Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019974.D
Acq On : 23 Mar 2024 03:47
Operator : MA/JU
Sample : PB159746BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 23 04:18:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 22:40:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	114060	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	458192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	291722	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	610458	20.000	ng/ul	-0.01
79) Chrysene-d12	21.557	240	581381	20.000	ng/ul	0.00
88) Perylene-d12	24.862	264	675913	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18841	7.238	ng/uL	0.00
4) Pyridine-d5	3.640	84	261977	33.328	ng/ul	0.00
7) Phenol-d5	6.805	99	358134	37.229	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	230332	36.751	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	253887	36.750	ng/ul	0.00
15) 4-Methylphenol-d8	8.310	113	276534	37.156	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	132107	37.616	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	149134	37.954	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	267118	37.223	ng/ul	0.00
31) 4-Chloroaniline-d4	10.516	131	301470	32.225	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	757546	37.038	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	856824	35.861	ng/ul	0.00
54) 4-Nitrophenol-d4	14.487	143	129195	40.179	ng/ul	-0.01
60) Fluorene-d10	15.269	176	645547	37.051	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	137905	37.740	ng/ul	0.00
73) Anthracene-d10	17.175	188	998045	36.934	ng/ul	-0.01
81) Pyrene-d10	19.575	212	1206609	35.374	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.621	264	1275670	39.285	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	39560	13.317	ng/uL	95
5) Pyridine	3.658	79	269458	33.631	ng/ul	100
6) Benzaldehyde	6.793	77	163715	34.417	ng/ul	98
8) Phenol	6.834	94	373208	37.108	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.063	93	301976	37.075	ng/ul	98
12) 2-Chlorophenol	7.187	128	269806	37.058	ng/ul	97
13) 2-Methylphenol	8.057	108	272078	37.528	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	419770	37.480	ng/ul	100
16) Acetophenone	8.434	105	454973	37.899	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.416	70	249115	37.205	ng/ul	99
18) 4-Methylphenol	8.387	108	291028	37.295	ng/ul	96
19) Hexachloroethane	8.657	117	127027	37.564	ng/ul	96
22) Nitrobenzene	8.810	77	383658	38.353	ng/ul	99
23) Isophorone	9.328	82	692362	37.131	ng/ul	98
25) 2-Nitrophenol	9.499	139	156182	38.128	ng/ul	99
26) 2,4-Dimethylphenol	9.557	107	310635	34.739	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.799	93	405632	37.202	ng/ul	99
29) 2,4-Dichlorophenol	10.028	162	262384	37.376	ng/ul	98
30) Naphthalene	10.416	128	864342	36.771	ng/ul	100
32) 4-Chloroaniline	10.546	127	219437	23.901	ng/ul	100
33) Hexachlorobutadiene	10.687	225	202996	36.693	ng/ul	98
34) Caprolactam	11.351	113	86087m	39.450	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	309662	39.708	ng/ul	98
36) 2-Methylnaphthalene	12.034	142	570935	36.480	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019974.D
Acq On : 23 Mar 2024 03:47
Operator : MA/JU
Sample : PB159746BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 23 04:18:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 22:40:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	567323	36.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.404	216	356438	36.956	ng/ul	99
40) Hexachlorocyclopentadiene	12.375	237	189730	34.763	ng/ul	100
41) 2,4,6-Trichlorophenol	12.663	196	211004	35.611	ng/ul	97
42) 2,4,5-Trichlorophenol	12.740	196	230128	37.551	ng/ul	99
43) 1,1'-Biphenyl	13.069	154	752305	35.610	ng/ul	99
44) 2-Chloronaphthalene	13.110	162	612518	35.953	ng/ul	98
45) 2-Nitroaniline	13.340	65	213611	39.805	ng/ul	96
47) Dimethylphthalate	13.710	163	783630	37.958	ng/ul	100
48) 2,6-Dinitrotoluene	13.845	165	164638	39.278	ng/ul	94
50) Acenaphthylene	13.975	152	977413	36.581	ng/ul	100
51) 3-Nitroaniline	14.175	138	139119	36.039	ng/ul	91
52) Acenaphthene	14.328	153	643250	36.240	ng/ul	98
53) 2,4-Dinitrophenol	14.410	184	91625	38.409	ng/ul	98
55) 4-Nitrophenol	14.504	109	121592	41.207	ng/ul	99
56) Dibenzofuran	14.669	168	884970	36.711	ng/ul	98
57) 2,4-Dinitrotoluene	14.669	165	232725	40.609	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.892	232	186491	35.485	ng/ul	96
59) Diethylphthalate	15.110	149	790787	38.626	ng/ul	99
61) Fluorene	15.328	166	720601	36.651	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.322	204	386661	36.716	ng/ul	98
63) 4-Nitroaniline	15.381	138	156075	47.341	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.445	198	147021	37.911	ng/ul	97
67) N-Nitrosodiphenylamine	15.551	169	619366	36.732	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	245230	37.014	ng/ul	97
69) Hexachlorobenzene	16.357	284	269329	36.610	ng/ul	99
70) Atrazine	16.545	200	84999	13.157	ng/ul	99
71) Pentachlorophenol	16.716	266	145551	33.750	ng/ul	97
72) Phenanthrene	17.122	178	1181653	37.439	ng/ul	100
74) Anthracene	17.210	178	1194853	37.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	348191	34.983	ng/uL	99
76) Pentachlorobenzene	14.575	250	321556	34.885	ng/uL	100
77) Carbazole	17.510	167	1043604	38.082	ng/ul	100
78) Di-n-butylphthalate	18.110	149	1346875	39.363	ng/ul	99
80) Fluoranthene	19.222	202	1437132	35.869	ng/ul	99
82) Pyrene	19.604	202	1478478	35.505	ng/ul	100
83) Butylbenzylphthalate	20.580	149	623975	36.902	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.469	252	473020	38.259	ng/ul	99
85) Benzo(a)anthracene	21.533	228	1541214	38.307	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	912837	36.946	ng/ul	99
87) Chrysene	21.604	228	1420946	37.988	ng/ul	99
89) Di-n-octyl phthalate	22.751	149	1632886	38.090	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1547640	39.054	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	1562291	38.795	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1490617	38.887	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.609	276	1852250m	38.365	ng/ul	
95) Dibenzo(a,h)anthracene	28.698	278	1526726	38.875	ng/ul	99
96) Benzo(g,h,i)perylene	29.745	276	1519075m	38.953	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

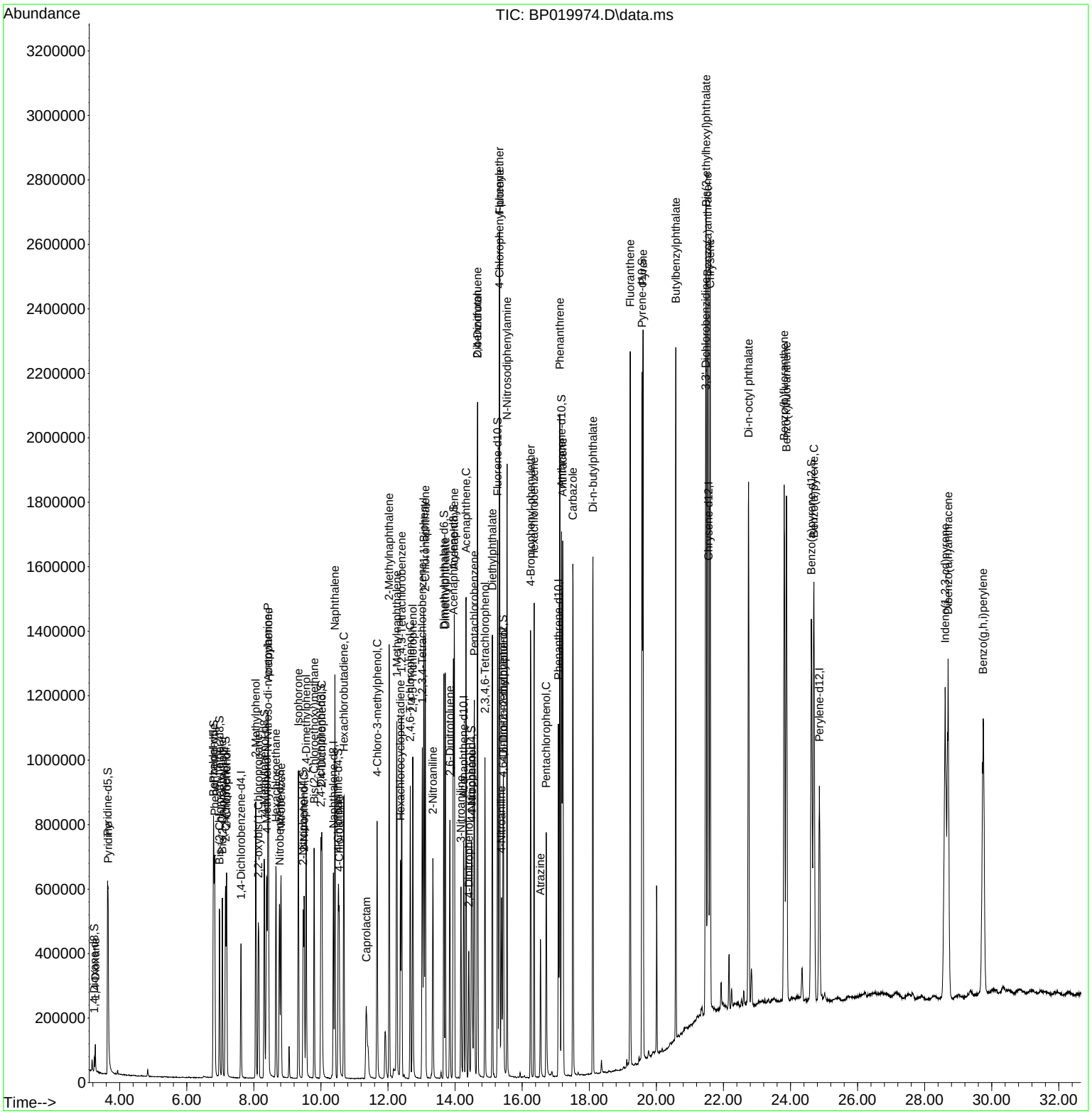
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032224\
Data File : BP019974.D
Acq On : 23 Mar 2024 03:47
Operator : MA/JU
Sample : PB159746BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

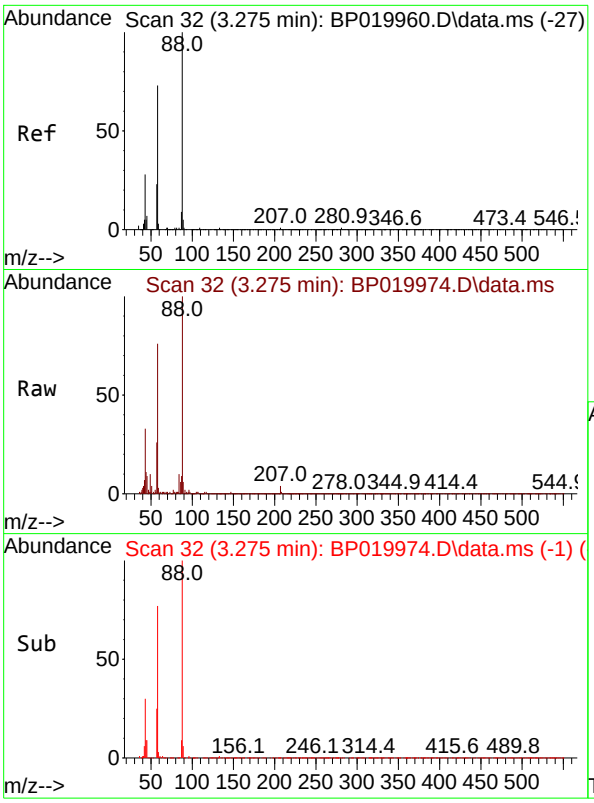
Quant Time: Mar 23 04:18:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 22:40:53 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

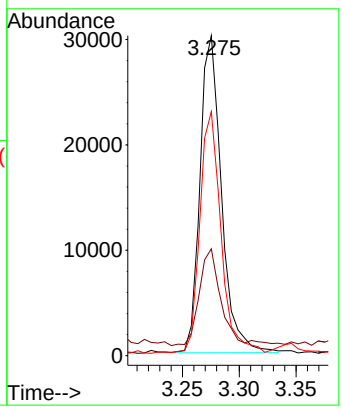




#2
1,4-Dioxane
Concen: 13.317 ng/uL
RT: 3.275 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 88 Resp: 3956

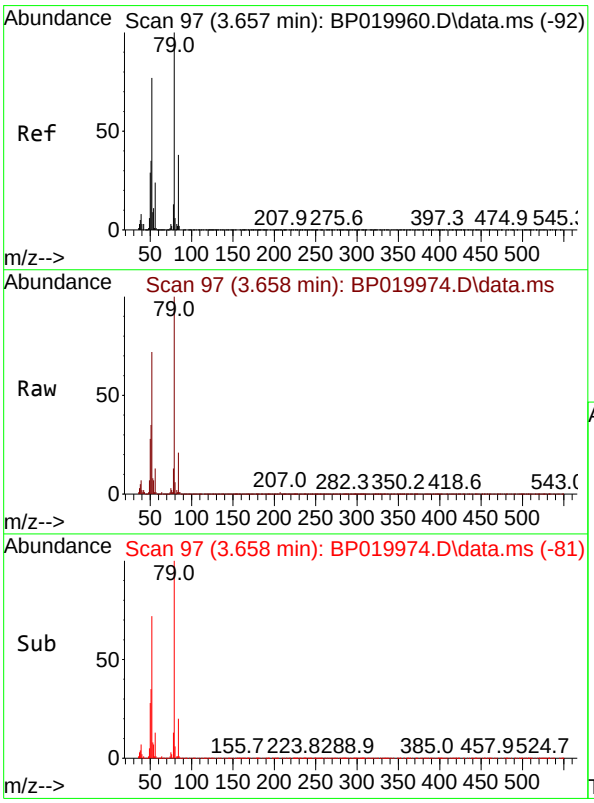
Ion	Ratio	Lower	Upper
88	100		
43	33.4	23.3	34.9
58	76.2	58.3	87.5



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

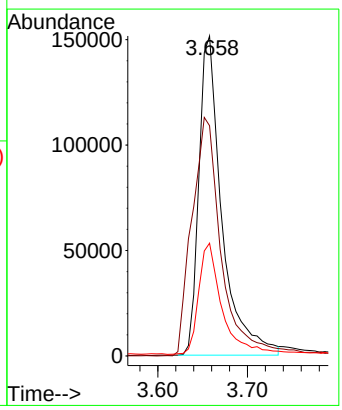
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

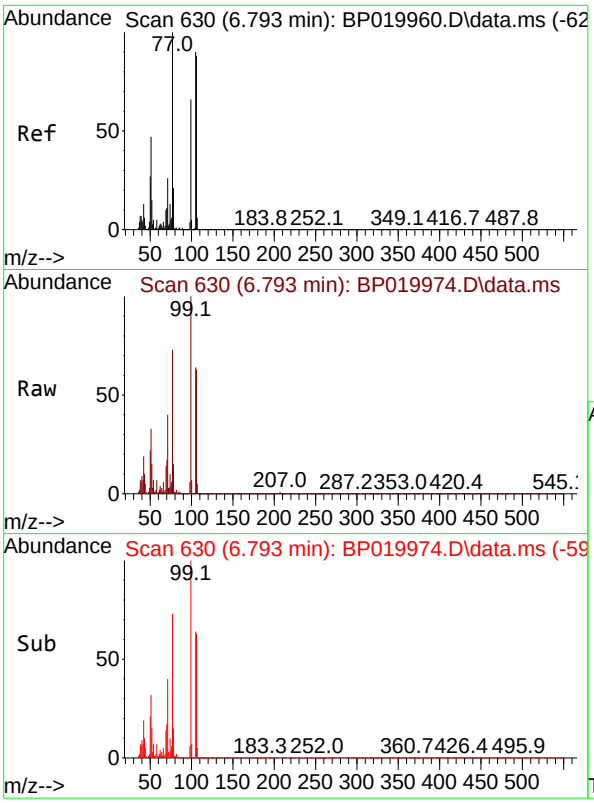


#5
Pyridine
Concen: 33.631 ng/ul
RT: 3.658 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 79 Resp: 269458

Ion	Ratio	Lower	Upper
79	100		
52	71.9	57.9	86.9
51	35.3	28.2	42.2

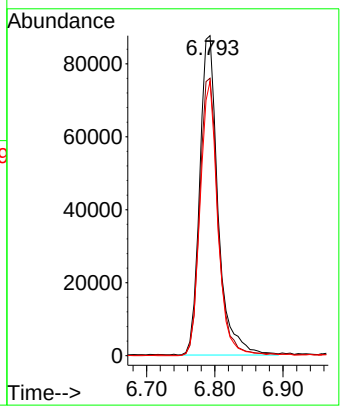




#6
Benzaldehyde
Concen: 34.417 ng/ul
RT: 6.793 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 77 Resp: 16371

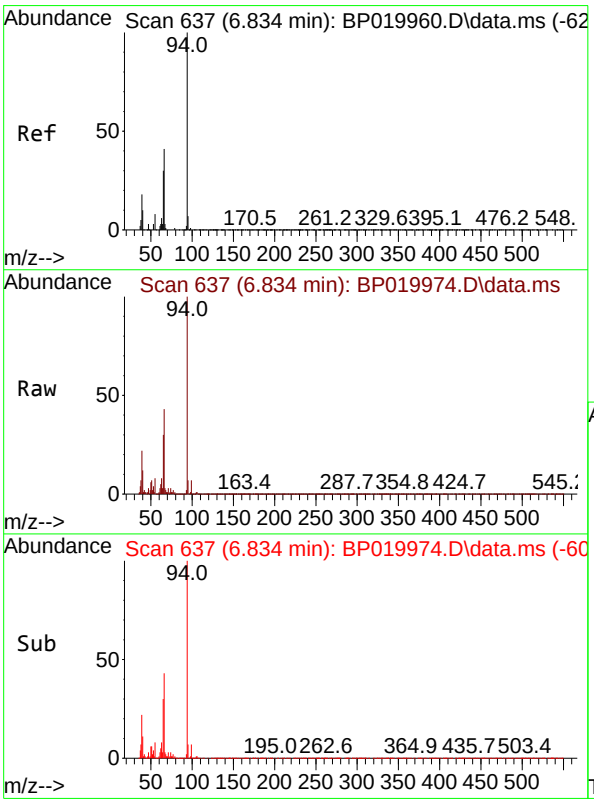
Ion	Ratio	Lower	Upper
77	100		
105	86.7	72.2	108.4
106	85.7	69.1	103.7



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

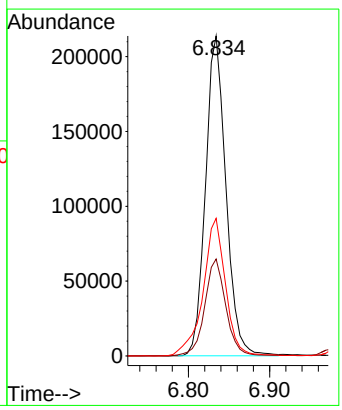
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

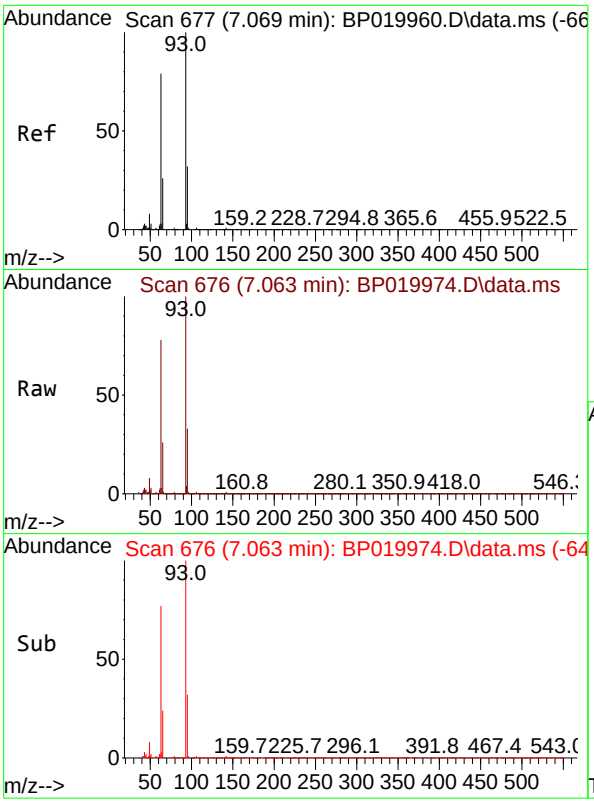


#8
Phenol
Concen: 37.108 ng/ul
RT: 6.834 min Scan# 637
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 94 Resp: 373208

Ion	Ratio	Lower	Upper
94	100		
65	30.3	23.8	35.8
66	43.0	33.2	49.8

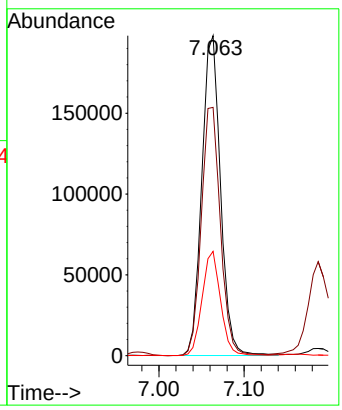




#10
Bis(2-Chloroethyl)ether
Concen: 37.075 ng/ul
RT: 7.063 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 93 Resp: 30197

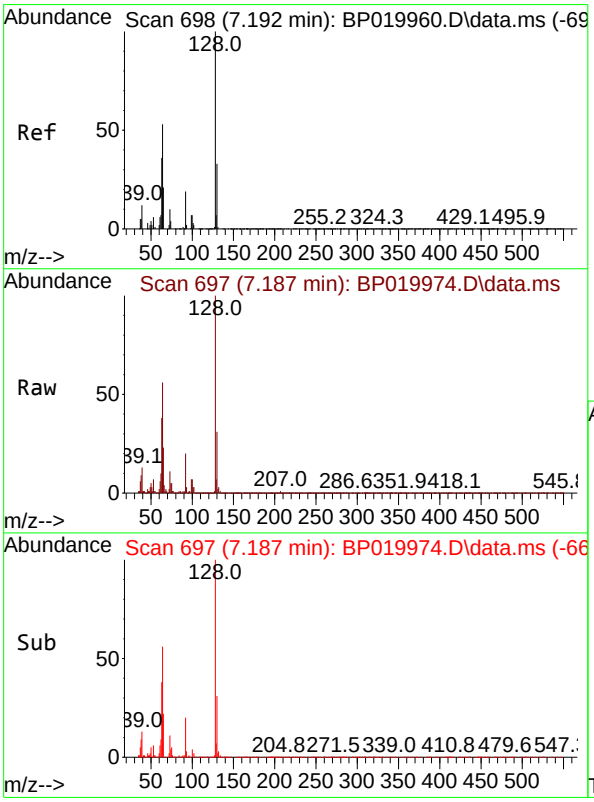
Ion	Ratio	Lower	Upper
93	100		
63	77.6	63.5	95.3
95	32.6	24.9	37.3



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

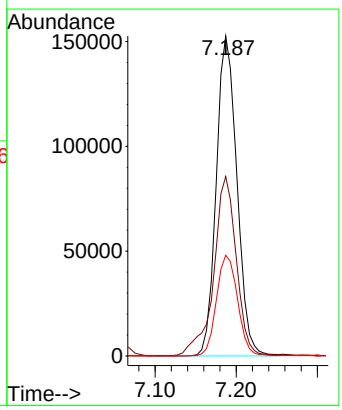
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

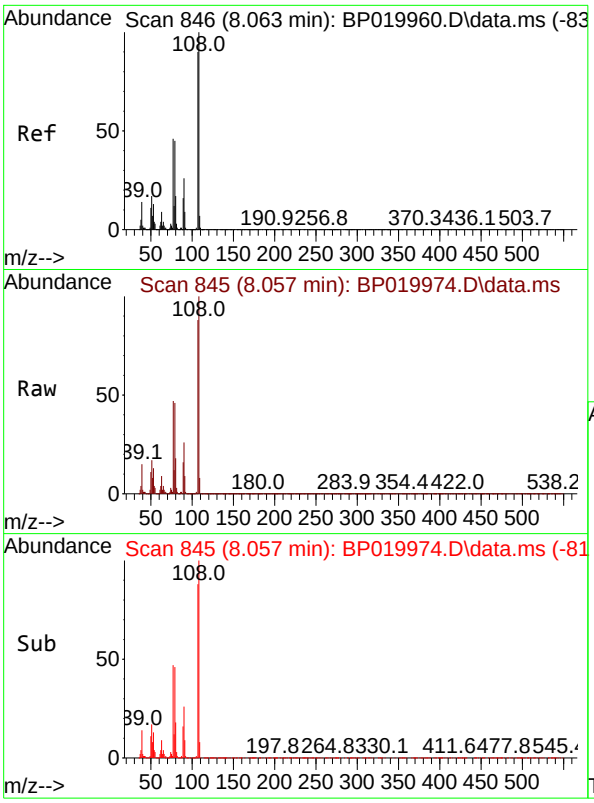


#12
2-Chlorophenol
Concen: 37.058 ng/ul
RT: 7.187 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:128 Resp: 269806

Ion	Ratio	Lower	Upper
128	100		
64	56.1	42.5	63.7
130	31.5	25.0	37.4





#13
2-Methylphenol
Concen: 37.528 ng/ul
RT: 8.057 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

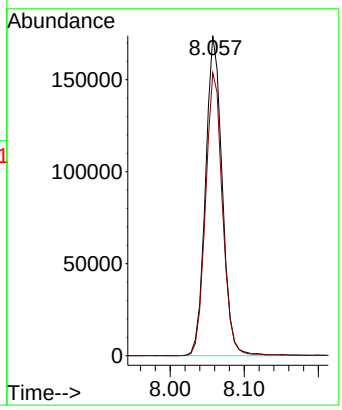
Tgt Ion:108 Resp: 27207

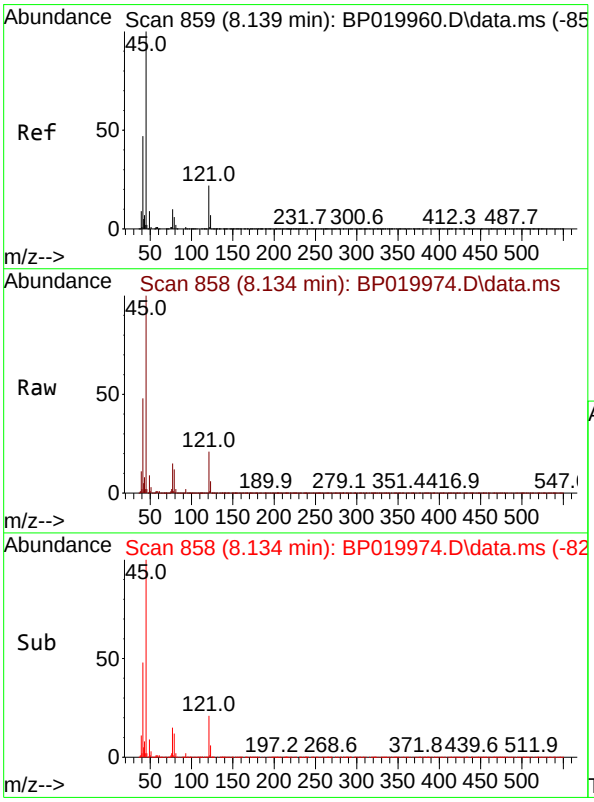
Ion	Ratio	Lower	Upper
108	100		
107	88.4	72.3	108.5

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

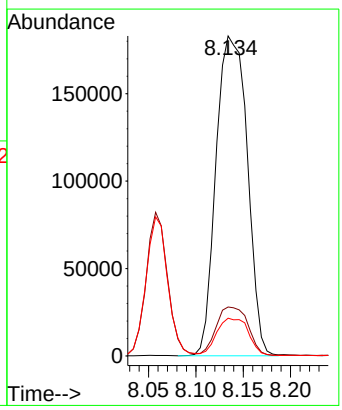


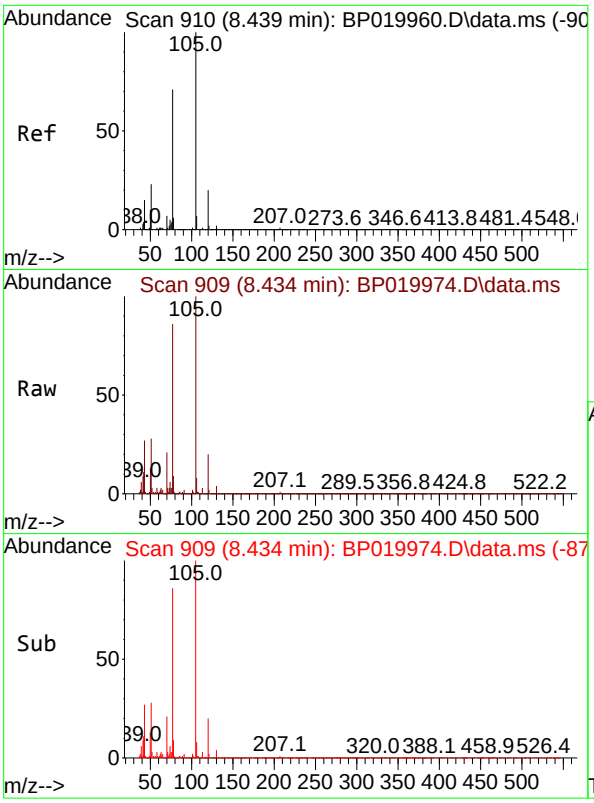


#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.480 ng/ul
RT: 8.134 min Scan# 858
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 45 Resp: 419770

Ion	Ratio	Lower	Upper
45	100		
77	15.3	12.3	18.5
79	11.8	9.4	14.0

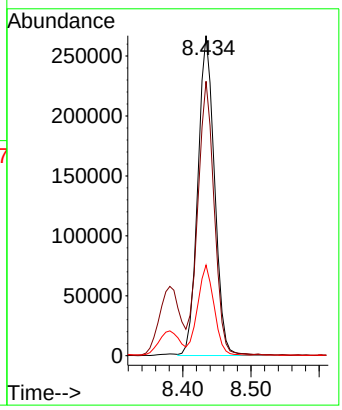




#16
Acetophenone
Concen: 37.899 ng/ul
RT: 8.434 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:105 Resp: 45497

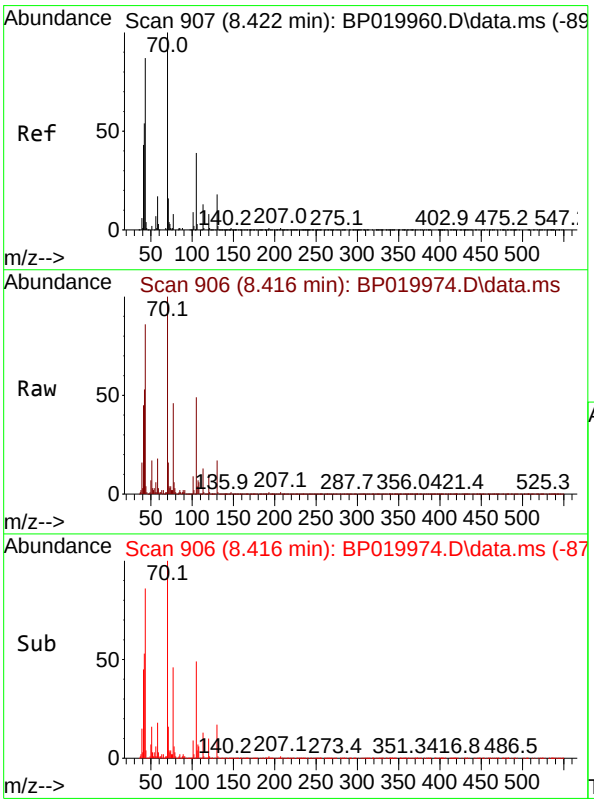
Ion	Ratio	Lower	Upper
105	100		
77	85.8	67.8	101.6
51	28.3	21.8	32.8



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

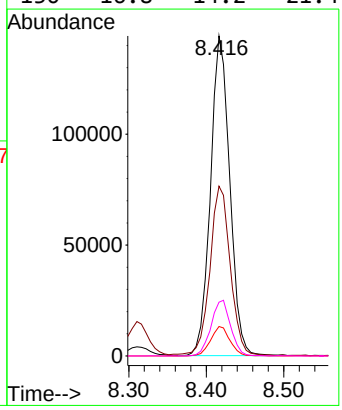
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

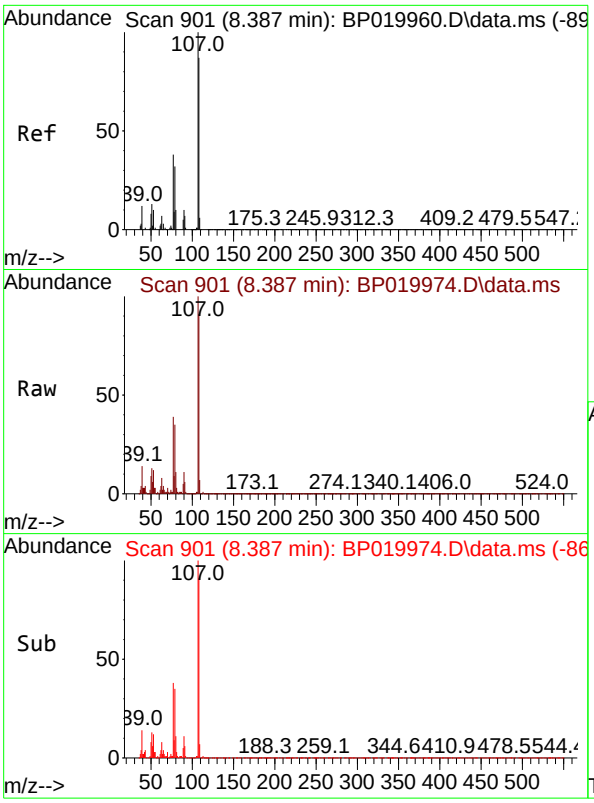


#17
N-Nitroso-di-n-propylamine
Concen: 37.205 ng/ul
RT: 8.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 70 Resp: 249115

Ion	Ratio	Lower	Upper
70	100		
42	53.1	43.1	64.7
101	9.2	7.7	11.5
130	16.8	14.2	21.4





#18
4-Methylphenol
Concen: 37.295 ng/ul
RT: 8.387 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

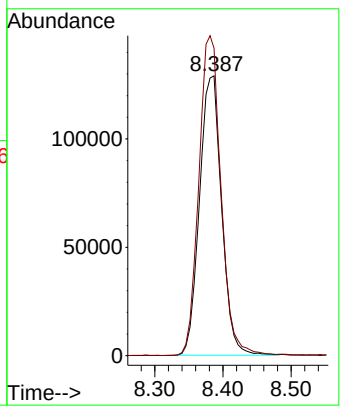
Tgt Ion:108 Resp: 29102

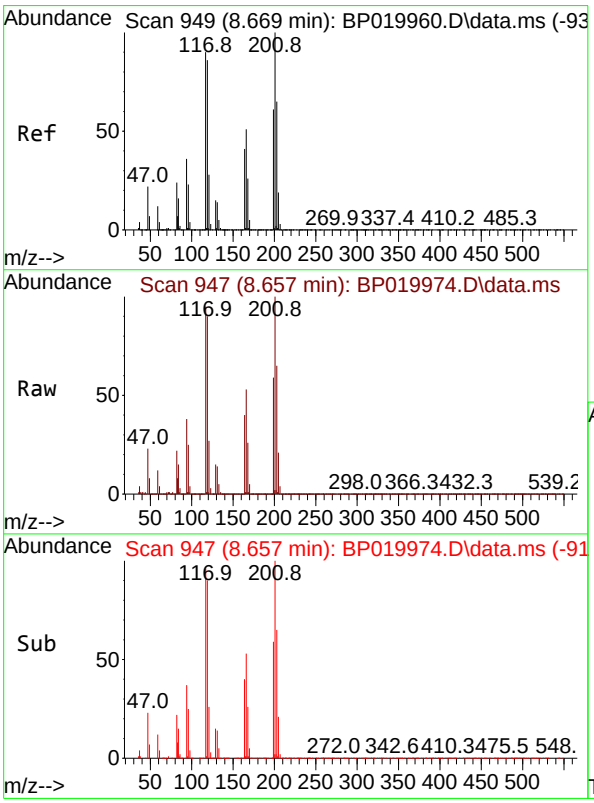
Ion	Ratio	Lower	Upper
108	100		
107	109.9	91.3	136.9

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

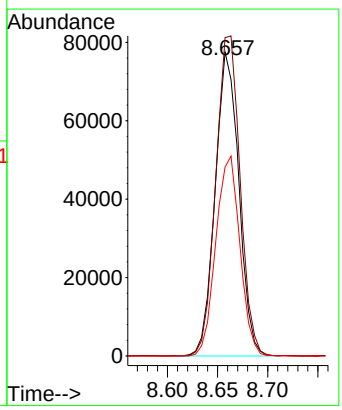


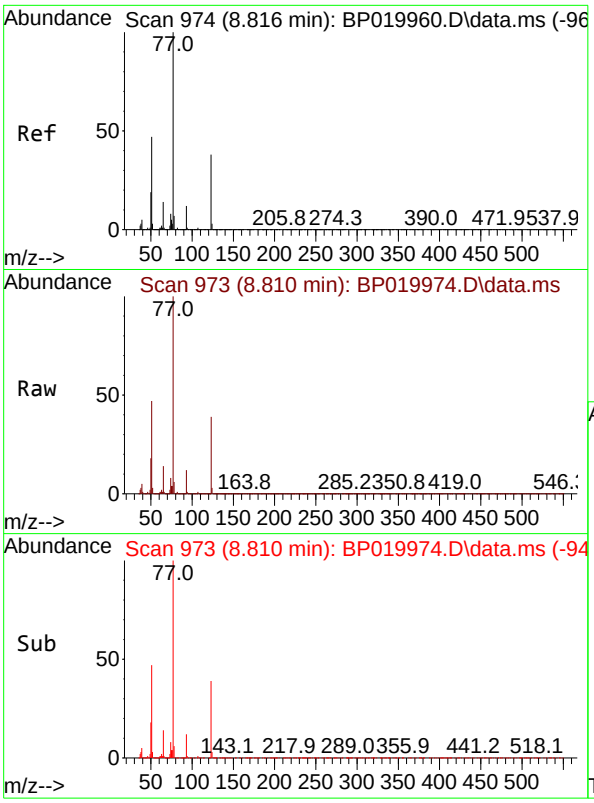


#19
Hexachloroethane
Concen: 37.564 ng/ul
RT: 8.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:117 Resp: 127027

Ion	Ratio	Lower	Upper
117	100		
201	104.7	82.1	123.1
199	62.2	53.8	80.8

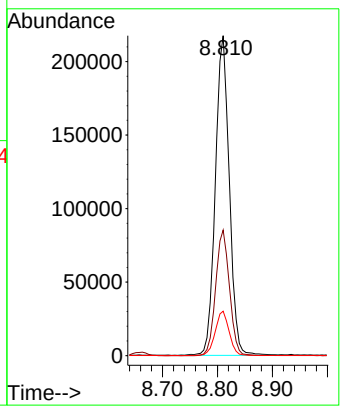




#22
Nitrobenzene
Concen: 38.353 ng/ul
RT: 8.810 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 77 Resp: 38365

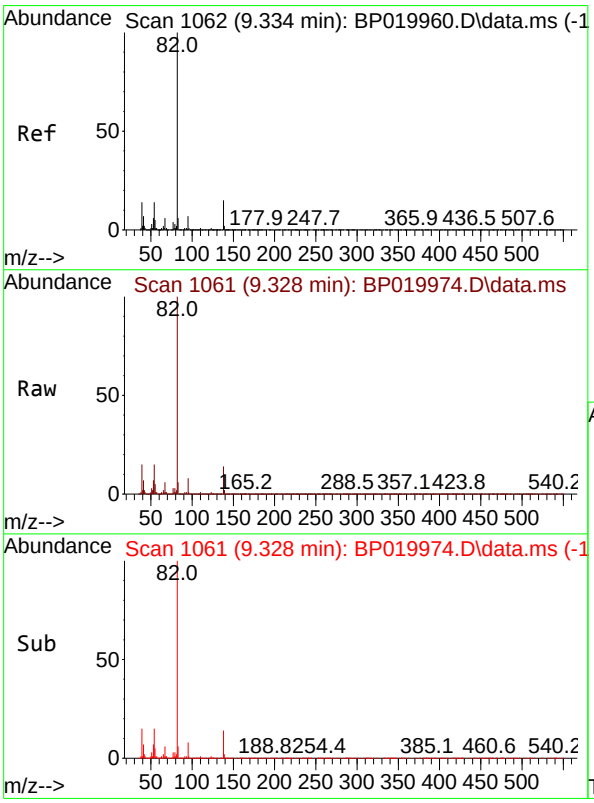
Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.6	46.0
65	13.9	11.4	17.0



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

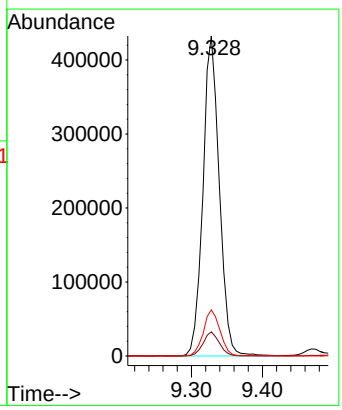
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

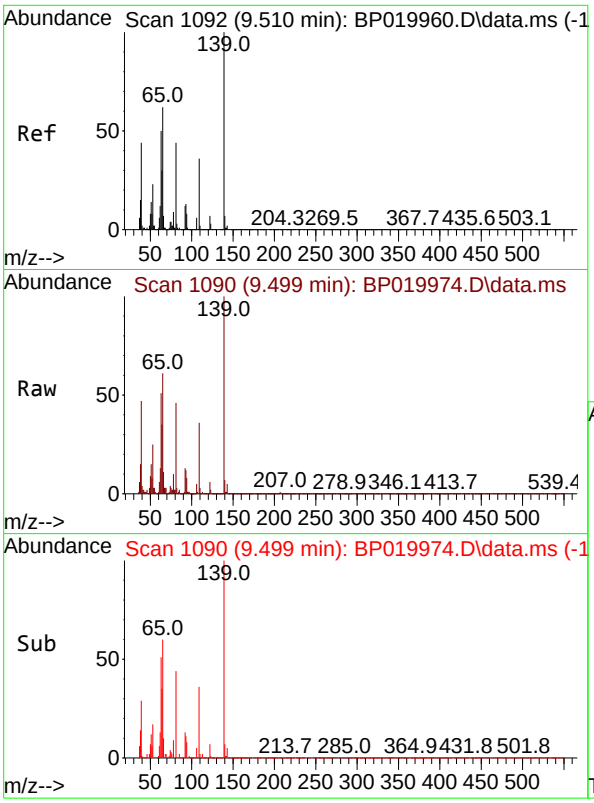


#23
Isophorone
Concen: 37.131 ng/ul
RT: 9.328 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 82 Resp: 692362

Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.6	8.4
138	14.4	12.1	18.1

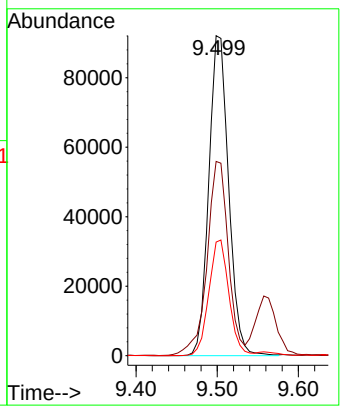




#25
2-Nitrophenol
Concen: 38.128 ng/ul
RT: 9.499 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:139 Resp: 15618

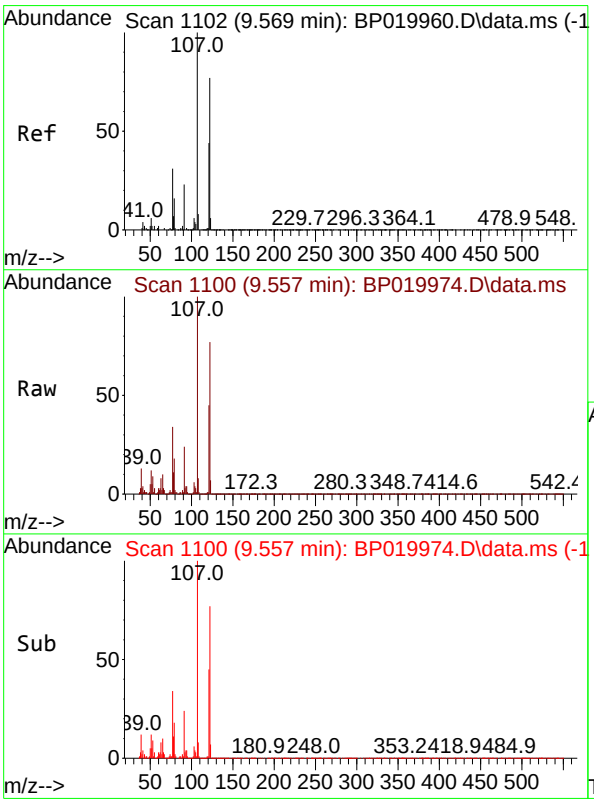
Ion	Ratio	Lower	Upper
139	100		
65	60.7	49.0	73.6
109	35.5	27.8	41.6



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

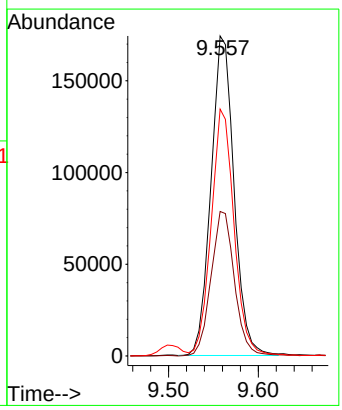
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

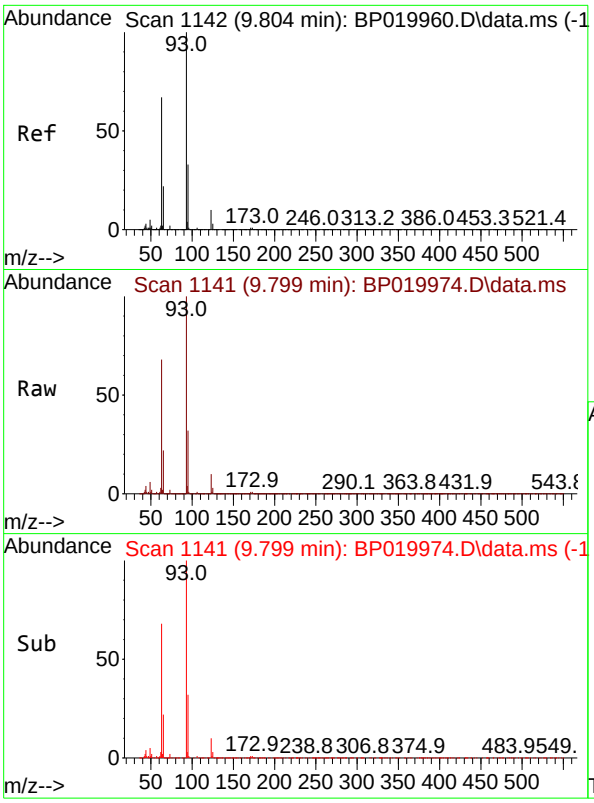


#26
2,4-Dimethylphenol
Concen: 34.739 ng/ul
RT: 9.557 min Scan# 1100
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:107 Resp: 310635

Ion	Ratio	Lower	Upper
107	100		
121	45.1	37.4	56.2
122	77.1	63.3	94.9





#27
Bis(2-Chloroethoxy)methane
Concen: 37.202 ng/ul
RT: 9.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

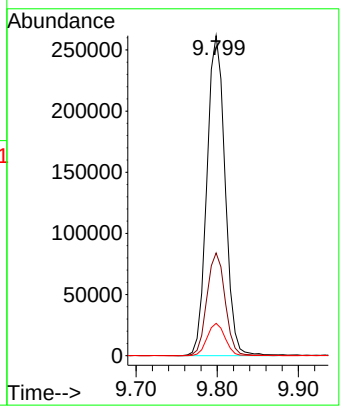
Tgt Ion: 93 Resp: 40563

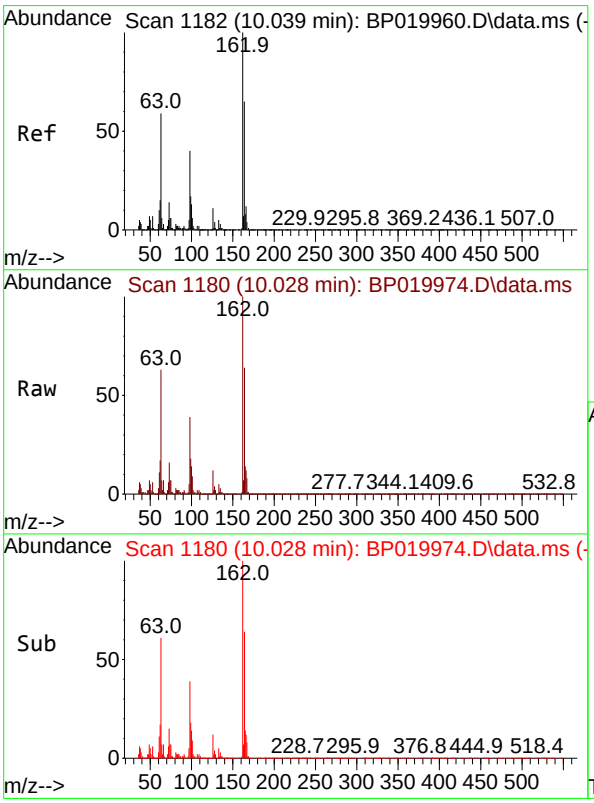
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.2	37.8
123	10.1	7.9	11.9

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

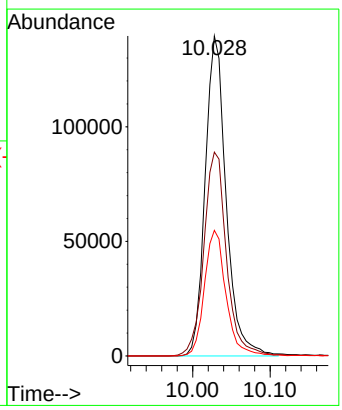


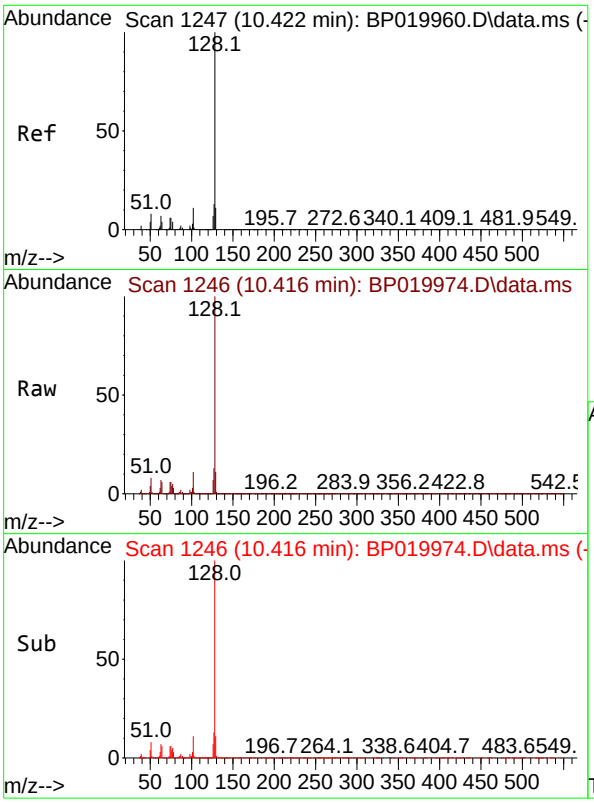


#29
2,4-Dichlorophenol
Concen: 37.376 ng/ul
RT: 10.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:162 Resp: 262384

Ion	Ratio	Lower	Upper
162	100		
164	63.7	52.7	79.1
98	39.3	32.4	48.6

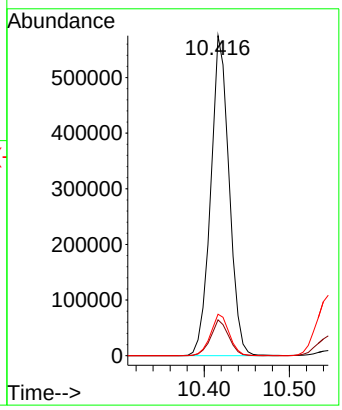




#30
Naphthalene
Concen: 36.771 ng/ul
RT: 10.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:128 Resp: 86434

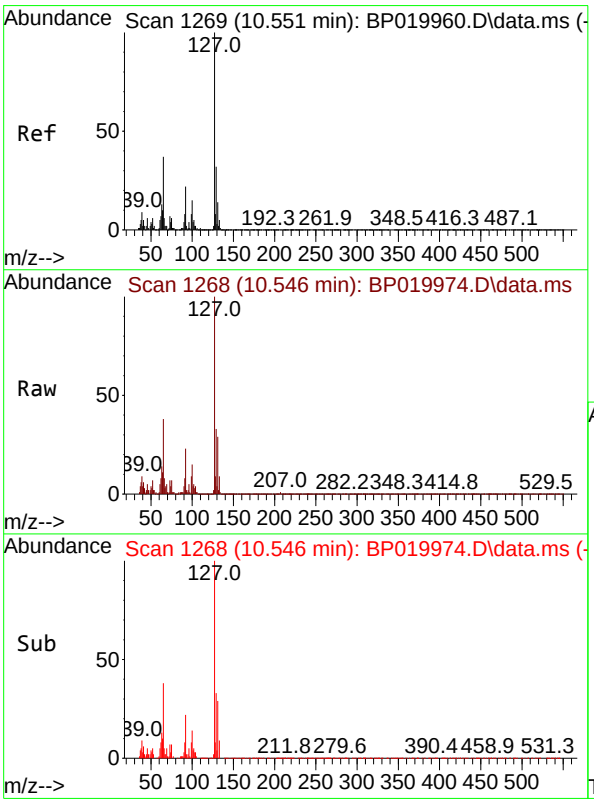
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.0	10.3	15.5



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

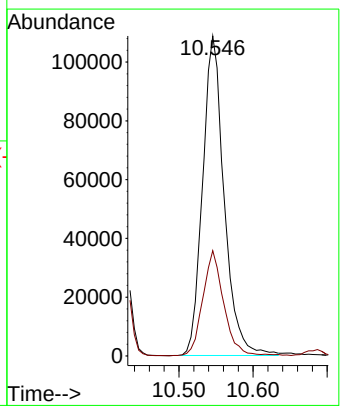
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

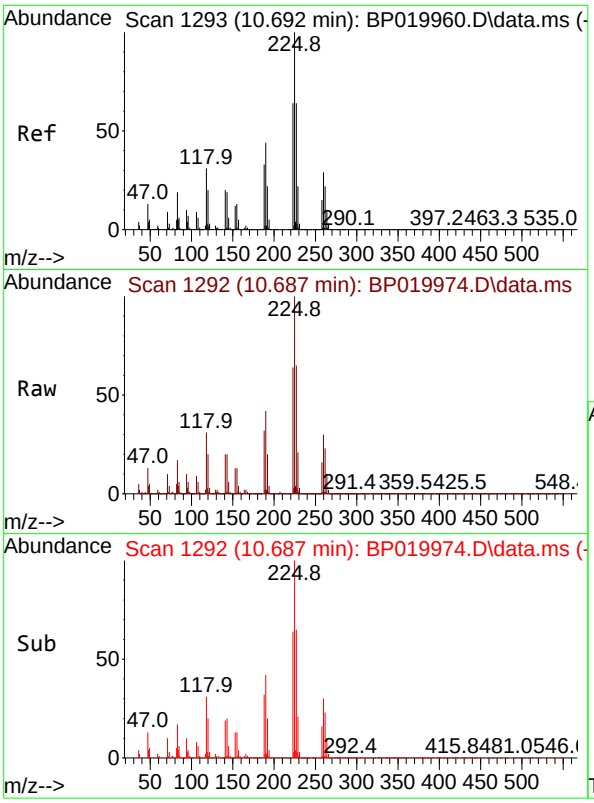


#32
4-Chloroaniline
Concen: 23.901 ng/ul
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:127 Resp: 219437

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2





#33
Hexachlorobutadiene
Concen: 36.693 ng/ul
RT: 10.687 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

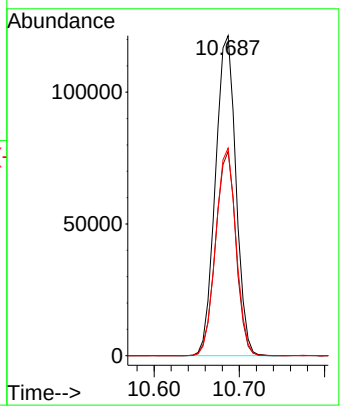
Tgt Ion:225 Resp: 20299

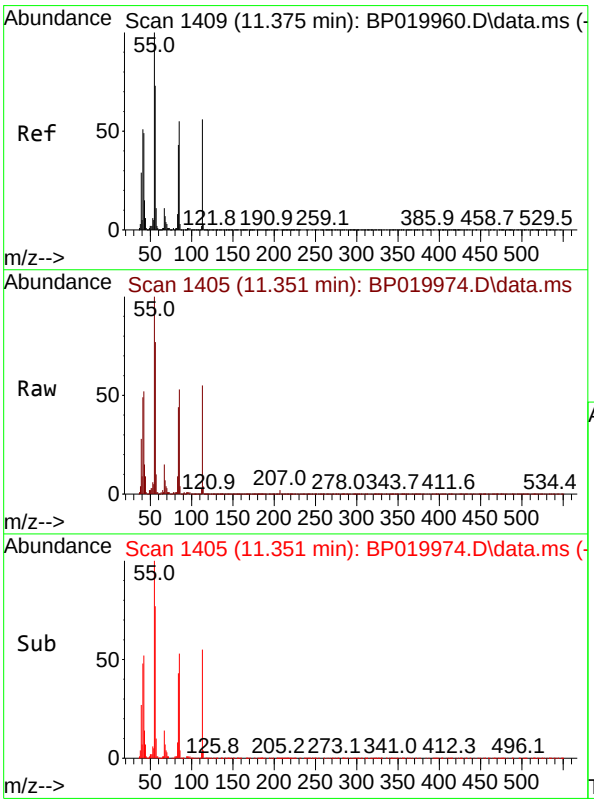
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	64.9	50.3	75.5

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

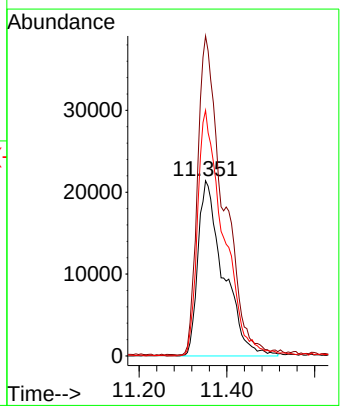


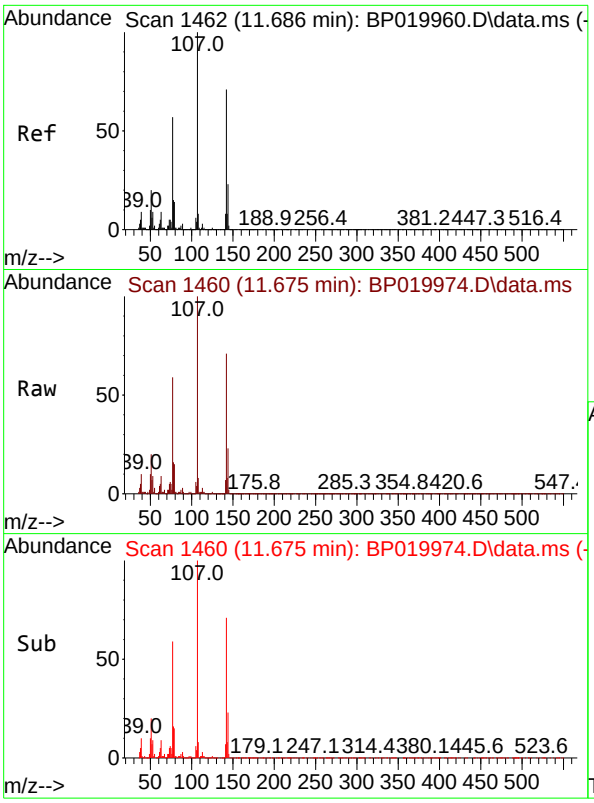


#34
Caprolactam
Concen: 39.450 ng/ul m
RT: 11.351 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:113 Resp: 86087

Ion	Ratio	Lower	Upper
113	100		
55	182.6	149.5	224.3
56	140.2	114.6	172.0

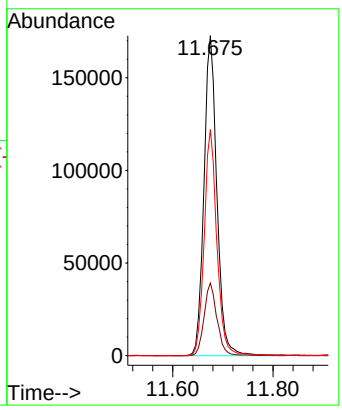




#35
4-Chloro-3-methylphenol
Concen: 39.708 ng/ul
RT: 11.675 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:107 Resp: 30966

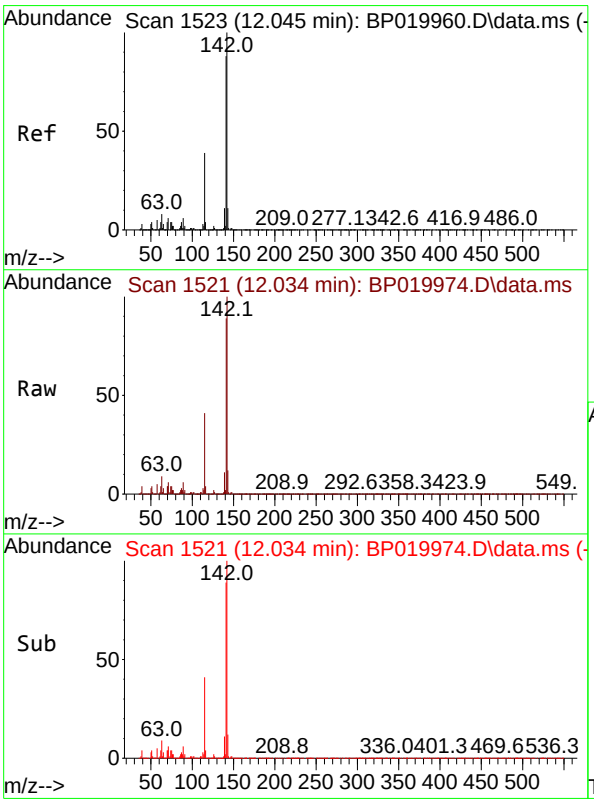
Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.0	28.4
142	70.6	57.8	86.6



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

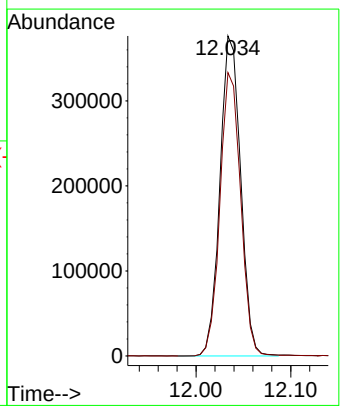
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

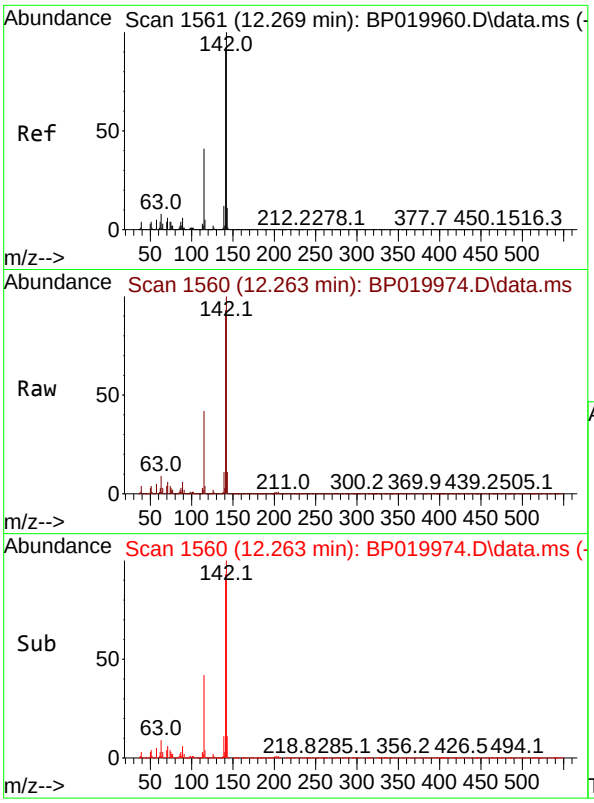


#36
2-Methylnaphthalene
Concen: 36.480 ng/ul
RT: 12.034 min Scan# 1521
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:142 Resp: 570935

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.8	107.8

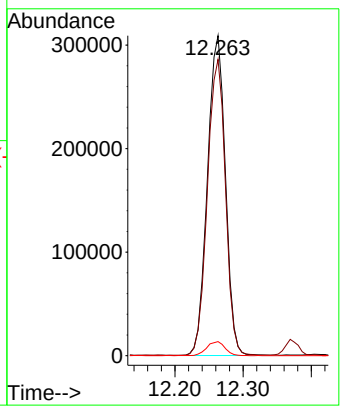




#37
1-Methylnaphthalene
Concen: 36.245 ng/ul
RT: 12.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:142 Resp: 56732

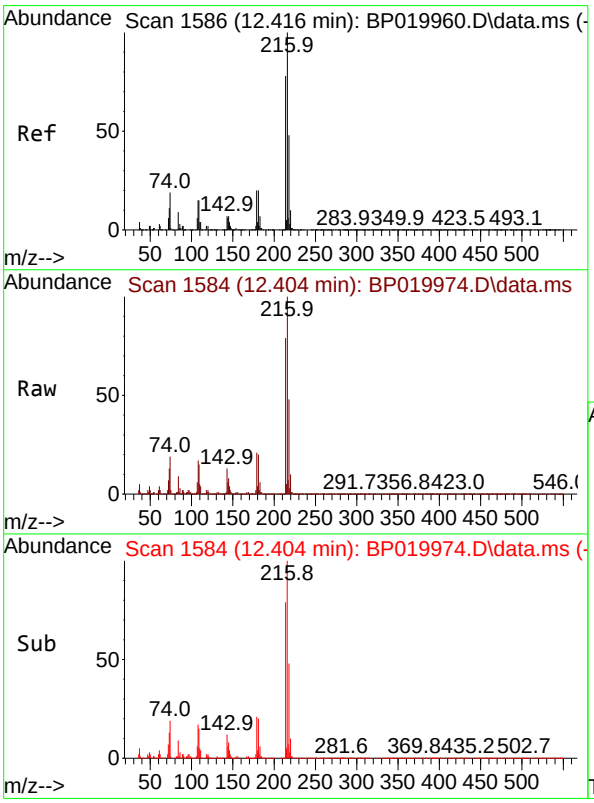
Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.2	109.8
116	4.4	3.4	5.0



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

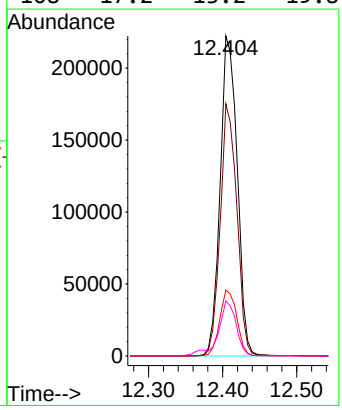
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

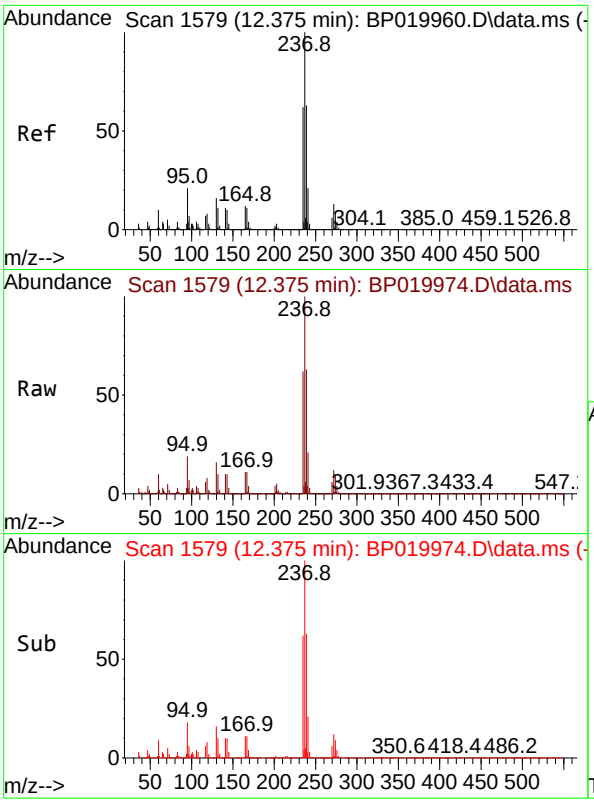


#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.956 ng/ul
RT: 12.404 min Scan# 1584
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:216 Resp: 356438

Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.1	93.1
179	20.6	16.6	24.8
108	17.2	13.2	19.8

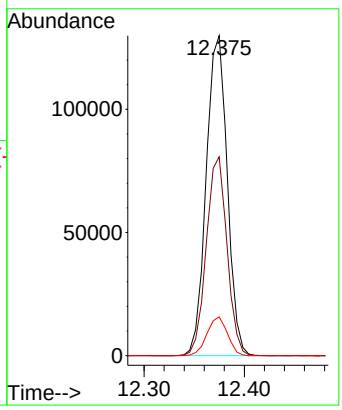




#40
Hexachlorocyclopentadiene
Concen: 34.763 ng/ul
RT: 12.375 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:237 Resp: 18973

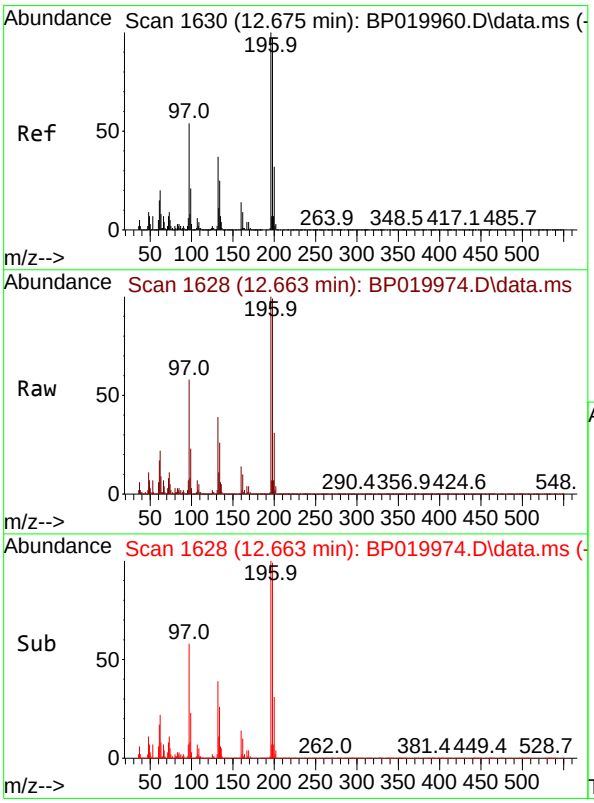
Ion	Ratio	Lower	Upper
237	100		
235	62.1	49.7	74.5
272	12.2	9.4	14.2



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

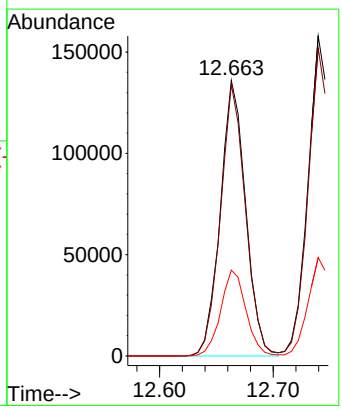
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

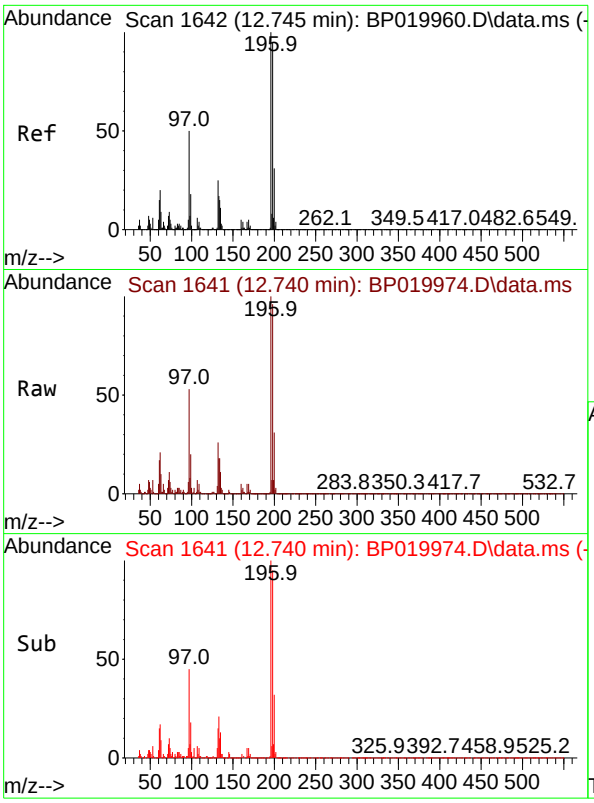


#41
2,4,6-Trichlorophenol
Concen: 35.611 ng/ul
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:196 Resp: 211004

Ion	Ratio	Lower	Upper
196	100		
198	98.5	75.8	113.8
200	31.1	25.0	37.4

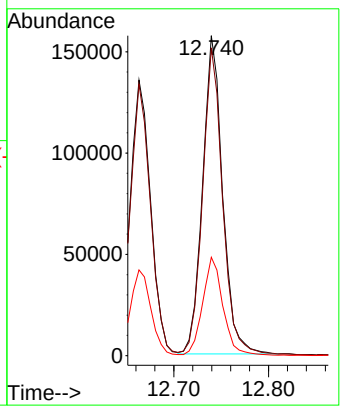




#42
2,4,5-Trichlorophenol
Concen: 37.551 ng/ul
RT: 12.740 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:196 Resp: 23012

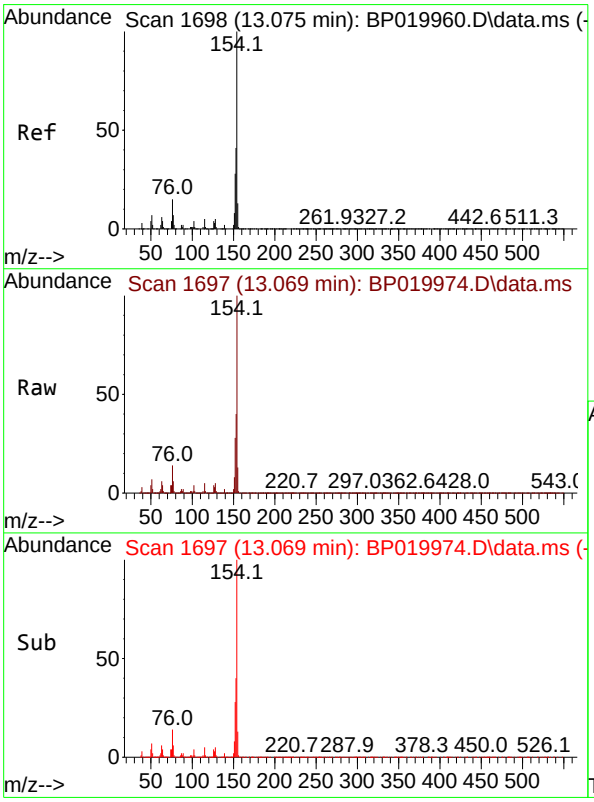
Ion	Ratio	Lower	Upper
196	100		
198	96.2	77.3	115.9
200	30.7	25.1	37.7



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

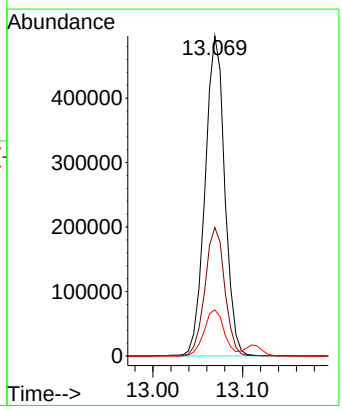
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

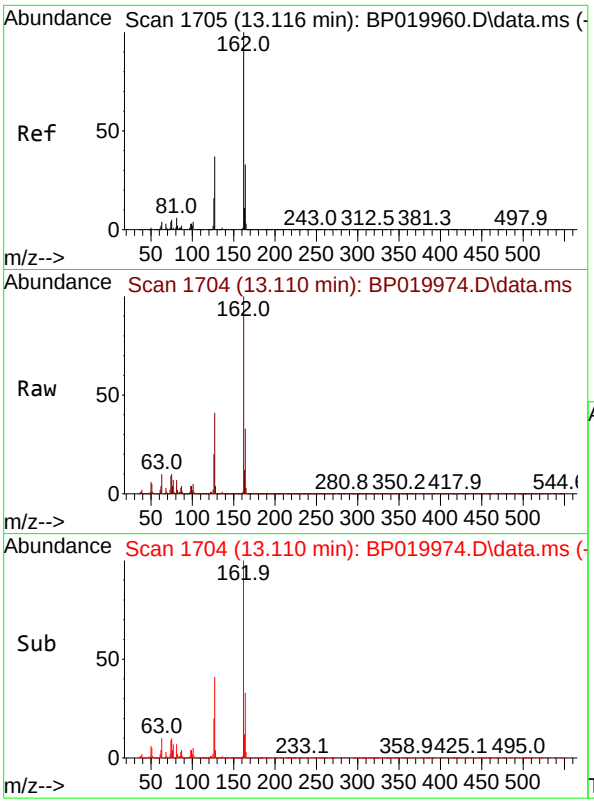


#43
1,1'-Biphenyl
Concen: 35.610 ng/ul
RT: 13.069 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:154 Resp: 752305

Ion	Ratio	Lower	Upper
154	100		
153	40.2	31.6	47.4
76	14.4	11.4	17.0

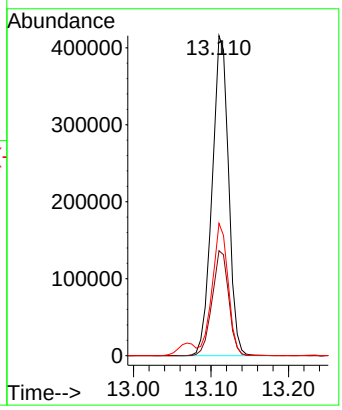




#44
2-Chloronaphthalene
Concen: 35.953 ng/ul
RT: 13.110 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:162 Resp: 61251

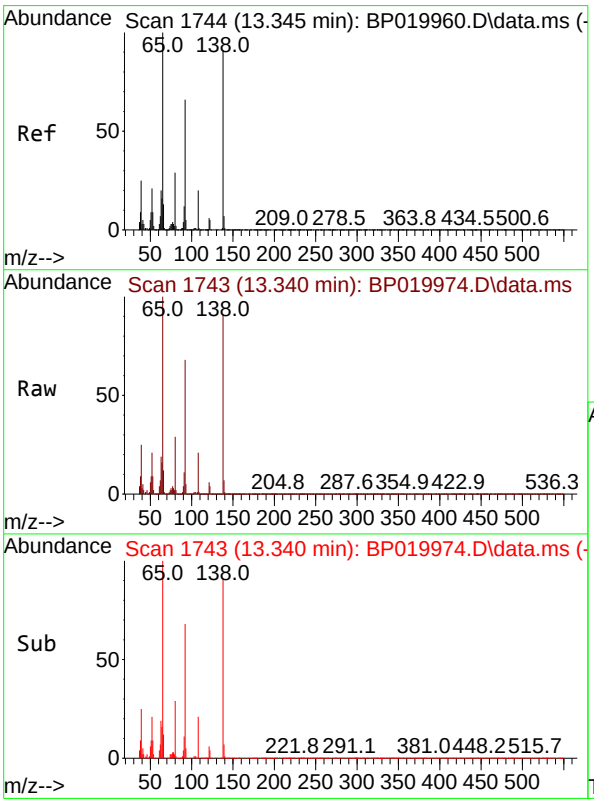
Ion	Ratio	Lower	Upper
162	100		
164	32.8	25.8	38.8
127	41.3	31.4	47.0



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

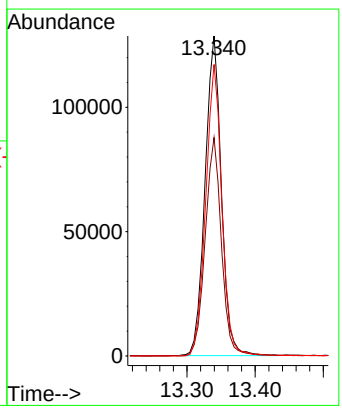
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

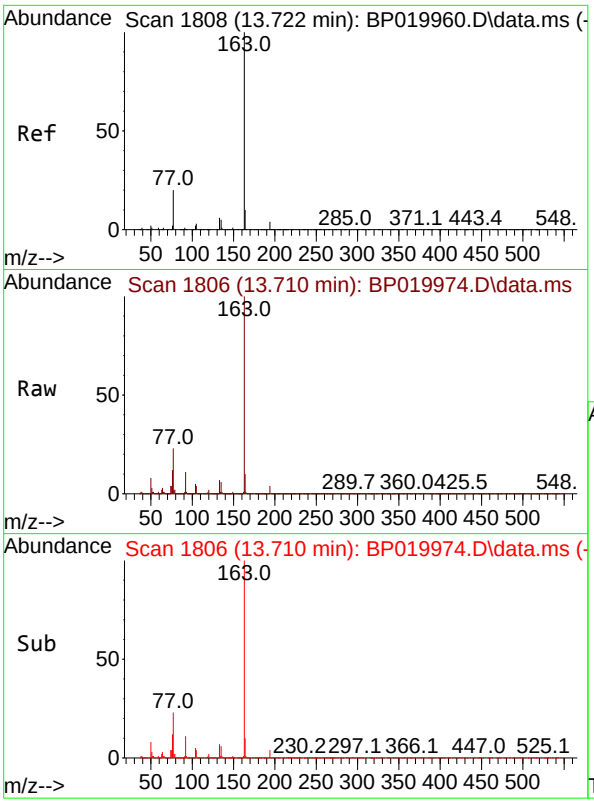


#45
2-Nitroaniline
Concen: 39.805 ng/ul
RT: 13.340 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion: 65 Resp: 213611

Ion	Ratio	Lower	Upper
65	100		
92	68.3	51.8	77.6
138	91.1	70.6	106.0

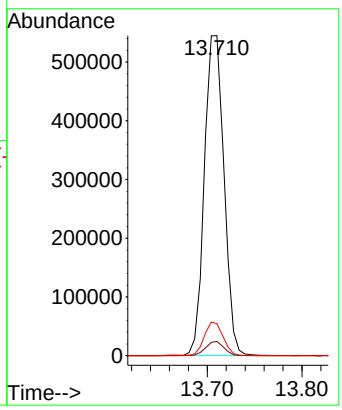




#47
Dimethylphthalate
Concen: 37.958 ng/ul
RT: 13.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:163 Resp: 78363

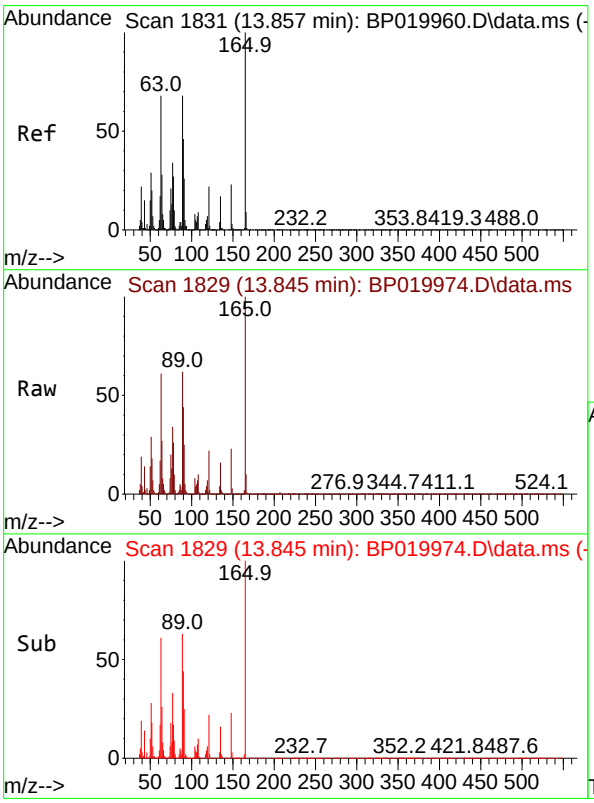
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.0	8.0	12.0



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

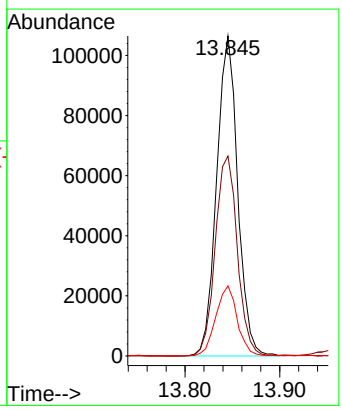
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

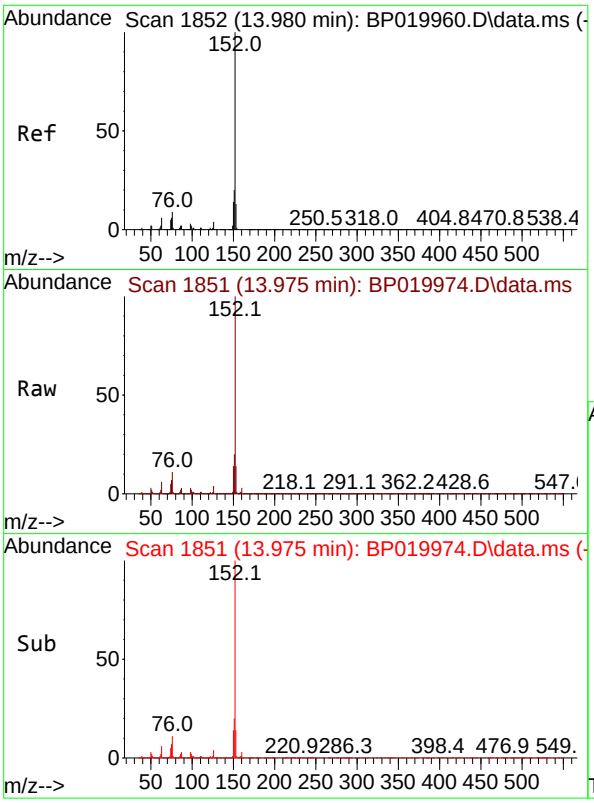


#48
2,6-Dinitrotoluene
Concen: 39.278 ng/ul
RT: 13.845 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:165 Resp: 164638

Ion	Ratio	Lower	Upper
165	100		
89	62.5	54.3	81.5
121	21.9	19.0	28.4

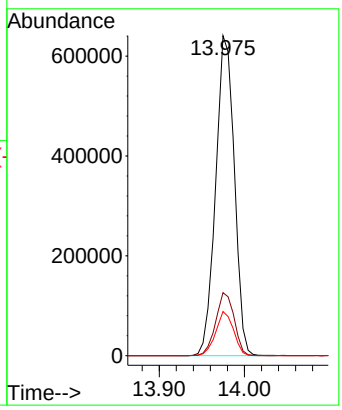




#50
Acenaphthylene
Concen: 36.581 ng/ul
RT: 13.975 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:152 Resp: 97741

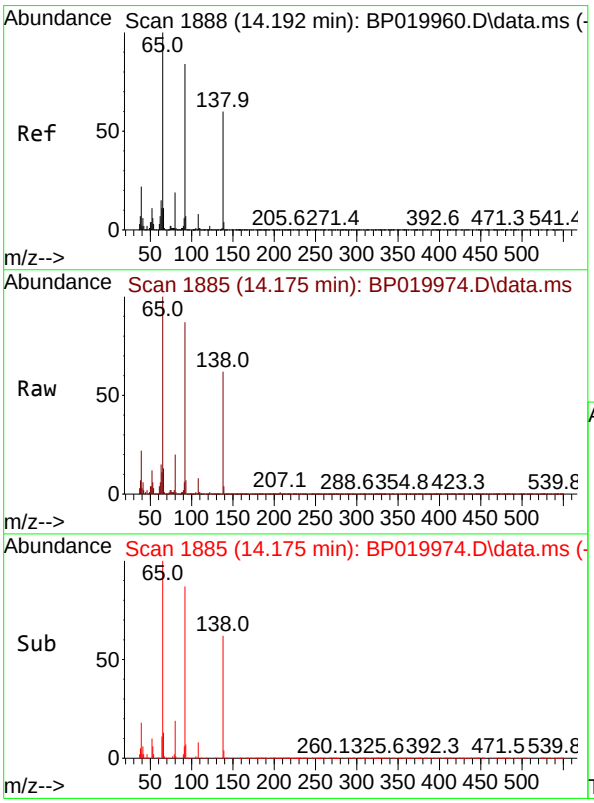
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	13.8	10.9	16.3



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

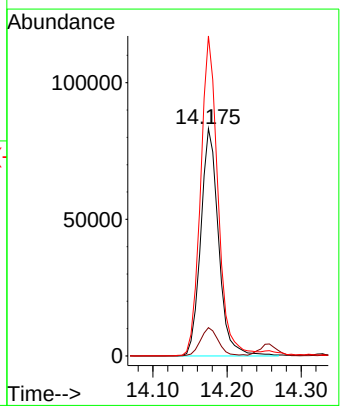
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

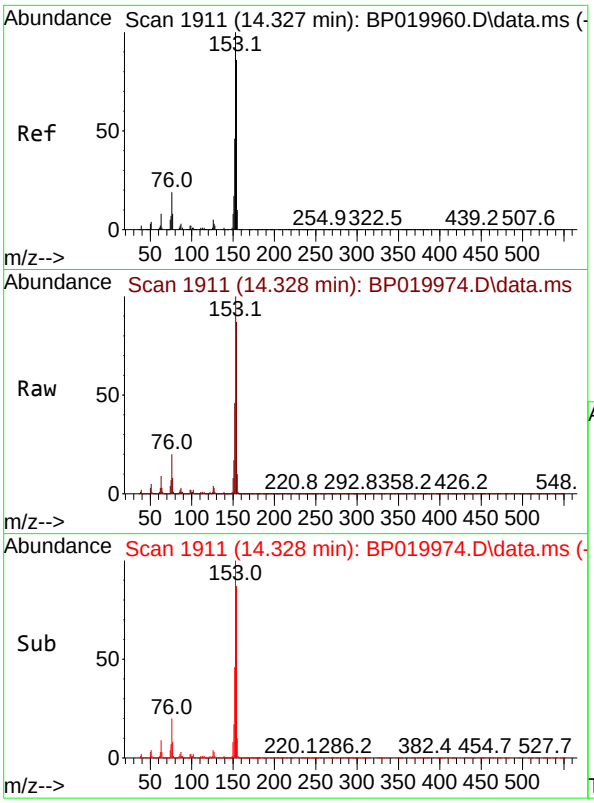


#51
3-Nitroaniline
Concen: 36.039 ng/ul
RT: 14.175 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:138 Resp: 139119

Ion	Ratio	Lower	Upper
138	100		
108	12.5	10.5	15.7
92	140.7	103.4	155.0

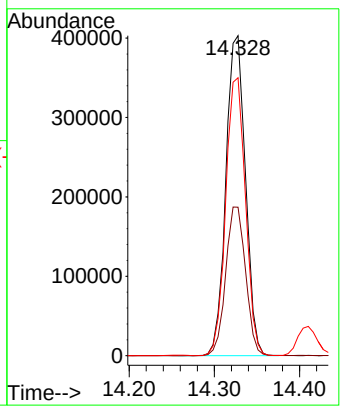




#52
Acenaphthene
Concen: 36.240 ng/ul
RT: 14.328 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:153 Resp: 64325

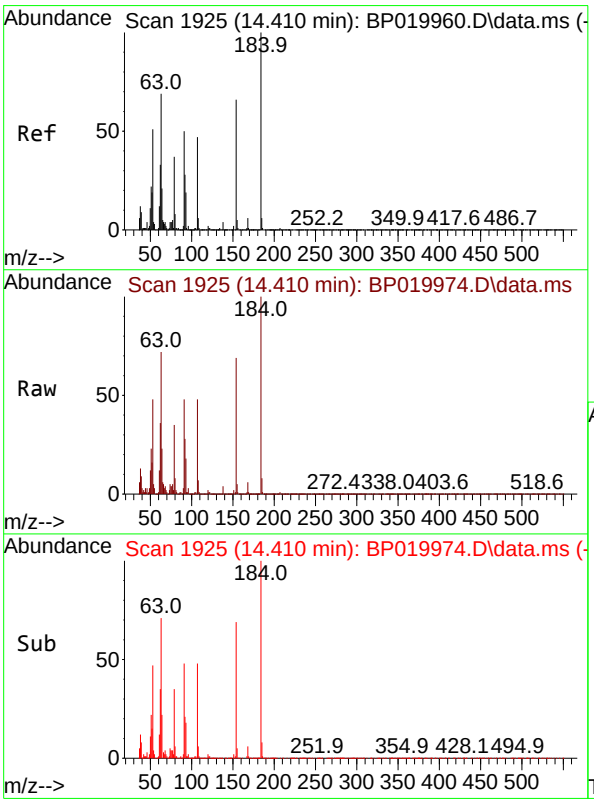
Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.9	56.9
154	86.8	70.8	106.2



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

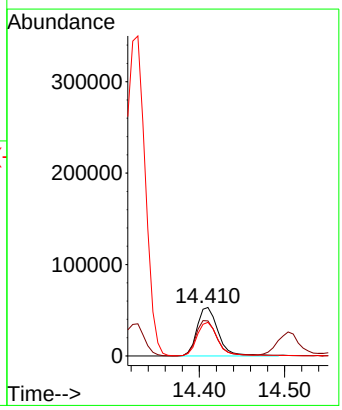
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

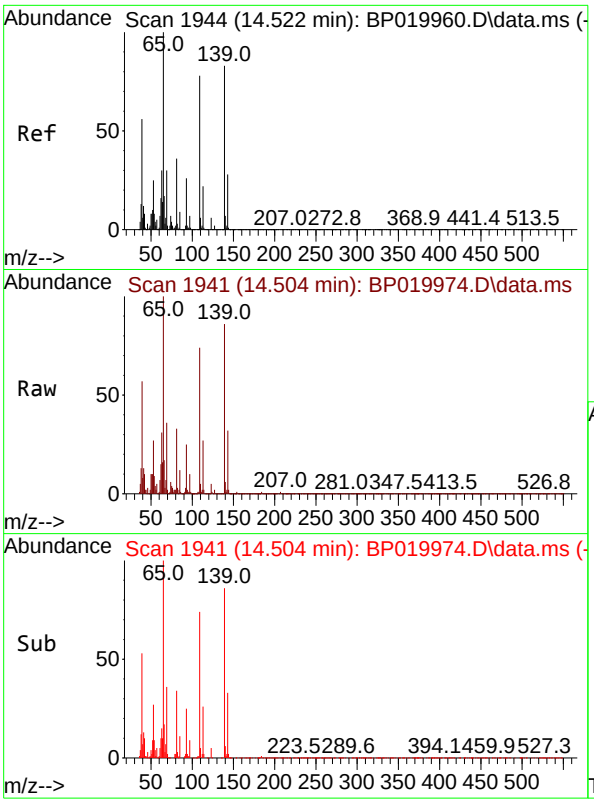


#53
2,4-Dinitrophenol
Concen: 38.409 ng/ul
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:184 Resp: 91625

Ion	Ratio	Lower	Upper
184	100		
63	72.1	60.8	91.2
154	69.3	55.6	83.4

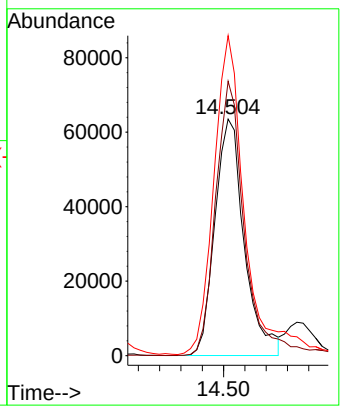




#55
4-Nitrophenol
Concen: 41.207 ng/ul
RT: 14.504 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:109 Resp: 12159

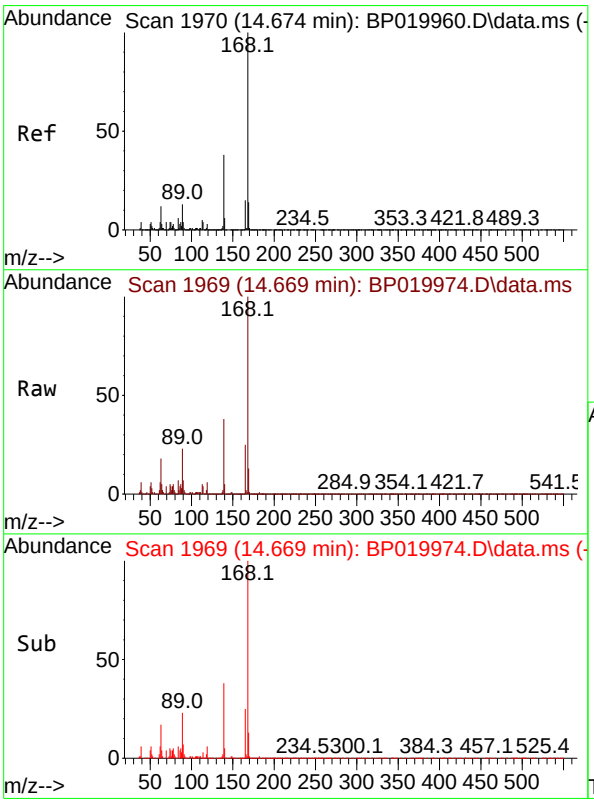
Ion	Ratio	Lower	Upper
109	100		
139	115.9	93.3	139.9
65	135.2	109.9	164.9



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

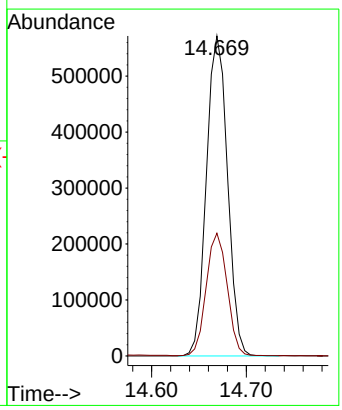
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

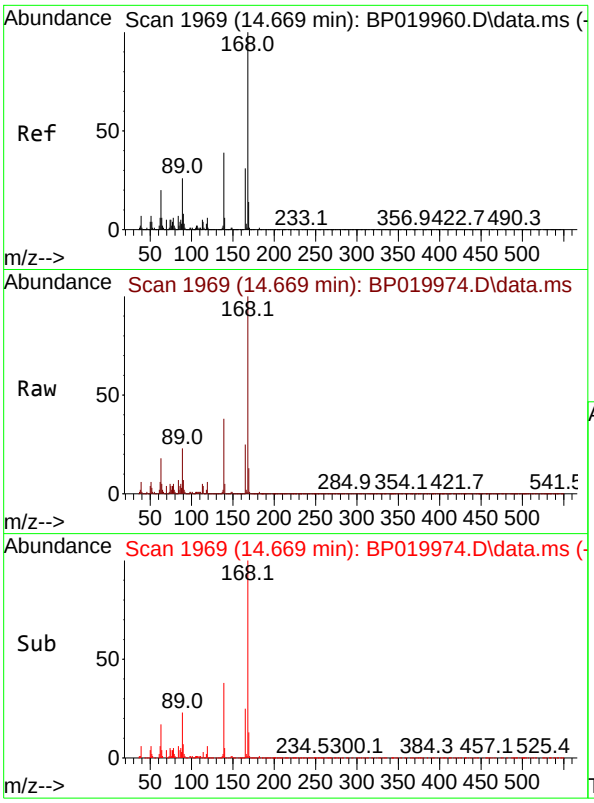


#56
Dibenzofuran
Concen: 36.711 ng/ul
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:168 Resp: 884970

Ion	Ratio	Lower	Upper
168	100		
139	38.4	29.8	44.8

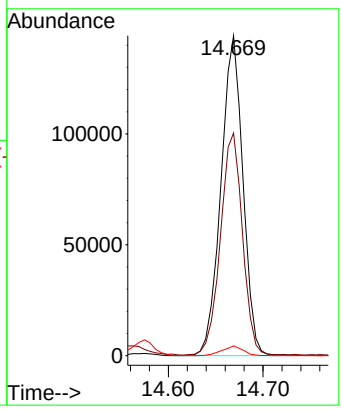




#57
2,4-Dinitrotoluene
Concen: 40.609 ng/ul
RT: 14.669 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:165 Resp: 23272

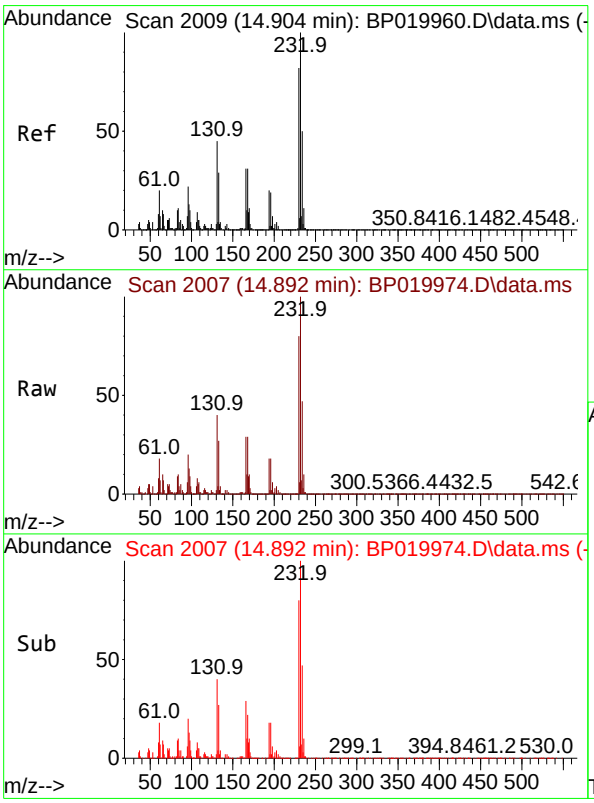
Ion	Ratio	Lower	Upper
165	100		
63	69.6	55.9	83.9
182	3.1	2.4	3.6



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

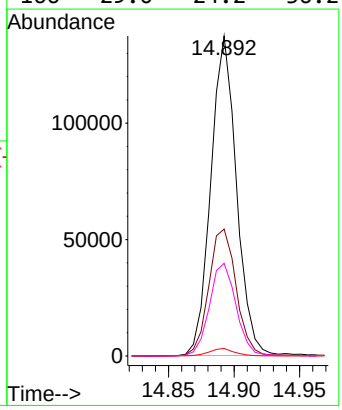
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

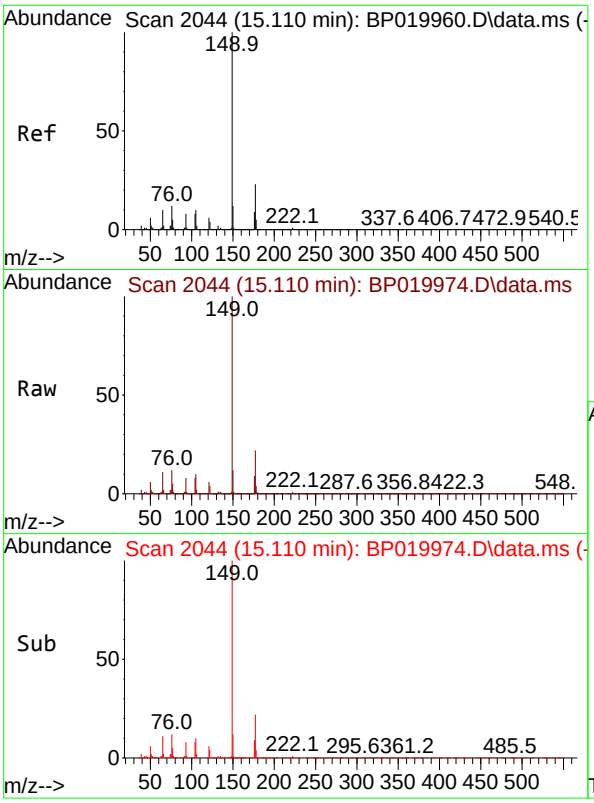


#58
2,3,4,6-Tetrachlorophenol
Concen: 35.485 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:232 Resp: 186491

Ion	Ratio	Lower	Upper
232	100		
131	39.6	34.2	51.2
130	2.4	1.8	2.6
166	29.0	24.2	36.2

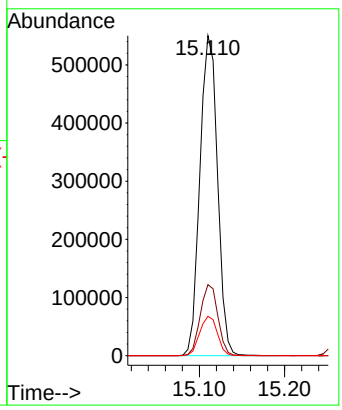




#59
Diethylphthalate
Concen: 38.626 ng/ul
RT: 15.110 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:149 Resp: 79078

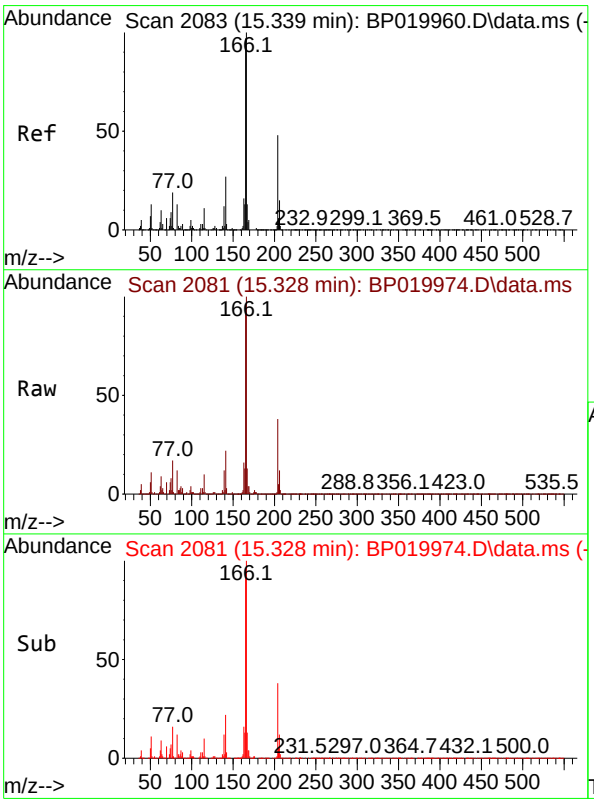
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.0	25.6
150	12.3	9.7	14.5



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

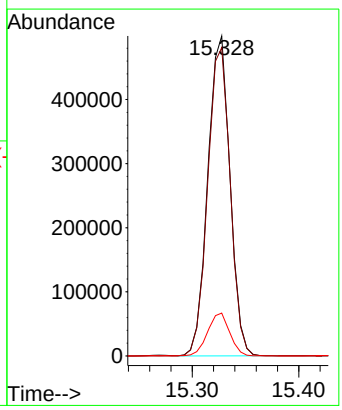
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

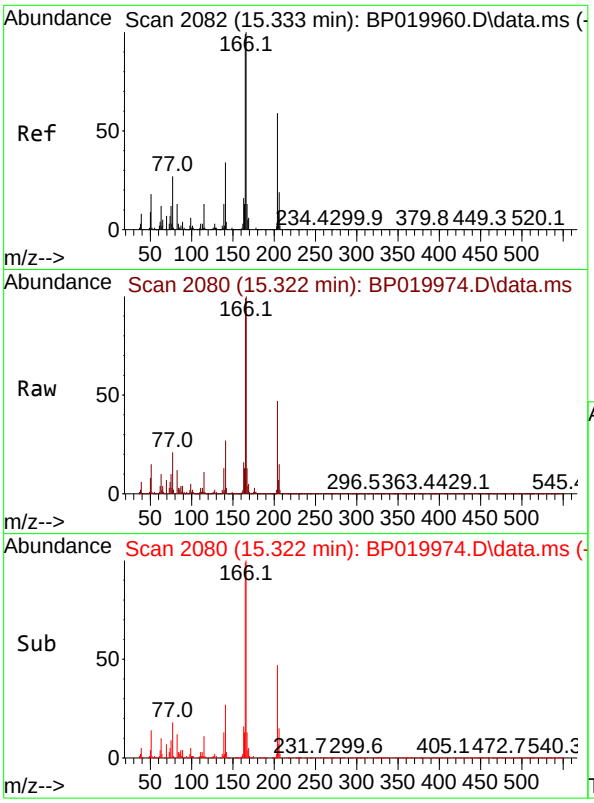


#61
Fluorene
Concen: 36.651 ng/ul
RT: 15.328 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:166 Resp: 720601

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.2	118.8
167	13.4	11.1	16.7





#62
4-Chlorophenyl-phenylether
Concen: 36.716 ng/ul
RT: 15.322 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

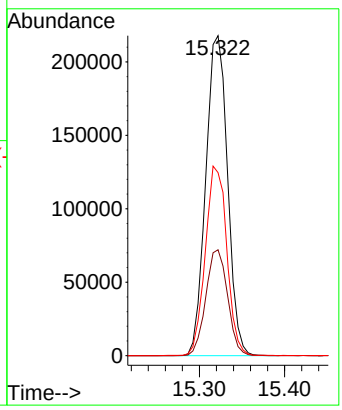
Tgt Ion:204 Resp: 38666

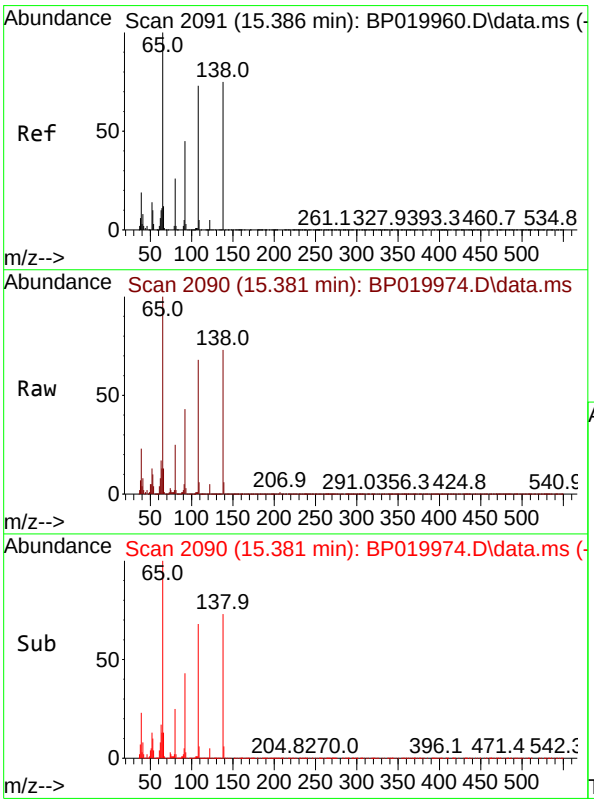
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	57.2	47.8	71.6

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

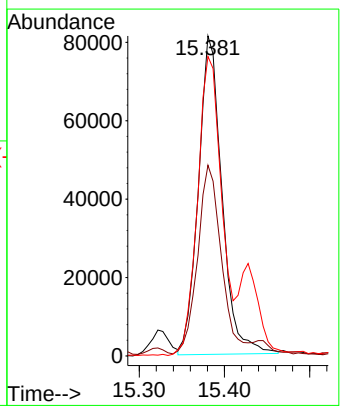


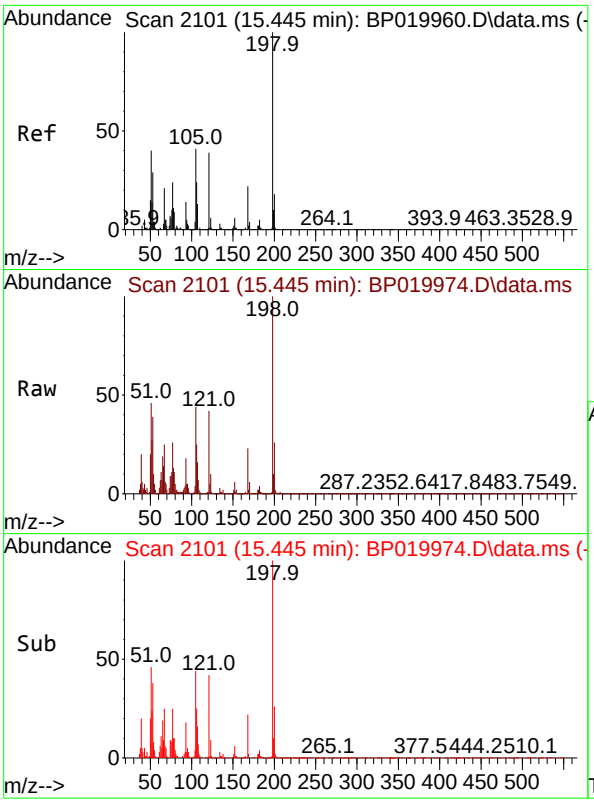


#63
4-Nitroaniline
Concen: 47.341 ng/ul
RT: 15.381 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:138 Resp: 156075

Ion	Ratio	Lower	Upper
138	100		
92	59.6	51.0	76.6
108	93.6	74.7	112.1





#66
4,6-Dinitro-2-methylphenol
Concen: 37.911 ng/ul
RT: 15.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

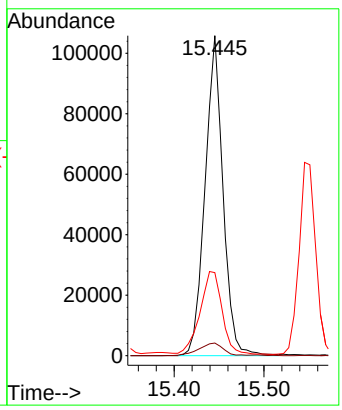
Tgt Ion:198 Resp: 14702

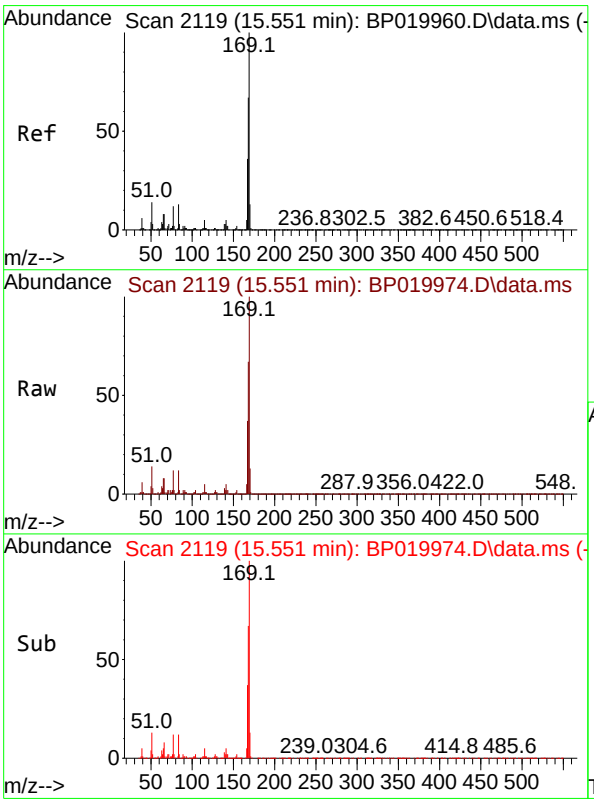
Ion	Ratio	Lower	Upper
198	100		
182	3.9	3.6	5.4
77	25.9	22.1	33.1

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

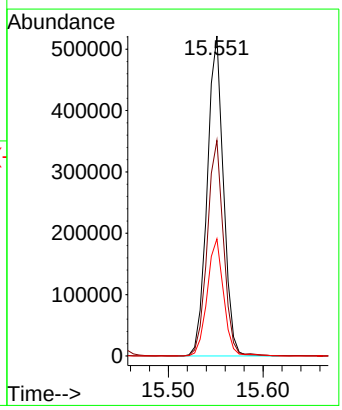


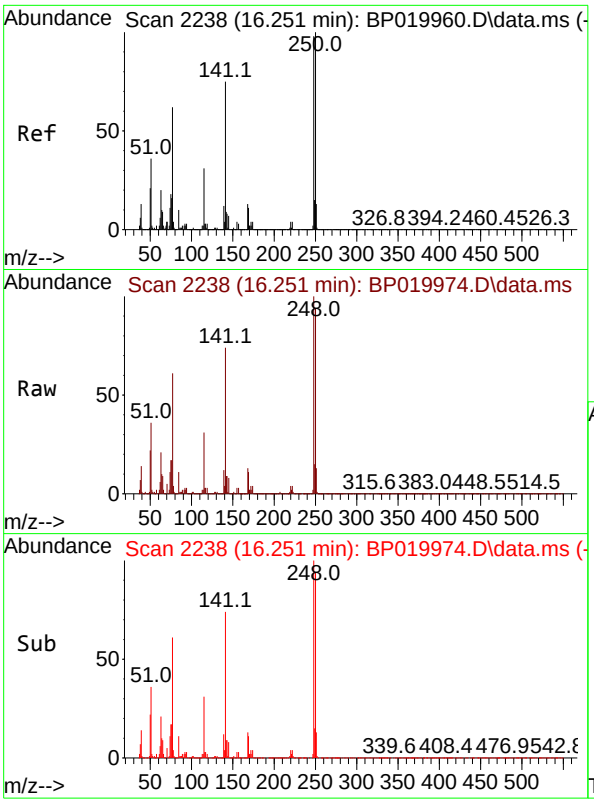


#67
N-Nitrosodiphenylamine
Concen: 36.732 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:169 Resp: 619366

Ion	Ratio	Lower	Upper
169	100		
168	67.4	52.5	78.7
167	36.6	28.0	42.0

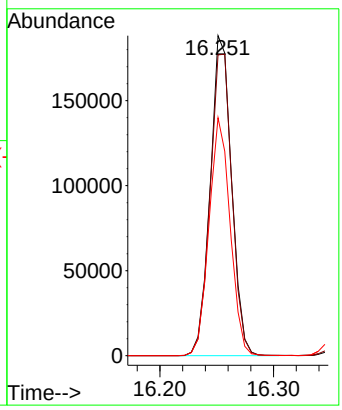




#68
4-Bromophenyl-phenylether
Concen: 37.014 ng/ul
RT: 16.251 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:248 Resp: 24523

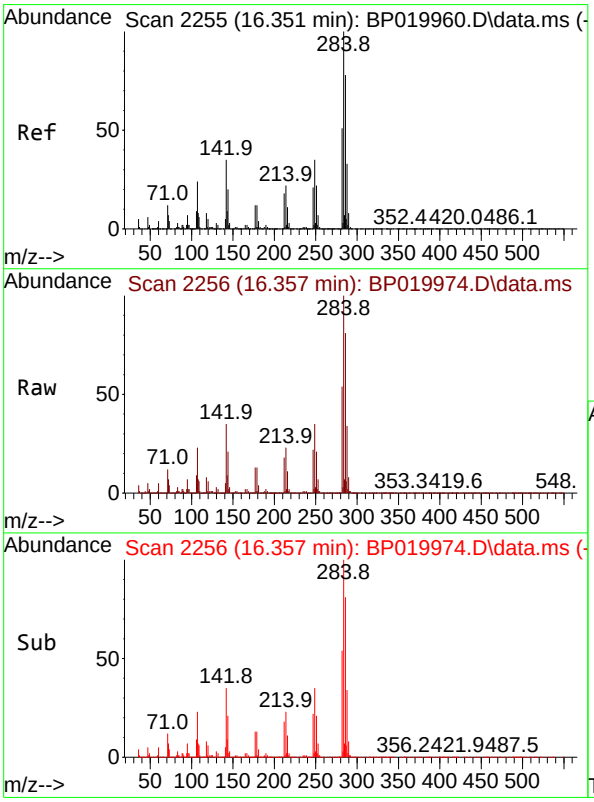
Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.3	114.5
141	74.4	56.8	85.2



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

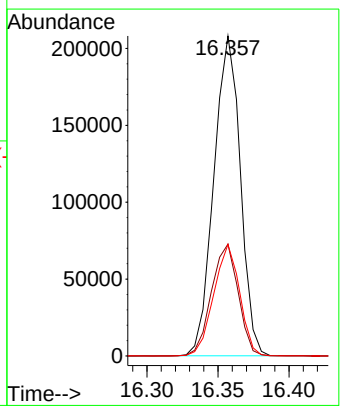
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

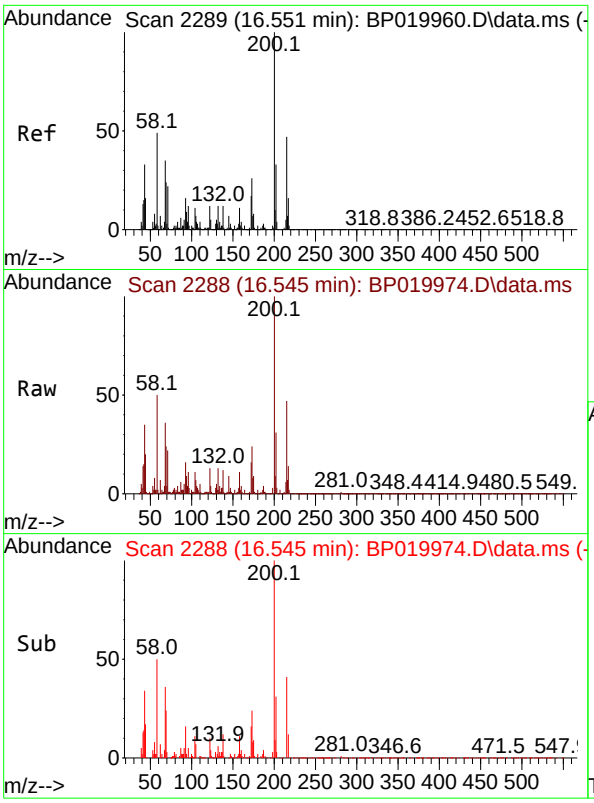


#69
Hexachlorobenzene
Concen: 36.610 ng/ul
RT: 16.357 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:284 Resp: 269329

Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.2	42.2
249	34.8	27.5	41.3

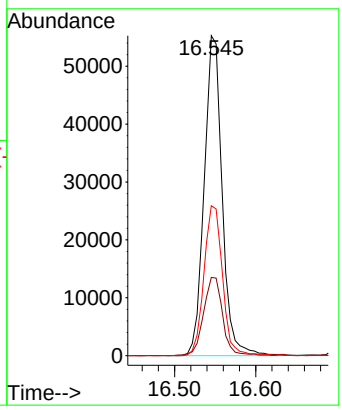




#70
Atrazine
Concen: 13.157 ng/ul
RT: 16.545 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:200 Resp: 8499

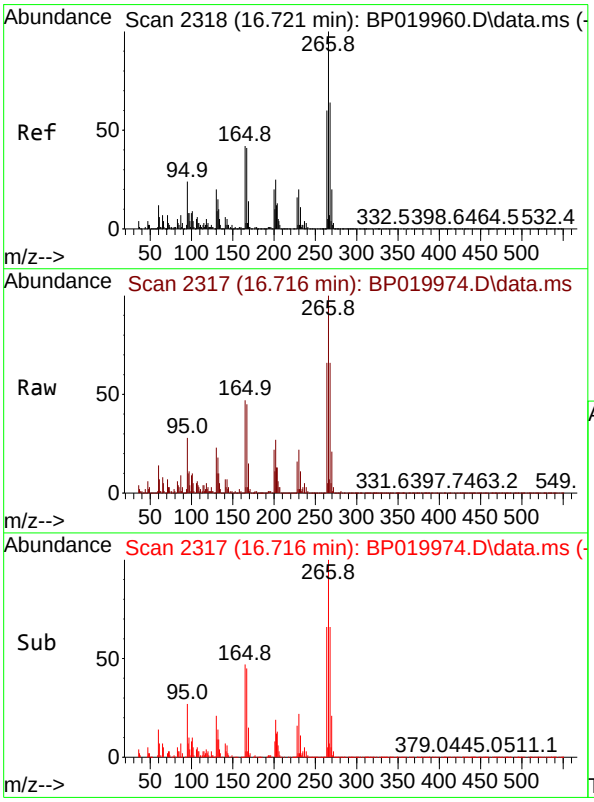
Ion	Ratio	Lower	Upper
200	100		
173	24.5	19.0	28.6
215	46.8	37.4	56.0



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

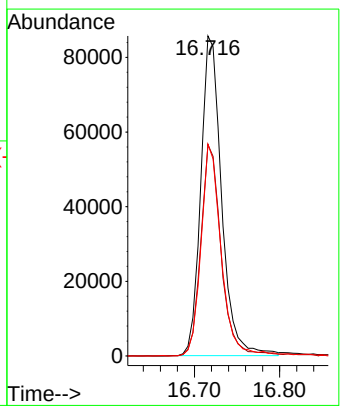
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

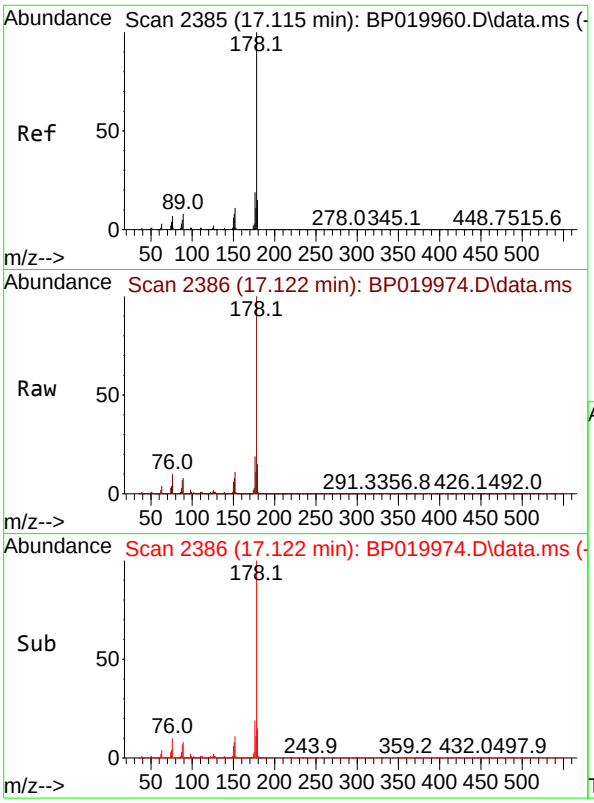


#71
Pentachlorophenol
Concen: 33.750 ng/ul
RT: 16.716 min Scan# 2317
Delta R.T. -0.017 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:266 Resp: 145551

Ion	Ratio	Lower	Upper
266	100		
264	66.1	49.9	74.9
268	66.1	52.5	78.7

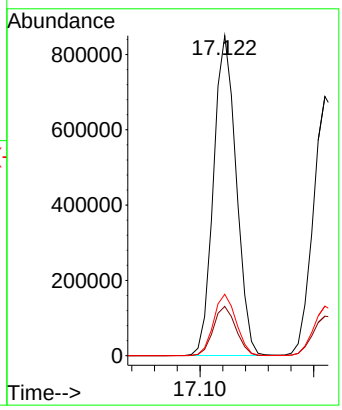




#72
Phenanthrene
Concen: 37.439 ng/ul
RT: 17.122 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:178 Resp: 118165

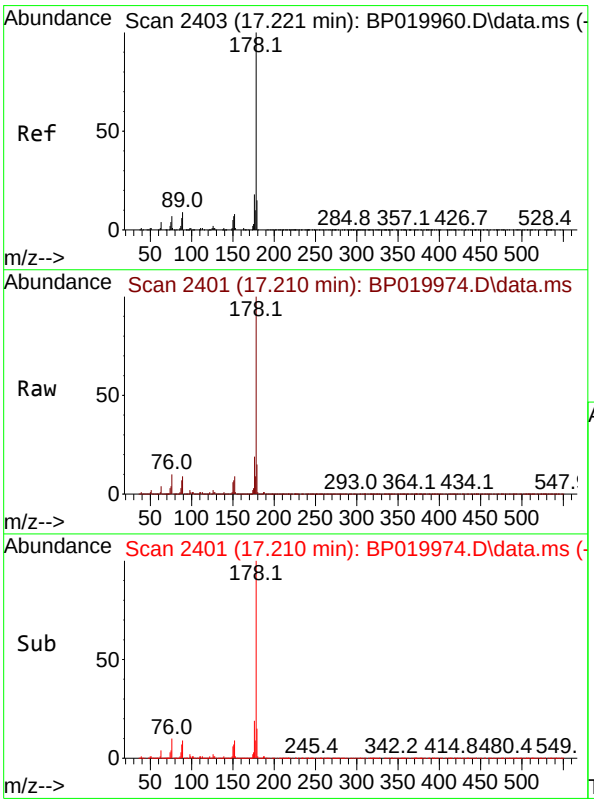
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.2	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

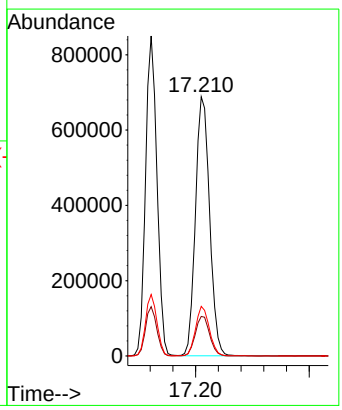
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

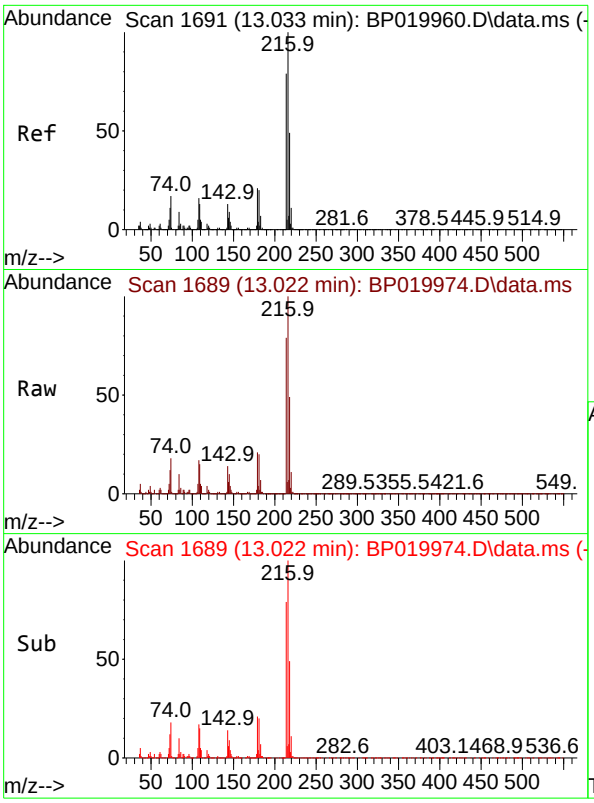


#74
Anthracene
Concen: 37.284 ng/ul
RT: 17.210 min Scan# 2401
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:178 Resp: 1194853

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.2	14.8	22.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 34.983 ng/uL
RT: 13.022 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

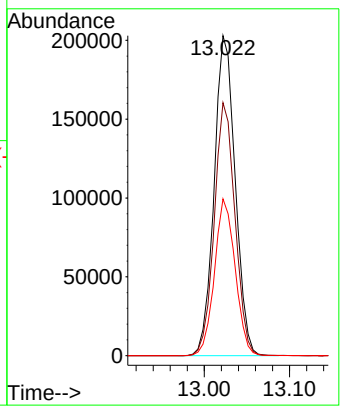
Tgt Ion:216 Resp: 34819

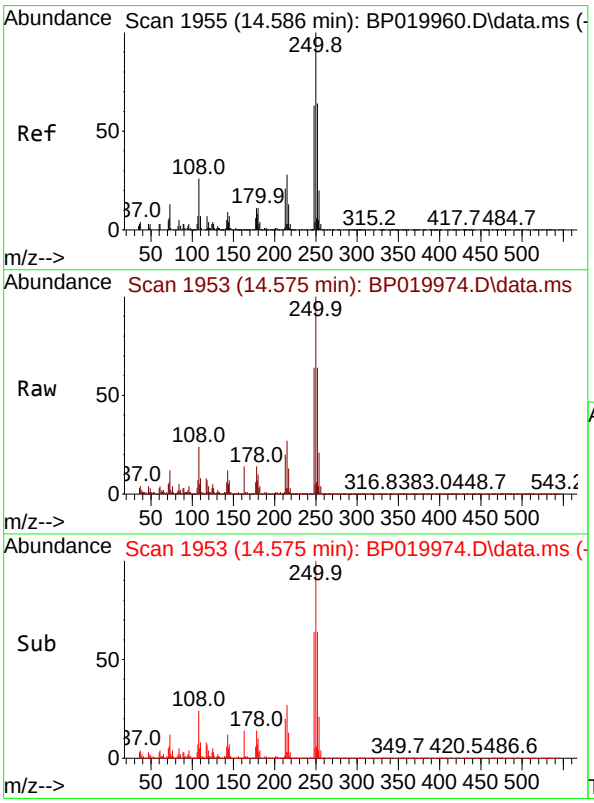
Ion	Ratio	Lower	Upper
216	100		
214	79.1	62.2	93.4
218	49.0	39.9	59.9

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

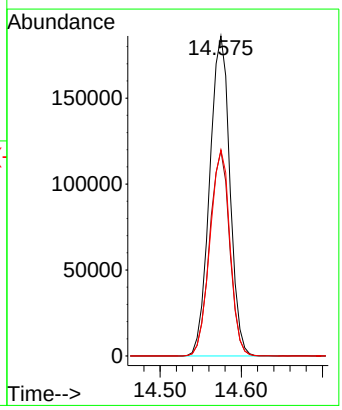


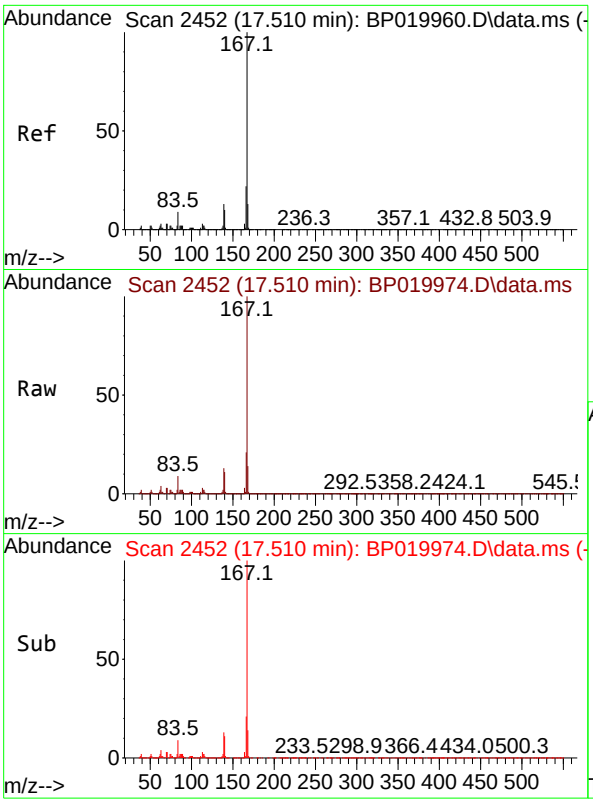


#76
Pentachlorobenzene
Concen: 34.885 ng/uL
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:250 Resp: 321556

Ion	Ratio	Lower	Upper
250	100		
248	64.1	51.3	76.9
252	64.4	51.1	76.7

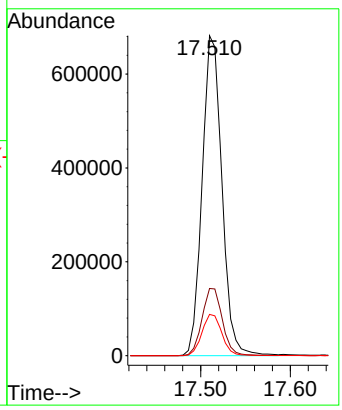




#77
Carbazole
Concen: 38.082 ng/ul
RT: 17.510 min Scan# 24
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:167 Resp: 104360

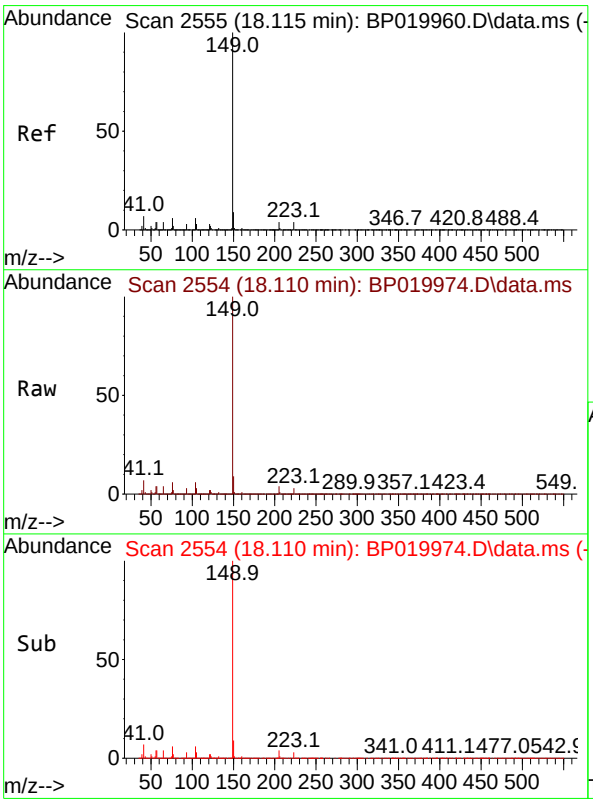
Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.8	25.2
139	12.9	10.2	15.4



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

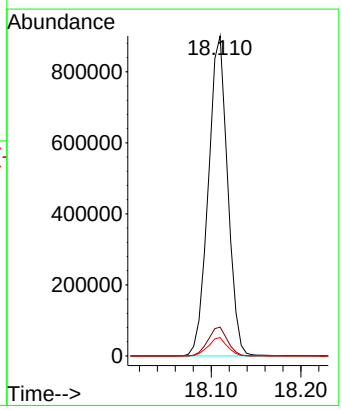
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

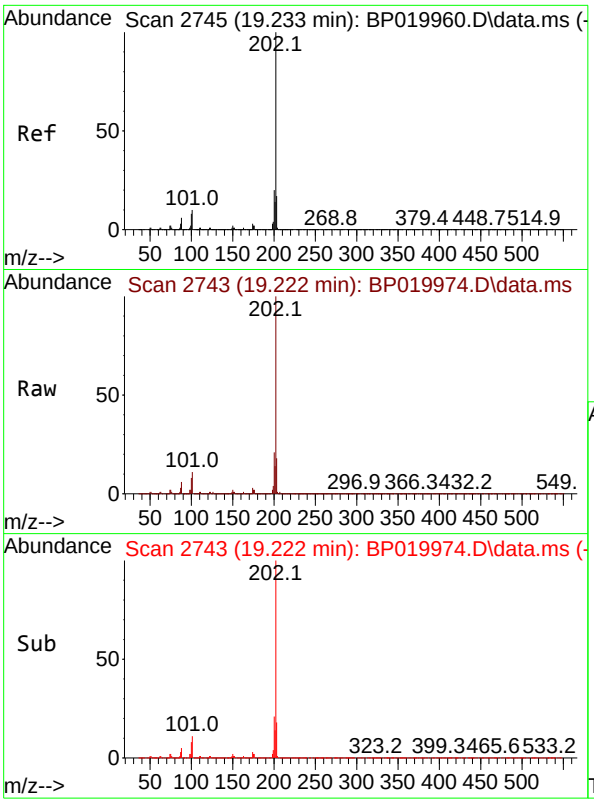


#78
Di-n-butylphthalate
Concen: 39.363 ng/ul
RT: 18.110 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:149 Resp: 1346875

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.6
104	5.7	4.2	6.4

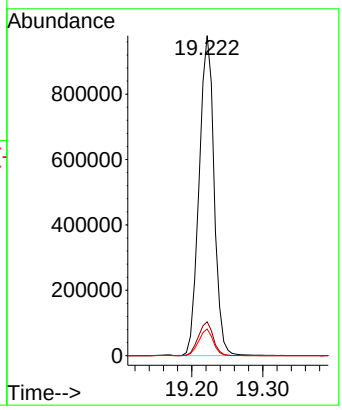




#80
Fluoranthene
Concen: 35.869 ng/ul
RT: 19.222 min Scan# 2
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:202 Resp: 143713

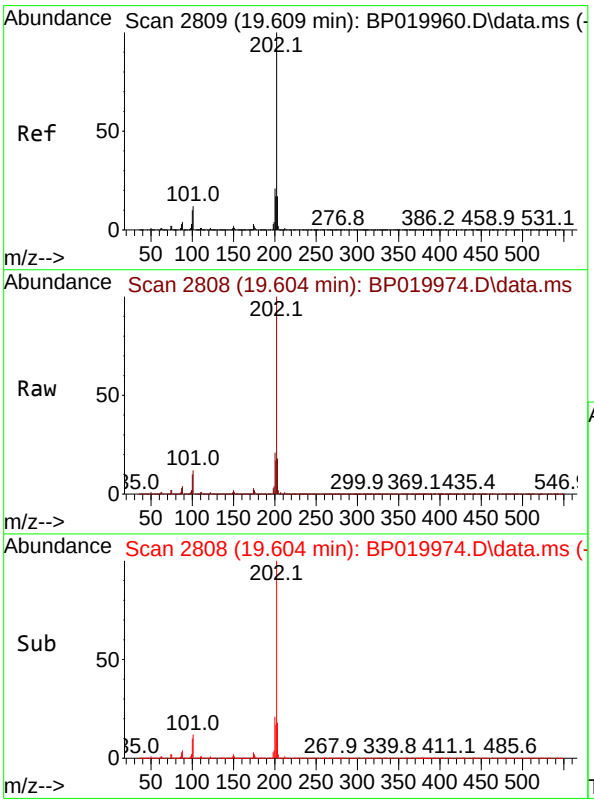
Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.8	13.2
100	8.3	6.6	9.8



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

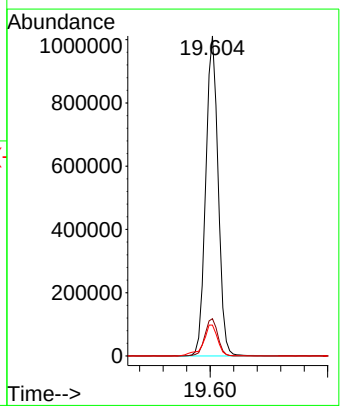
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

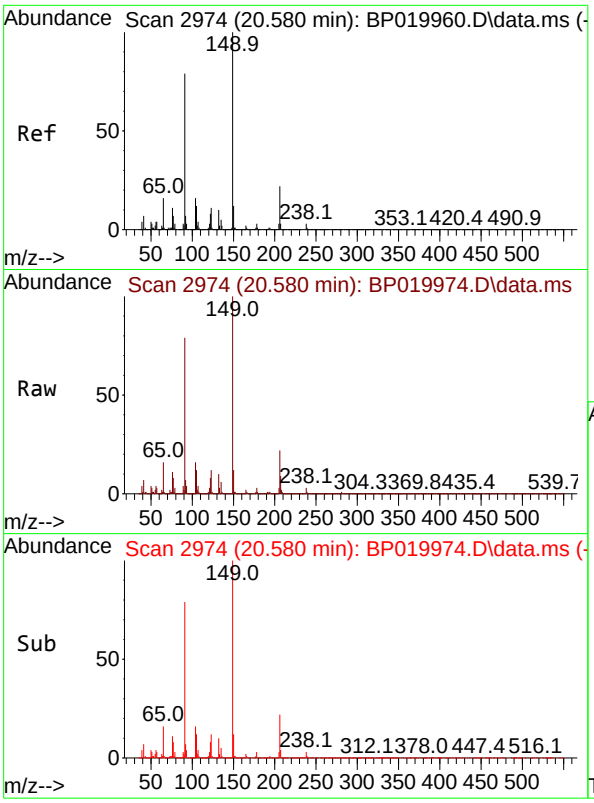


#82
Pyrene
Concen: 35.505 ng/ul
RT: 19.604 min Scan# 2808
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:202 Resp: 1478478

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
100	9.6	7.7	11.5





#83
Butylbenzylphthalate
Concen: 36.902 ng/ul
RT: 20.580 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

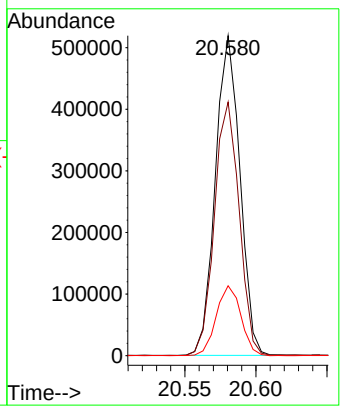
Tgt Ion:149 Resp: 62397

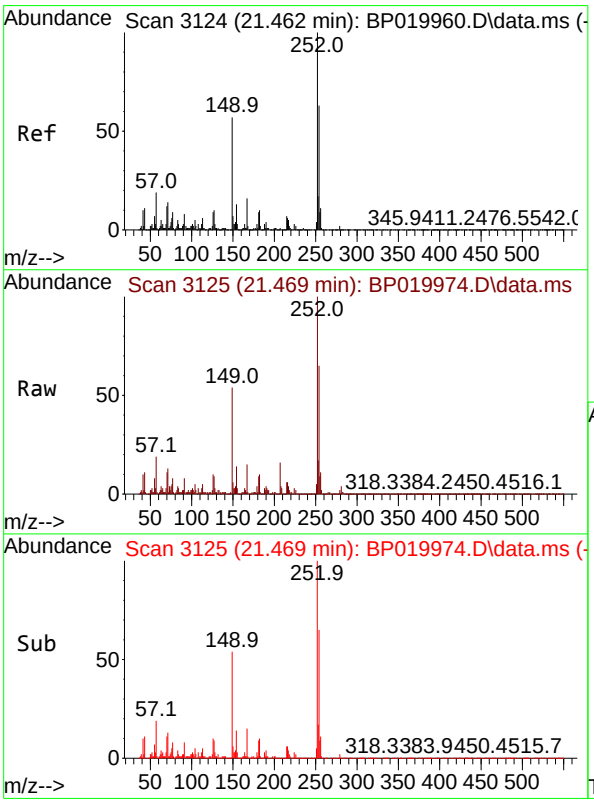
Ion	Ratio	Lower	Upper
149	100		
91	79.2	63.4	95.2
206	21.9	17.8	26.6

Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

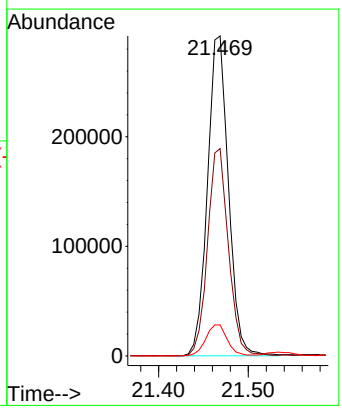


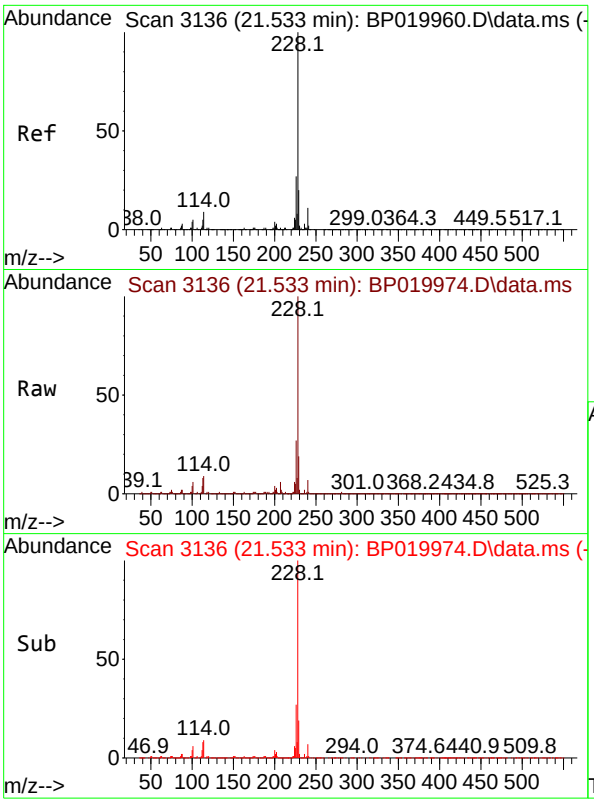


#84
3,3'-Dichlorobenzidine
Concen: 38.259 ng/ul
RT: 21.469 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:252 Resp: 473020

Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.4	78.6
126	9.7	8.1	12.1

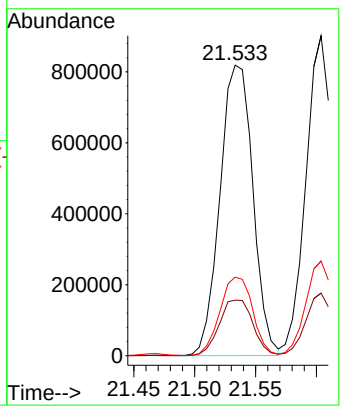




#85
Benzo(a)anthracene
Concen: 38.307 ng/ul
RT: 21.533 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:228 Resp: 154121

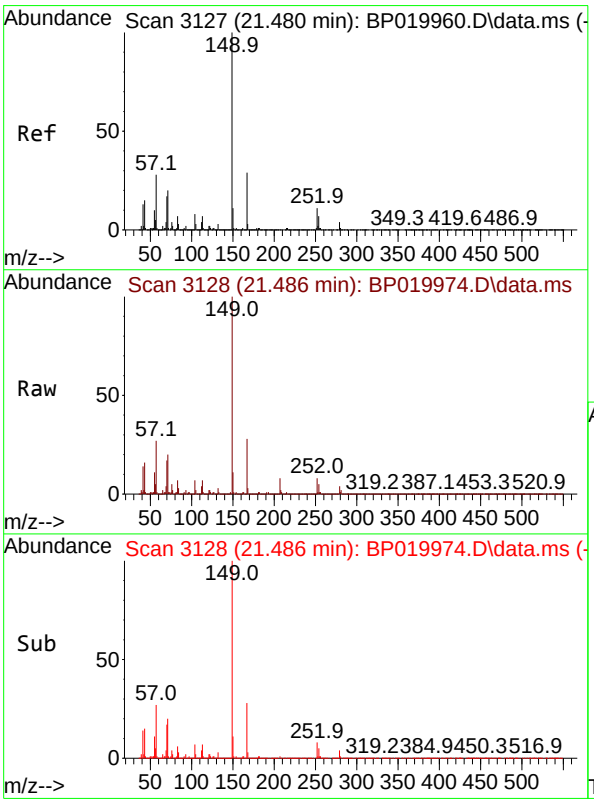
Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.6	23.4
226	27.1	22.1	33.1



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

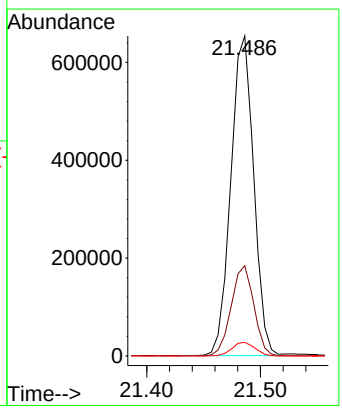
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

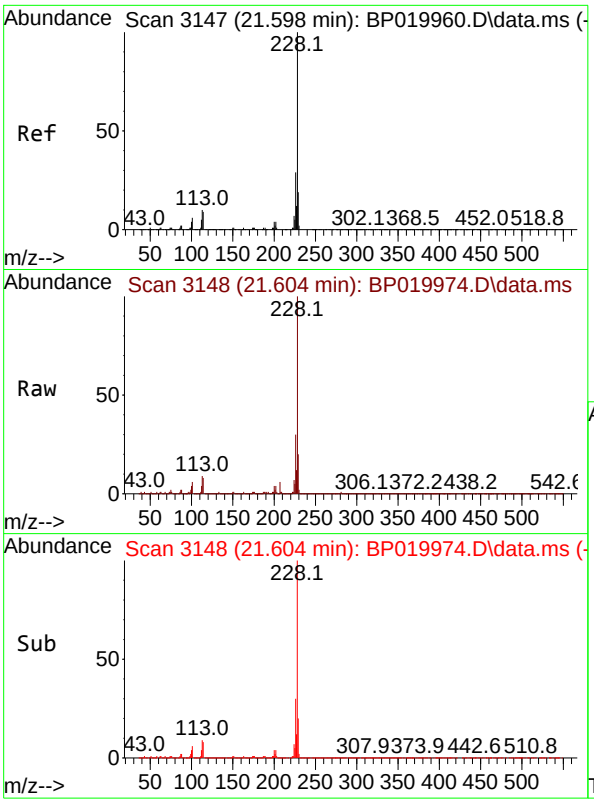


#86
Bis(2-ethylhexyl)phthalate
Concen: 36.946 ng/ul
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:149 Resp: 912837

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.6
279	4.3	3.6	5.4

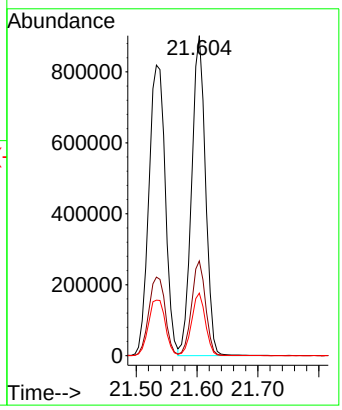




#87
Chrysene
Concen: 37.988 ng/ul
RT: 21.604 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:228 Resp: 142094

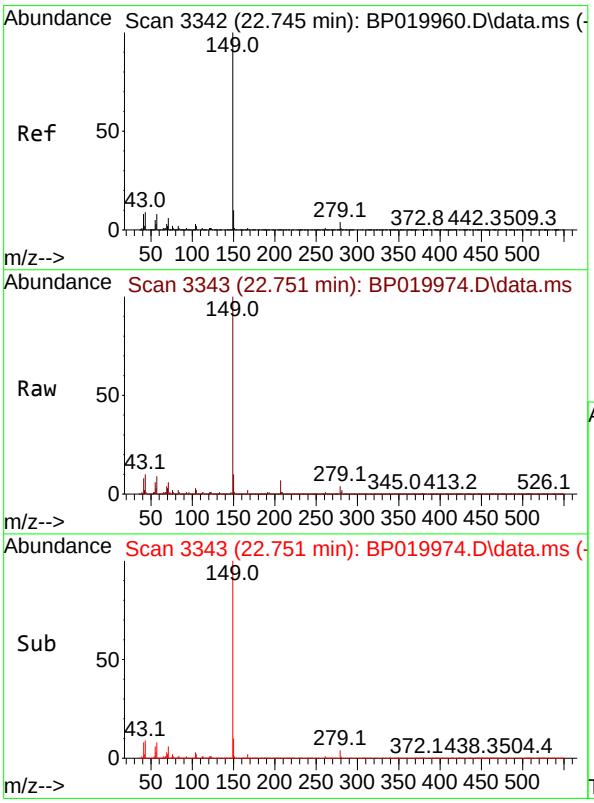
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.2	34.8
229	19.5	15.3	22.9



Instrument :
BNA_P
ClientSampleId :
SLCS746

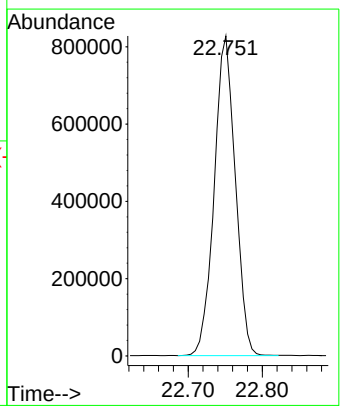
Manual Integrations
APPROVED

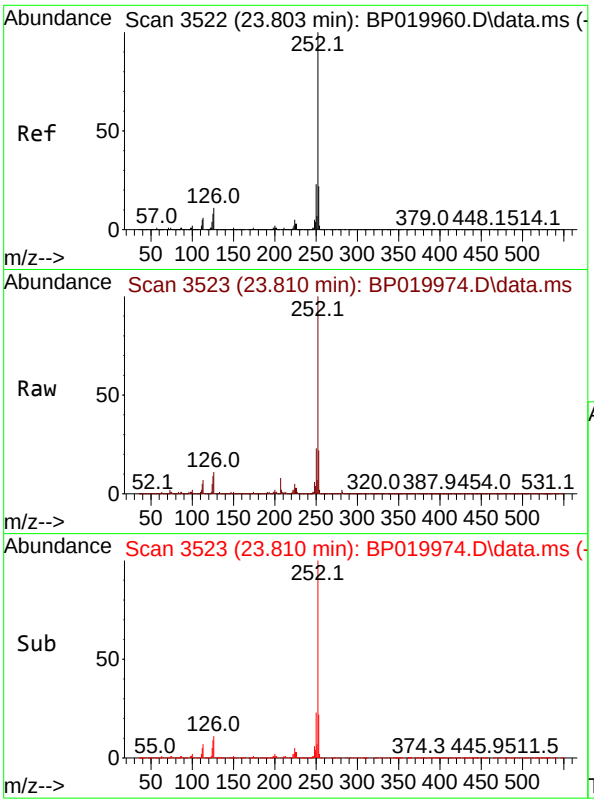
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#89
Di-n-octyl phthalate
Concen: 38.090 ng/ul
RT: 22.751 min Scan# 3343
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:149 Resp: 1632886

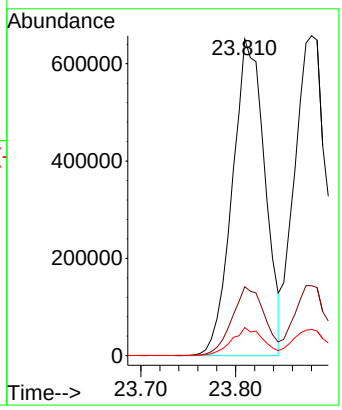




#90
Benzo(b)fluoranthene
Concen: 39.054 ng/ul
RT: 23.810 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:252 Resp: 154764

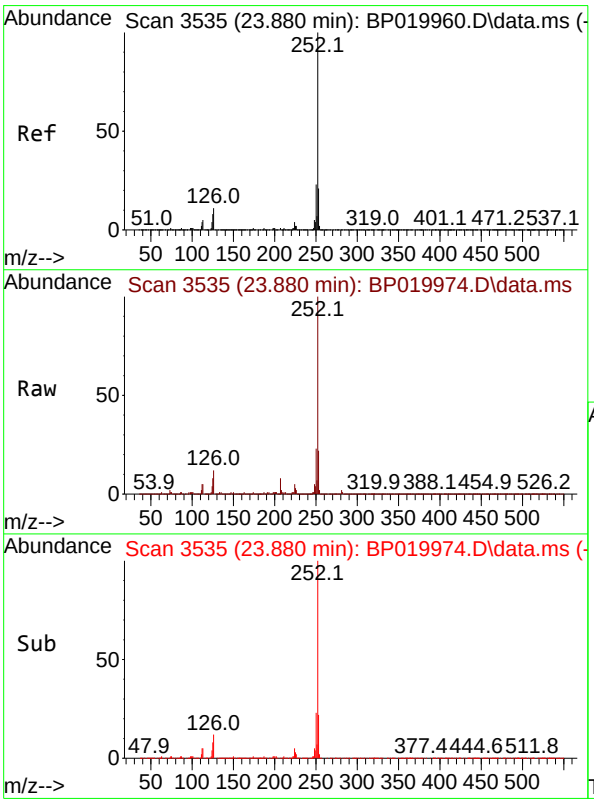
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.9	6.5	9.7



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

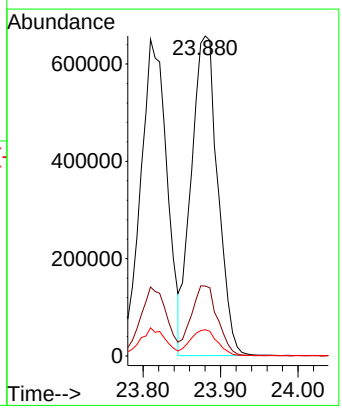
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

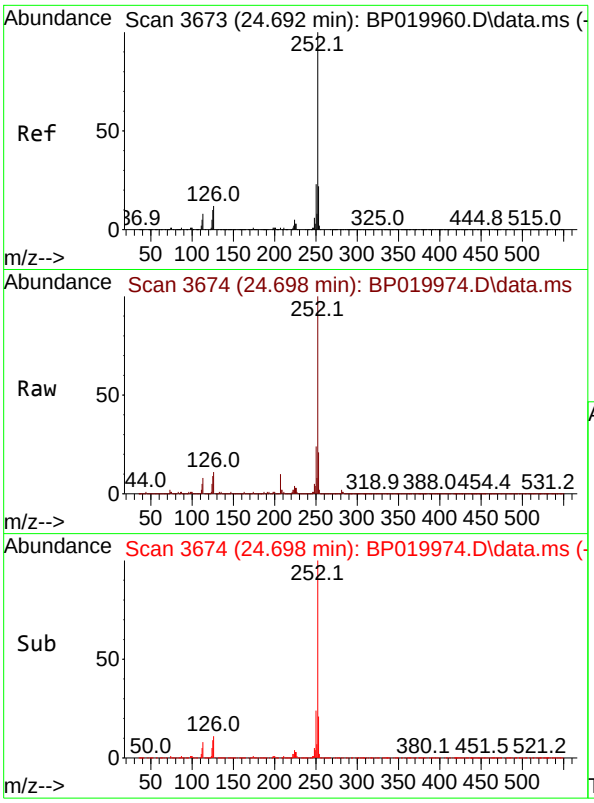


#91
Benzo(k)fluoranthene
Concen: 38.795 ng/ul
RT: 23.880 min Scan# 3535
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:252 Resp: 1562291

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	8.2	7.1	10.7

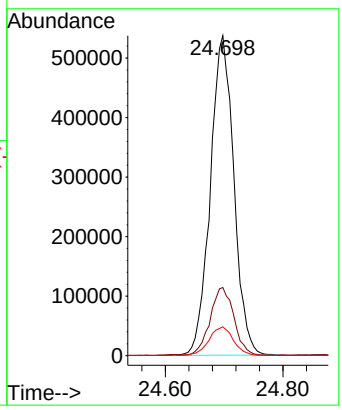




#93
Benzo(a)pyrene
Concen: 38.887 ng/ul
RT: 24.698 min Scan# 3
Delta R.T. -0.011 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:252 Resp: 149061

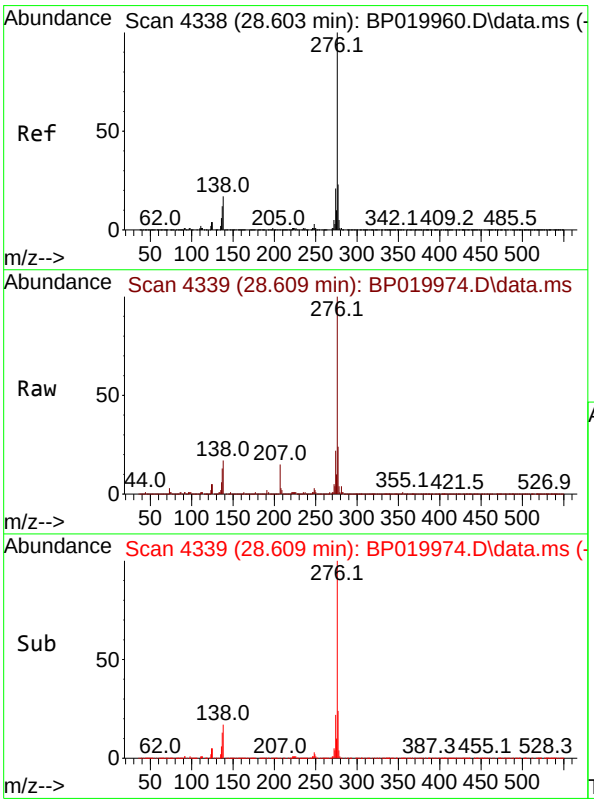
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.0	7.4	11.2



Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

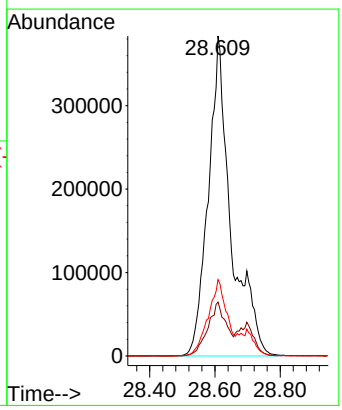
Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024

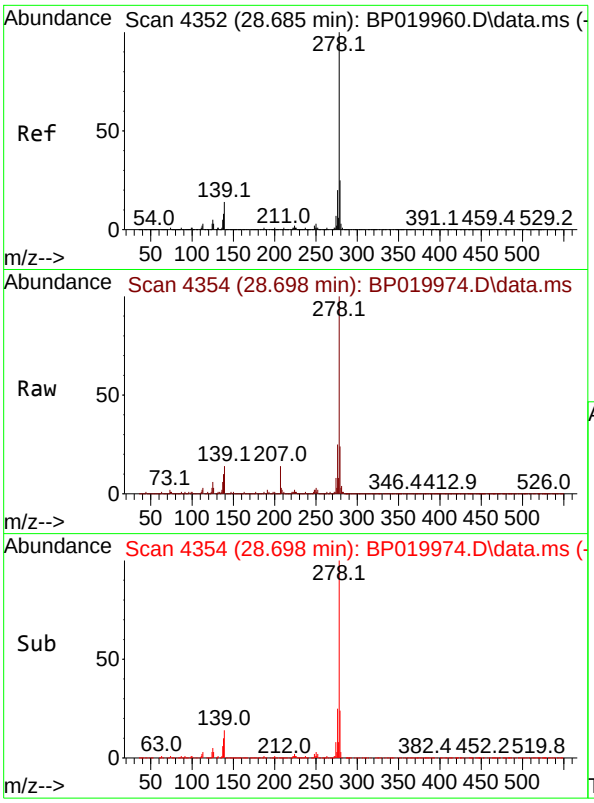


#94
Indeno(1,2,3-cd)pyrene
Concen: 38.365 ng/ul m
RT: 28.609 min Scan# 4339
Delta R.T. 0.006 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:276 Resp: 1852250

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.1	19.7
277	23.8	19.5	29.3

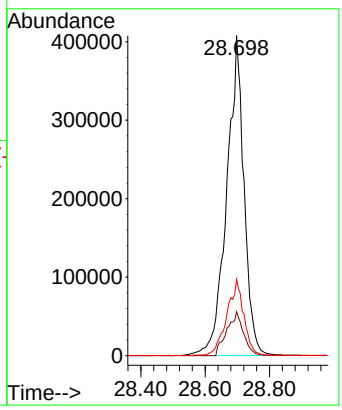




#95
Dibenzo(a,h)anthracene
Concen: 38.875 ng/ul
RT: 28.698 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:278 Resp: 152672

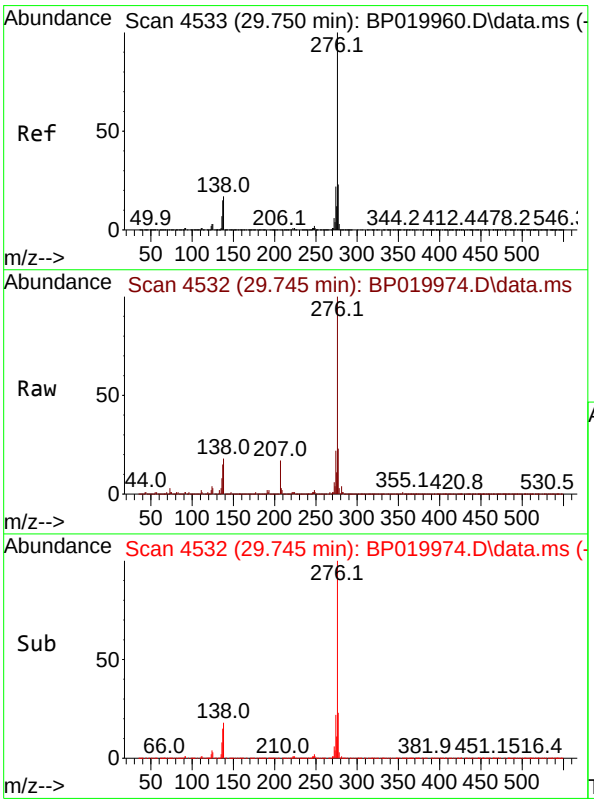
Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.4	17.2
279	23.9	19.7	29.5



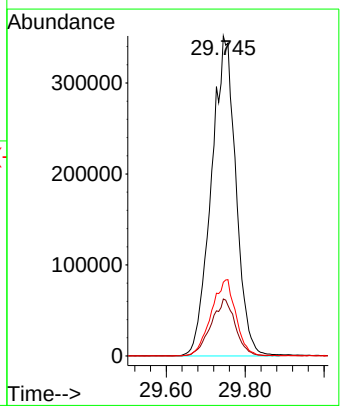
Instrument :
BNA_P
ClientSampleId :
SLCS746

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/26/2024
Supervised By :mohammad ahmed 03/26/2024



#96
Benzo(g,h,i)perylene
Concen: 38.953 ng/ul m
RT: 29.745 min Scan# 4532
Delta R.T. -0.047 min
Lab File: BP019974.D
Acq: 23 Mar 2024 03:47

Tgt Ion:276 Resp: 1519075

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.5	23.3
277	23.1	18.8	28.2