

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
 Data File : BP020107.D
 Acq On : 23 Apr 2024 18:18
 Operator : MA/JU
 Sample : P2154-09DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 XA398DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 01:56:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 24 00:55:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	92551	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	361156	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	232213	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	501775	20.000	ng/ul	0.00
79) Chrysene-d12	21.663	240	485848	20.000	ng/ul	0.00
88) Perylene-d12	25.051	264	528586	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	3375	1.657	ng/uL	0.00
4) Pyridine-d5	3.640	84	28289	4.631	ng/ul	0.00
7) Phenol-d5	6.822	99	59447	7.659	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	40555	8.038	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	43222	7.702	ng/ul	0.00
15) 4-Methylphenol-d8	8.351	113	45037	7.554	ng/ul	0.01
21) Nitrobenzene-d5	8.799	128	20772	7.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	23603	7.599	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.051	165	38701	6.749	ng/ul	0.00
31) 4-Chloroaniline-d4	10.581	131	31362	4.394	ng/ul	0.01
46) Dimethylphthalate-d6	13.728	166	140829	8.679	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	158800	8.338	ng/ul	0.01
54) 4-Nitrophenol-d4	14.628	143	17752m	7.311	ng/ul	0.06
60) Fluorene-d10	15.345	176	125770	8.981	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	9946m	4.132	ng/ul	0.01
73) Anthracene-d10	17.263	188	200941	9.042	ng/ul	0.00
81) Pyrene-d10	19.663	212	249648	9.030	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.821	264	237982	9.261	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Bis(2-Chloroethyl)ether	7.081	93	154683	23.904	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	278883m	30.990	ng/ul	
22) Nitrobenzene	8.840	77	44050	5.379	ng/ul	100
23) Isophorone	9.357	82	83828	5.669	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.840	93	151831	17.957	ng/ul	98
36) 2-Methylnaphthalene	12.092	142	162716	13.118	ng/ul	100
47) Dimethylphthalate	13.775	163	584116	35.382	ng/ul	99
50) Acenaphthylene	14.034	152	95458	4.482	ng/ul#	96
52) Acenaphthene	14.386	153	133845	9.545	ng/ul	98
61) Fluorene	15.404	166	162973	10.216	ng/ul	99
68) 4-Bromophenyl-phenylether	16.322	248	25262	4.619	ng/ul	98
69) Hexachlorobenzene	16.428	284	63777	10.298	ng/ul	97
72) Phenanthrene	17.204	178	214783	8.348	ng/ul	99
74) Anthracene	17.298	178	228128	8.729	ng/ul	99
78) Di-n-butylphthalate	18.192	149	653721	23.491	ng/ul	99
82) Pyrene	19.698	202	175366	5.229	ng/ul	96
83) Butylbenzylphthalate	20.674	149	247119	18.317	ng/ul	99
85) Benzo(a)anthracene	21.645	228	142421	4.228	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	395363	19.932	ng/ul	100
89) Di-n-octyl phthalate	22.904	149	939274	28.349	ng/ul	100
90) Benzo(b)fluoranthene	23.986	252	172984	5.407	ng/ul	98
91) Benzo(k)fluoranthene	24.051	252	203833	6.506	ng/ul	99
93) Benzo(a)pyrene	24.892	252	76086	2.544	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.009	278	259523m	8.829	ng/ul	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

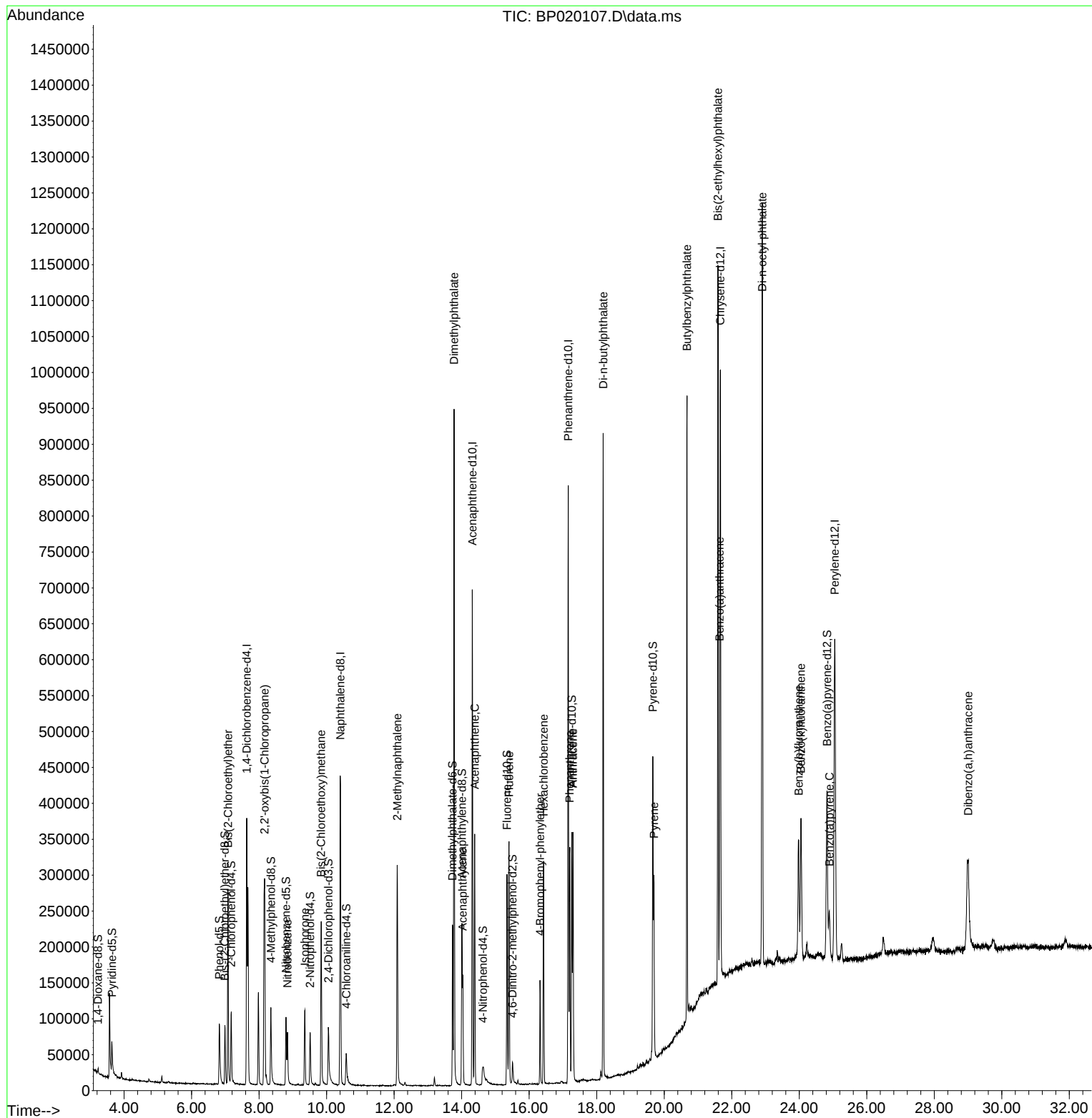
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042324\
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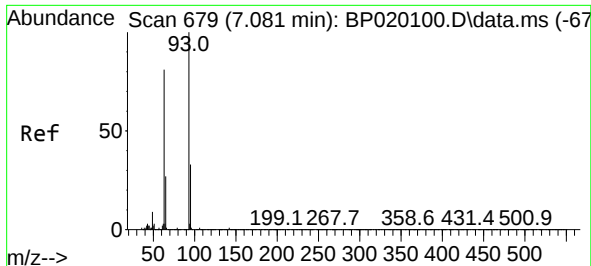
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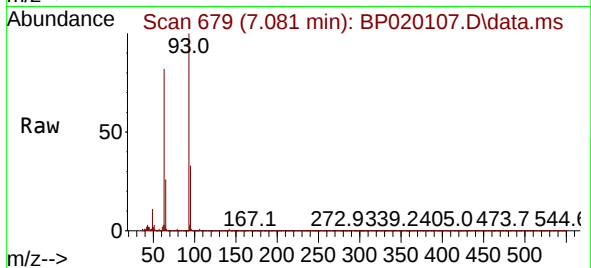
#10
 Bis(2-Chloroethyl)ether
 Concen: 23.904 ng/ul
 RT: 7.081 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL



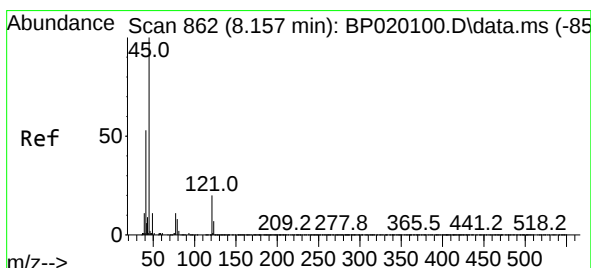
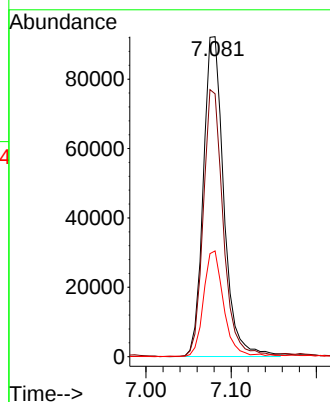
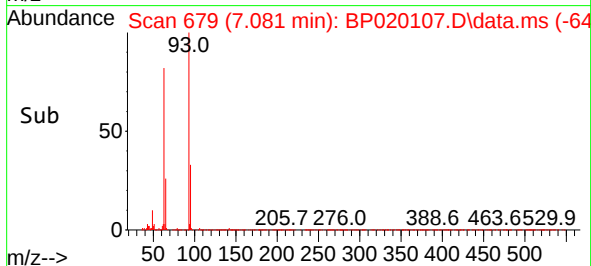
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 Ion Ratio Lower Upper
 93 100
 63 82.1 64.7 97.1
 95 33.1 26.2 39.4

Manual Integrations

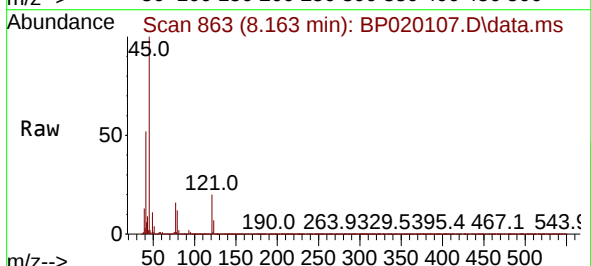
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Reviewed By :Yogesh Patel 04/26/2024

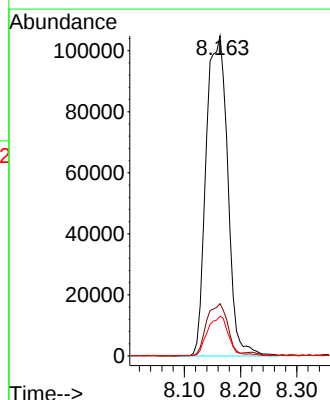
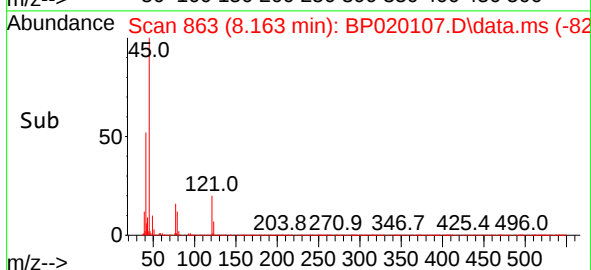
Supervised By :mohammad ahmed 04/27/2024

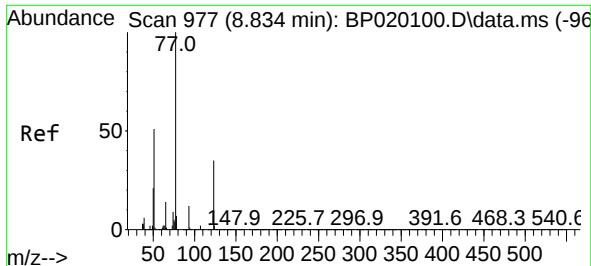


#14
 2,2'-oxybis(1-Chloropropane)
 Concen: 30.990 ng/ul m
 RT: 8.163 min Scan# 863
 Delta R.T. 0.006 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18



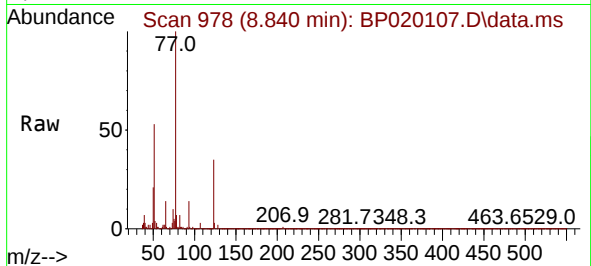
Tgt Ion: 45 Resp: 278883
 Ion Ratio Lower Upper
 45 100
 77 16.3 13.4 20.2
 79 12.4 10.7 16.1





#22
Nitrobenzene
Concen: 5.379 ng/ul
RT: 8.840 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

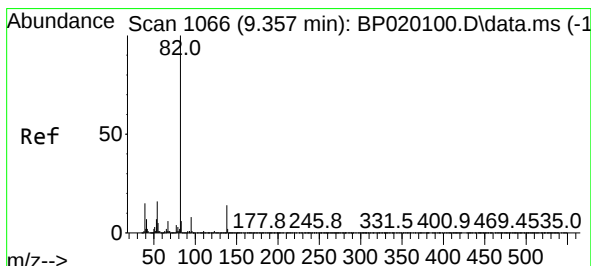
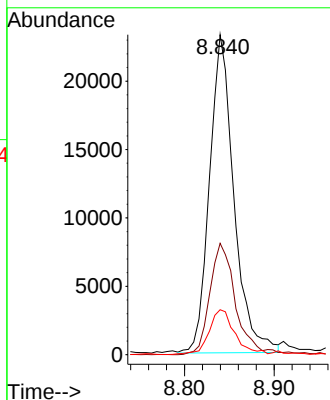
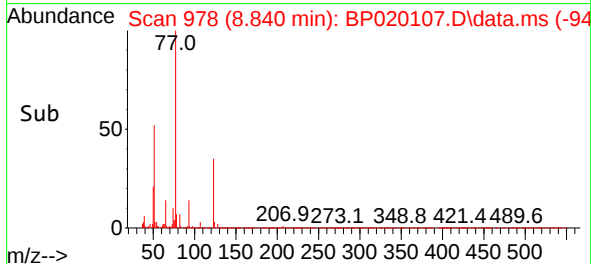
Instrument :
BNA_P
ClientSampleId :
XA398DL



Tgt Ion: 77 Resp: 44050
Ion Ratio Lower Upper
77 100
123 34.8 27.8 41.6
65 14.1 11.5 17.3

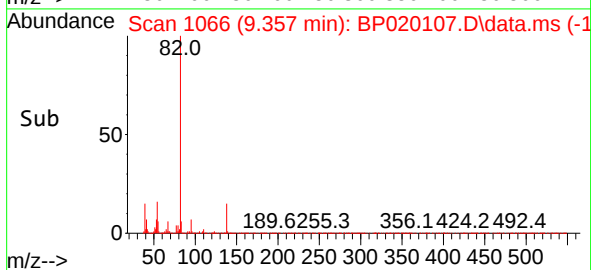
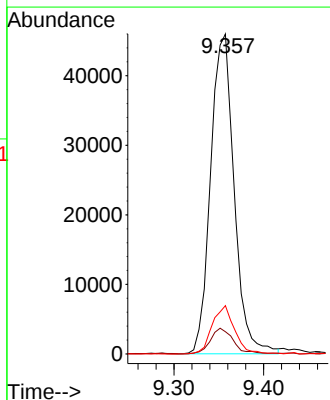
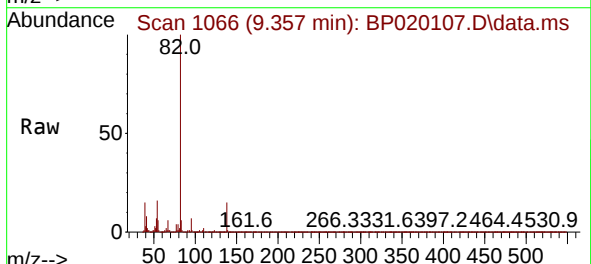
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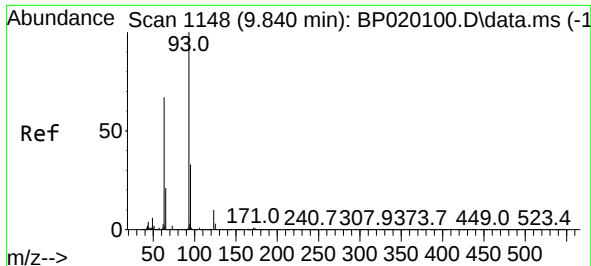
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#23
Isophorone
Concen: 5.669 ng/ul
RT: 9.357 min Scan# 1066
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion: 82 Resp: 83828
Ion Ratio Lower Upper
82 100
95 6.9 6.5 9.7
138 15.1 11.4 17.2





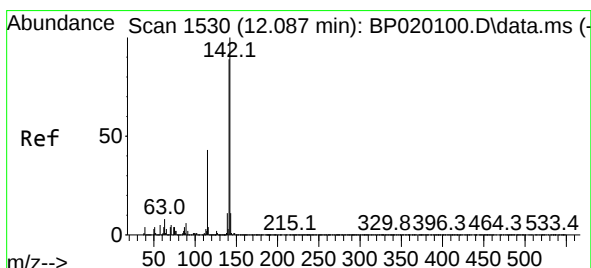
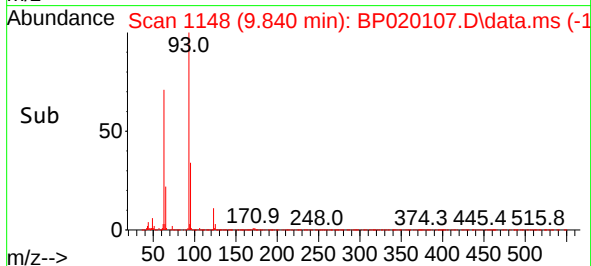
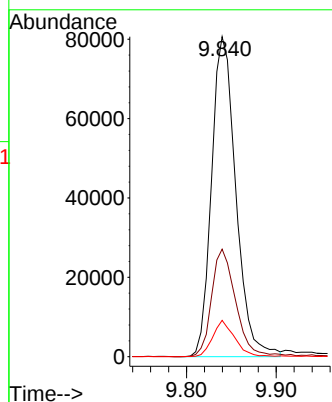
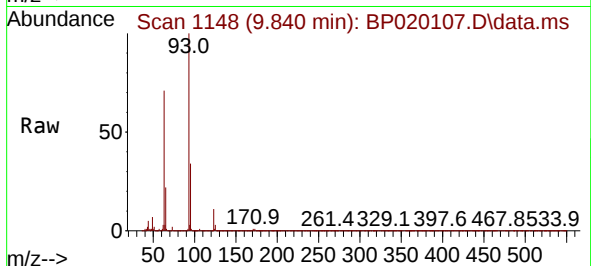
#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.957 ng/ul
 RT: 9.840 min Scan# 1148
 Delta R.T. -0.000 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

Instrument :
 BNA_P
 ClientSampleId :
 XA398DL

Tgt Ion: 93 Resp: 15183
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.2 39.4
 123 11.4 8.2 12.4

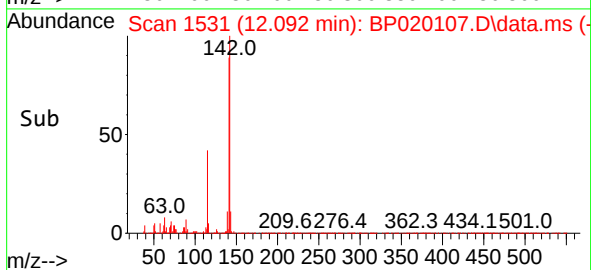
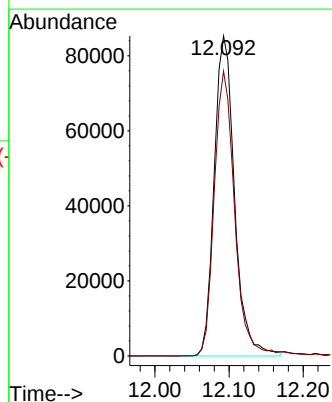
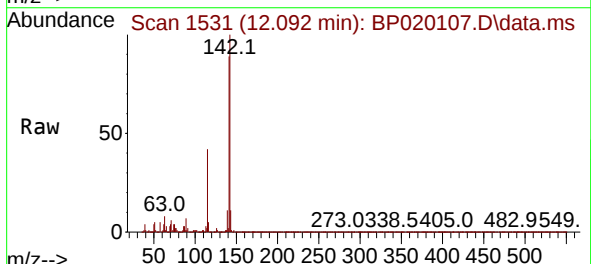
Manual Integrations
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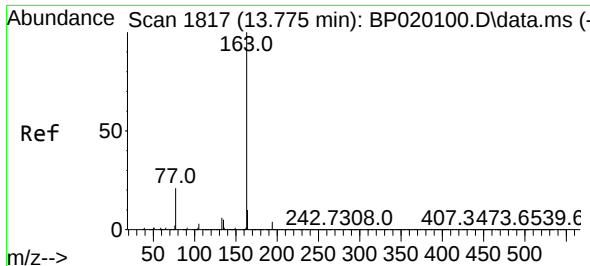
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#36
 2-Methylnaphthalene
 Concen: 13.118 ng/ul
 RT: 12.092 min Scan# 1531
 Delta R.T. 0.006 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

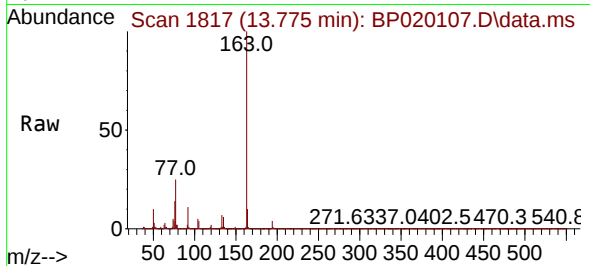
Tgt Ion:142 Resp: 162716
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.4 107.2





#47
Dimethylphthalate
Concen: 35.382 ng/ul
RT: 13.775 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

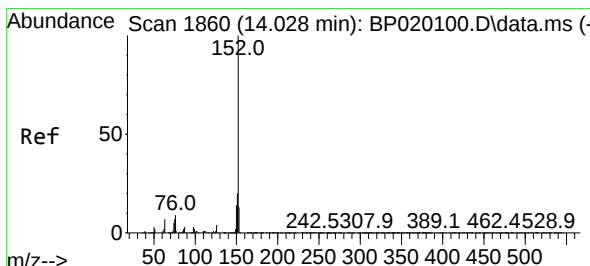
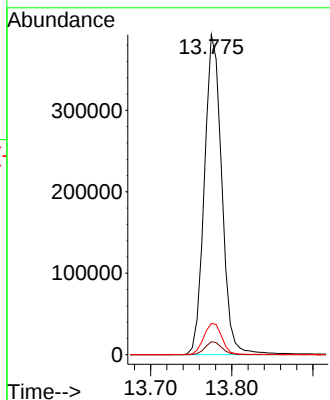
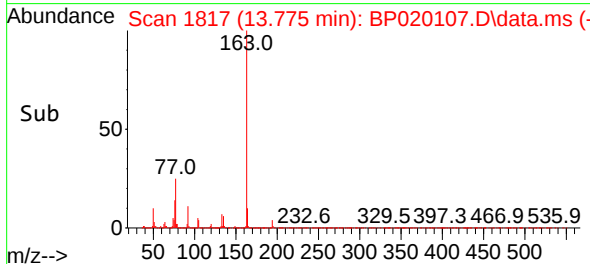
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BNA_P
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XA398DL



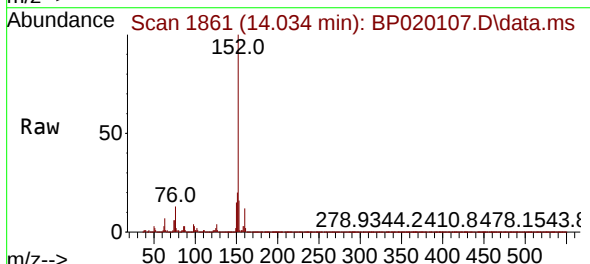
Tgt Ion:163 Resp: 584110
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.7 8.0 12.0

Manual Integrations
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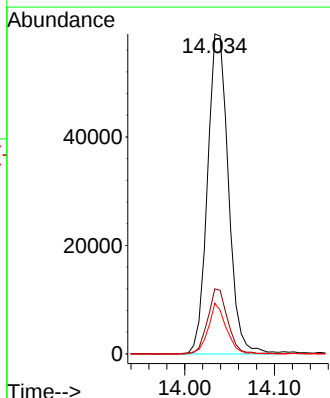
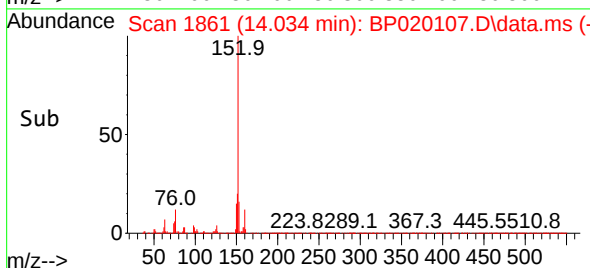
Reviewed By :Yogesh Patel 04/26/2024
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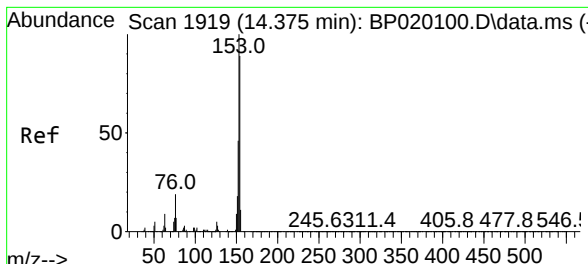


#50
Acenaphthylene
Concen: 4.482 ng/ul
RT: 14.034 min Scan# 1861
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18



Tgt Ion:152 Resp: 95458
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 15.9 10.3 15.5#





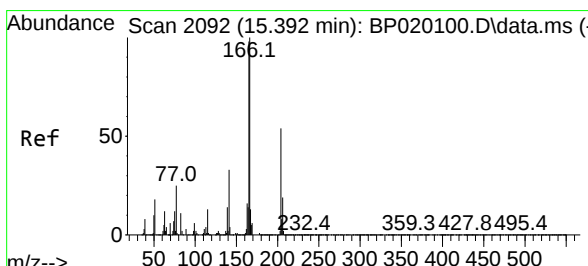
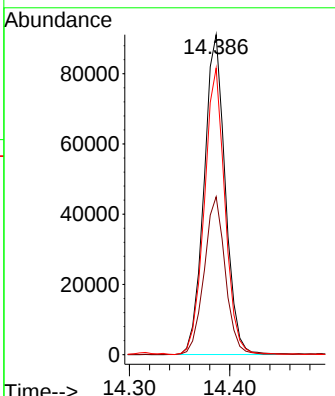
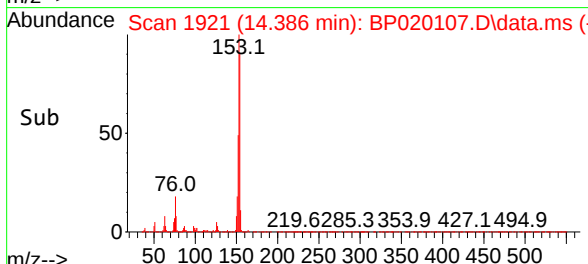
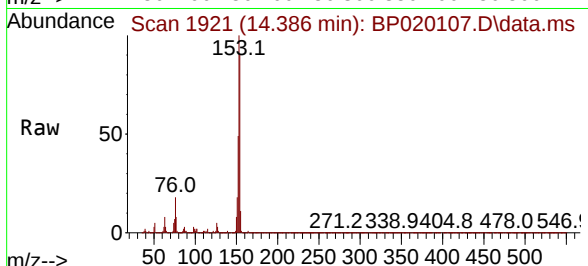
#52
 Acenaphthene
 Concen: 9.545 ng/ul
 RT: 14.386 min Scan# 1919
 Delta R.T. 0.012 min
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Tgt Ion:	153	Resp:	13384
Ion Ratio	Lower	Upper	
153	100		
152	49.3	36.9	55.3
154	89.5	71.6	107.4

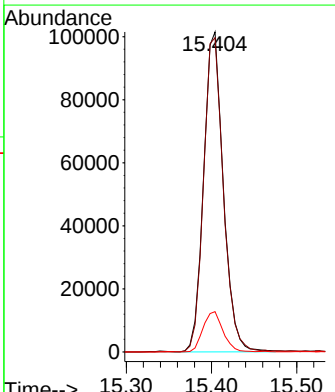
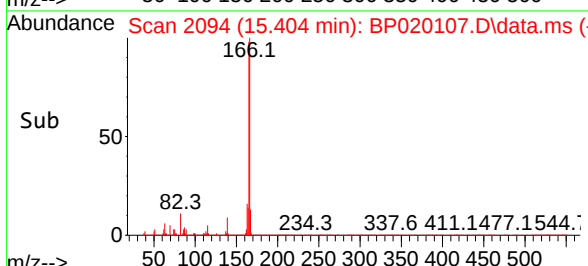
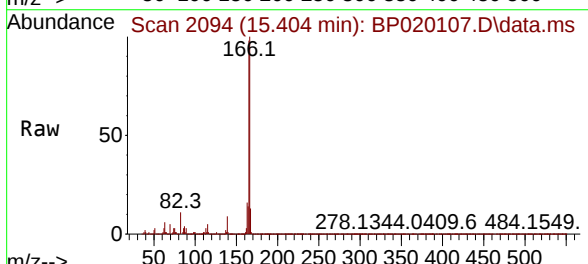
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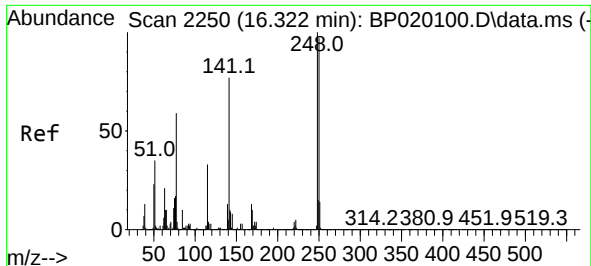
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#61
 Fluorene
 Concen: 10.216 ng/ul
 RT: 15.404 min Scan# 2094
 Delta R.T. 0.012 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

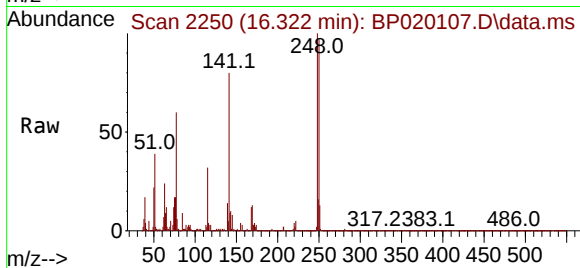
Tgt Ion:	166	Resp:	162973
Ion Ratio	Lower	Upper	
166	100		
165	98.2	78.0	117.0
167	12.6	10.4	15.6





#68
4-Bromophenyl-phenylether
Concen: 4.619 ng/ul
RT: 16.322 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

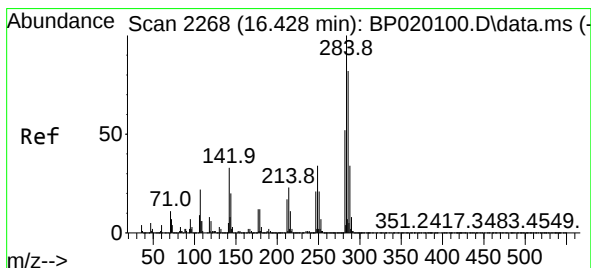
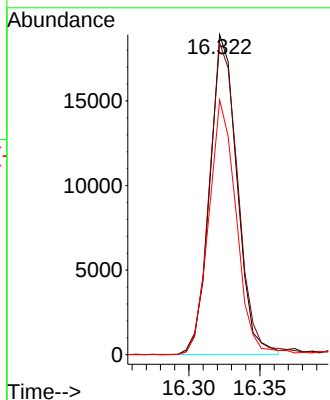
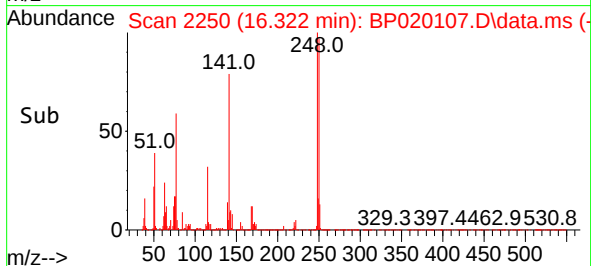
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Tgt Ion:248 Resp: 2526
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 79.6 61.4 92.0

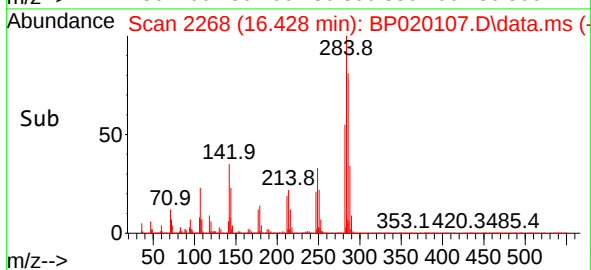
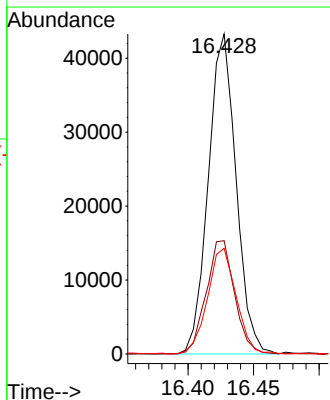
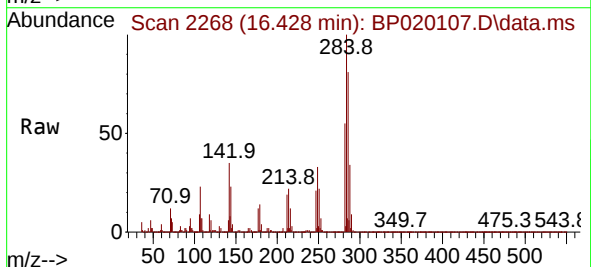
Manual Integrations
APPROVED

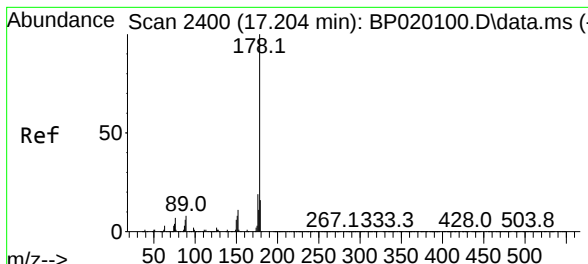
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#69
Hexachlorobenzene
Concen: 10.298 ng/ul
RT: 16.428 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion:284 Resp: 63777
Ion Ratio Lower Upper
284 100
142 35.4 26.2 39.2
249 33.0 27.0 40.4





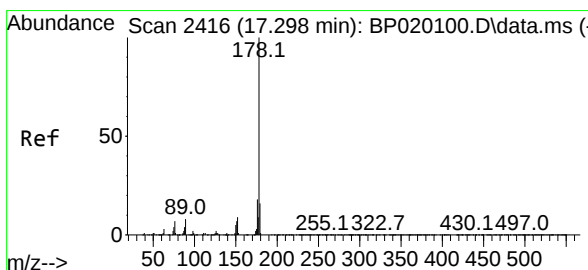
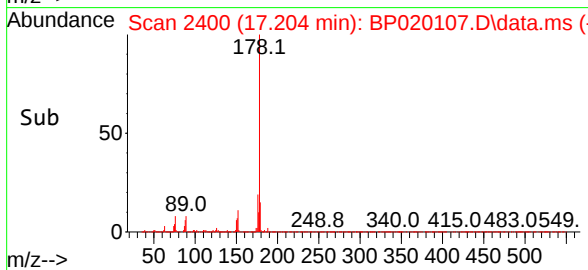
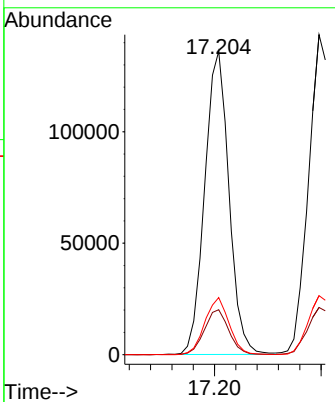
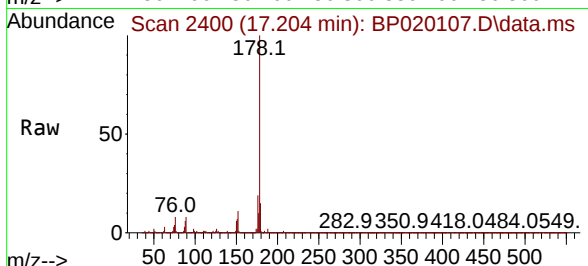
#72
 Phenanthrene
 Concen: 8.348 ng/ul
 RT: 17.204 min Scan# 2400
 Delta R.T. -0.000 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

Instrument : BNA_P
 ClientSampleId : XA398DL

Tgt Ion:178	Resp: 21478
Ion Ratio	Lower Upper
178 100	
179 14.8	12.6 18.8
176 18.8	15.0 22.4

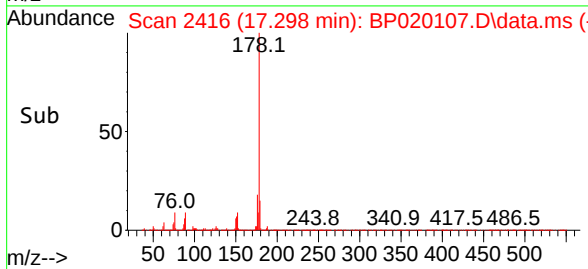
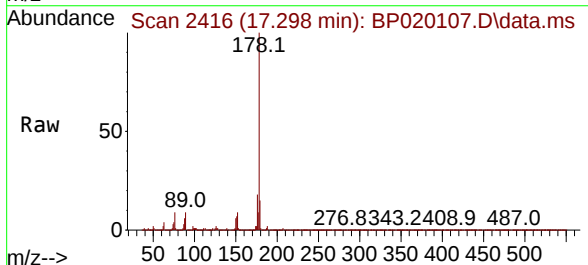
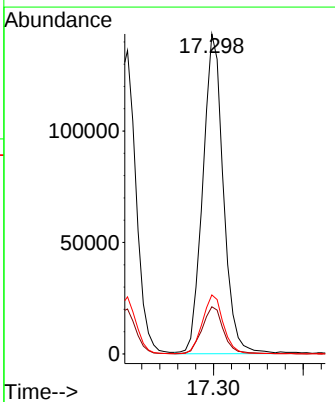
Manual Integrations
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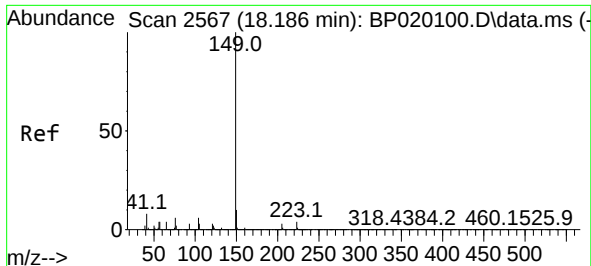
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#74
 Anthracene
 Concen: 8.729 ng/ul
 RT: 17.298 min Scan# 2416
 Delta R.T. -0.000 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

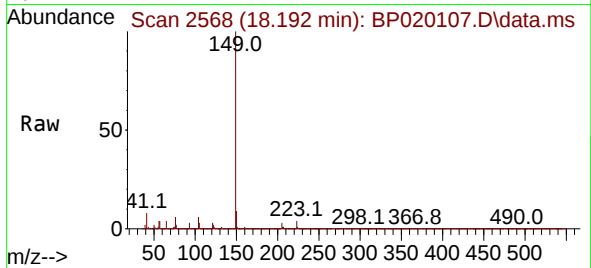
Tgt Ion:178	Resp: 228128
Ion Ratio	Lower Upper
178 100	
179 14.8	12.6 18.8
176 18.4	14.6 21.8





#78
Di-n-butylphthalate
Concen: 23.491 ng/ul
RT: 18.192 min Scan# 2568
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

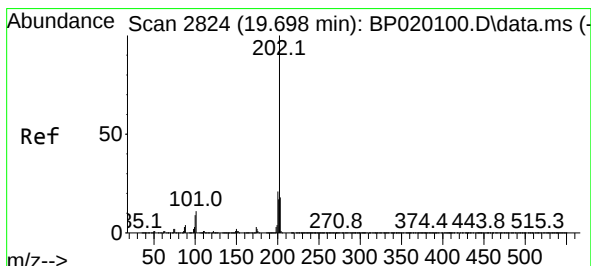
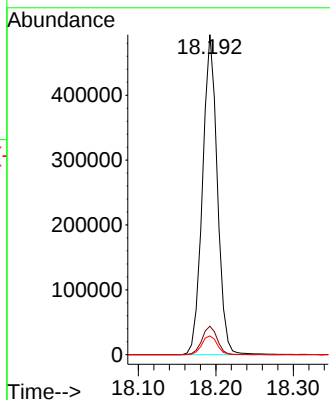
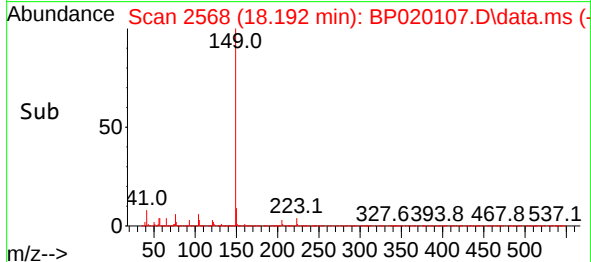
Instrument :
BNA_P
ClientSampleId :
XA398DL



Tgt Ion:149 Resp: 65372
Ion Ratio Lower Upper
149 100
150 8.9 7.6 11.4
104 5.9 4.9 7.3

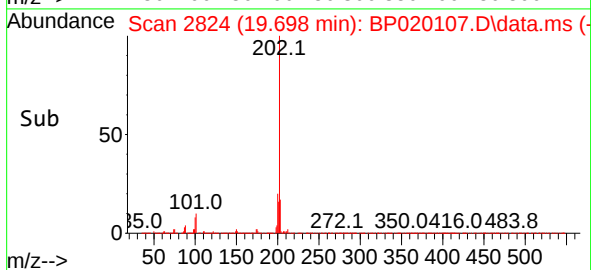
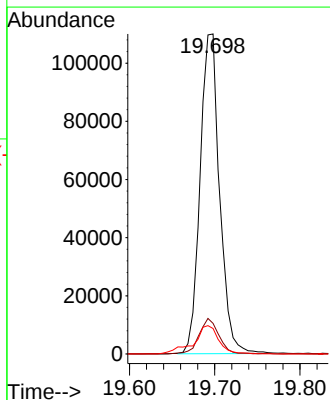
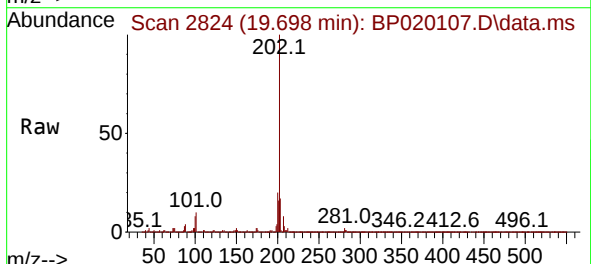
Manual Integrations
APPROVED

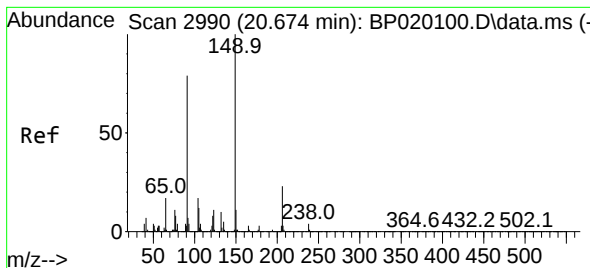
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#82
Pyrene
Concen: 5.229 ng/ul
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion:202 Resp: 175366
Ion Ratio Lower Upper
202 100
101 9.5 9.1 13.7
100 8.0 7.3 10.9





#83

Butylbenzylphthalate

Concen: 18.317 ng/ul

RT: 20.674 min Scan# 2990

Delta R.T. -0.000 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

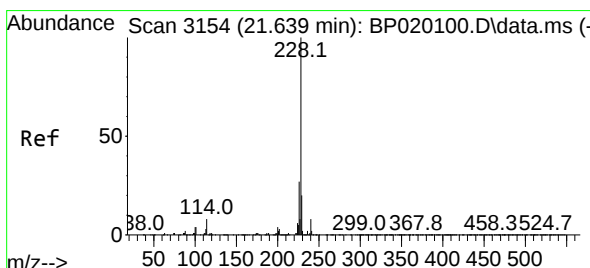
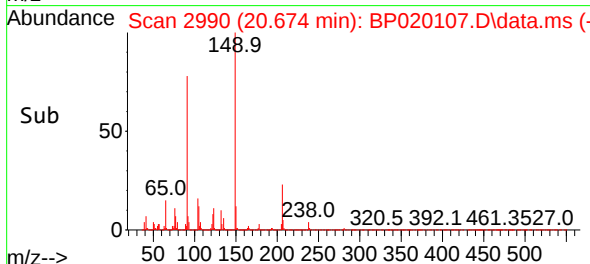
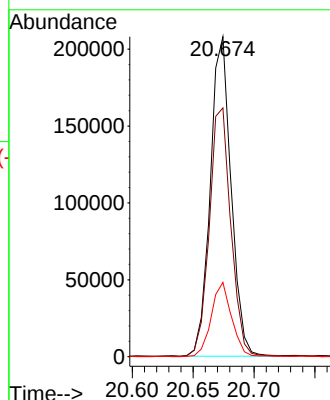
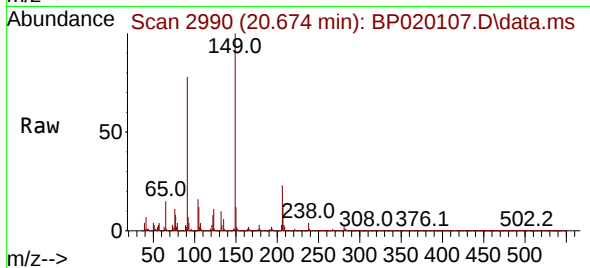
Tgt Ion:	149	Resp:	247119
Ion Ratio	Lower	Upper	
149	100		
91	77.8	63.3	94.9
206	23.2	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#85

Benzo(a)anthracene

Concen: 4.228 ng/ul

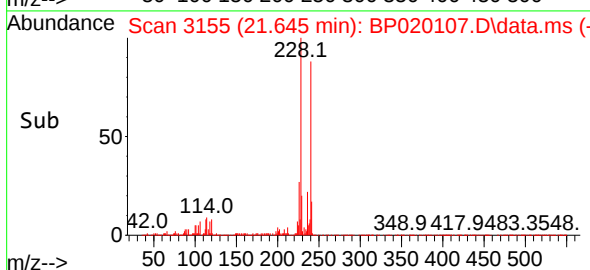
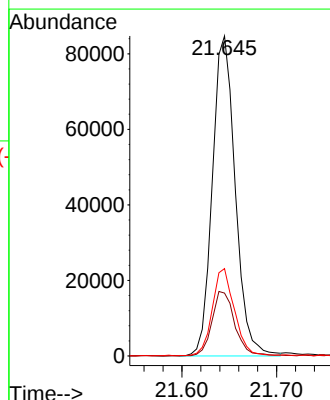
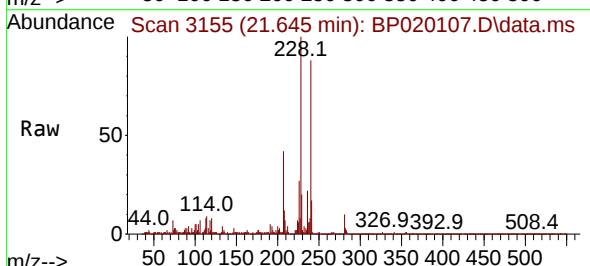
RT: 21.645 min Scan# 3155

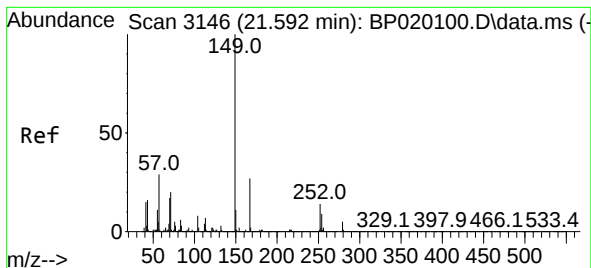
Delta R.T. 0.006 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Tgt Ion:	228	Resp:	142421
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.8	23.6
226	27.3	21.8	32.8





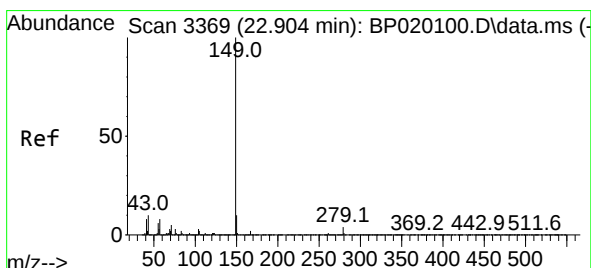
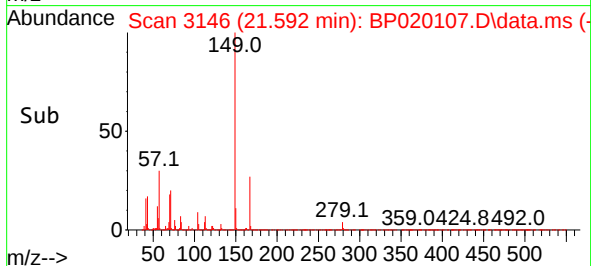
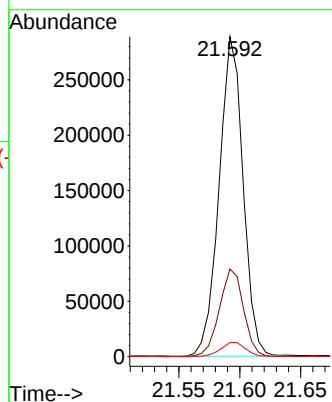
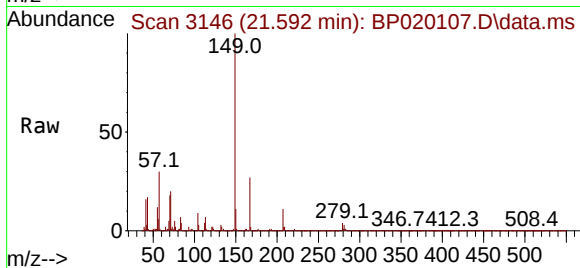
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 19.932 ng/ul
 RT: 21.592 min Scan# 3146
 Delta R.T. -0.000 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

Instrument :
 BNA_P
 ClientSampleId :
 XA398DL

Tgt Ion:149 Resp: 39536
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.8 32.8
 279 4.4 3.8 5.8

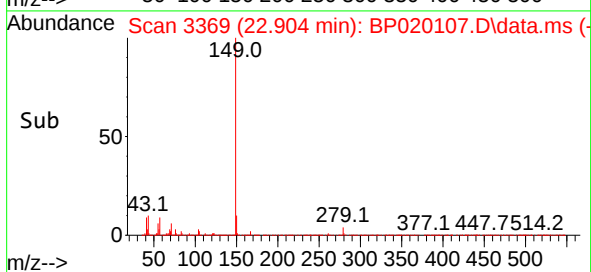
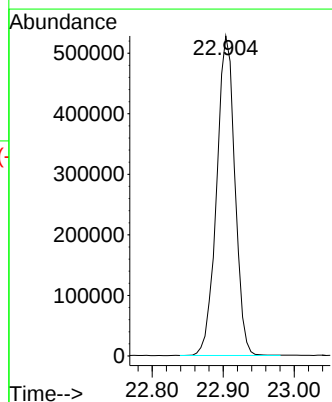
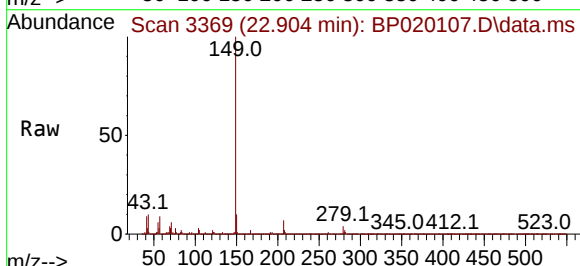
Manual Integrations
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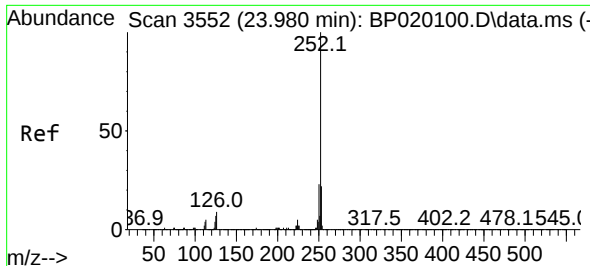
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024



#89
 Di-n-octyl phthalate
 Concen: 28.349 ng/ul
 RT: 22.904 min Scan# 3369
 Delta R.T. -0.000 min
 Lab File: BP020107.D
 Acq: 23 Apr 2024 18:18

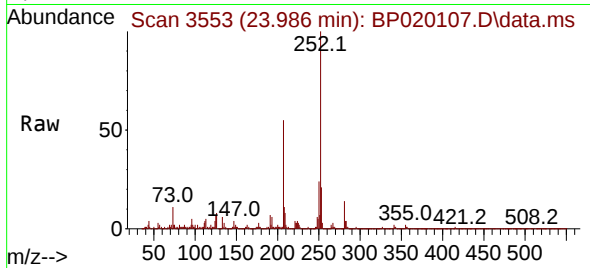
Tgt Ion:149 Resp: 939274





#90
Benzo(b)fluoranthene
Concen: 5.407 ng/ul
RT: 23.986 min Scan# 3552
Delta R.T. 0.006 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

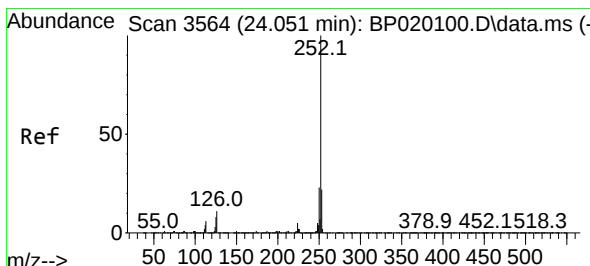
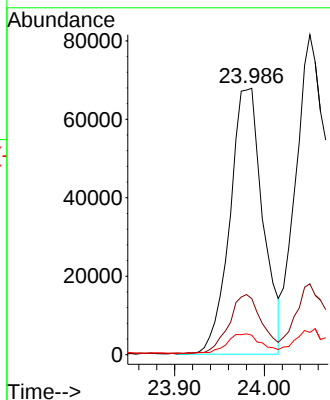
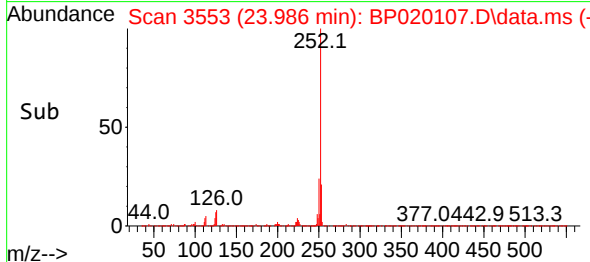
Instrument :
BNA_P
ClientSampleId :
XA398DL



Tgt Ion:252 Resp: 172984
Ion Ratio Lower Upper
252 100
253 21.0 17.9 26.9
125 7.4 5.7 8.5

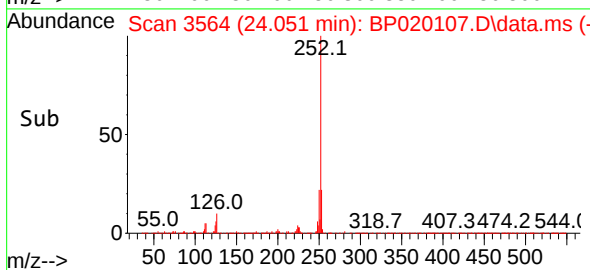
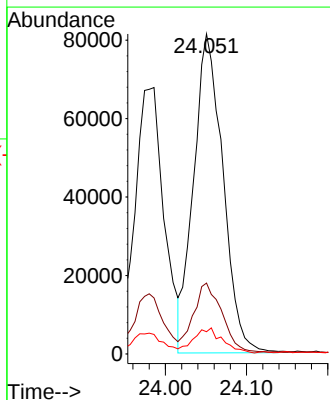
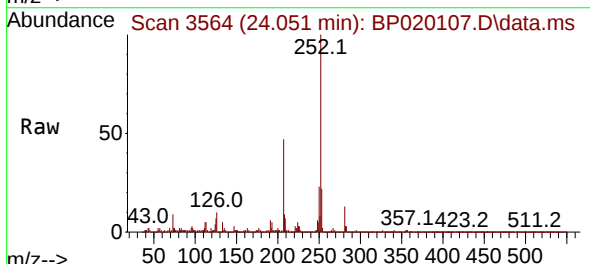
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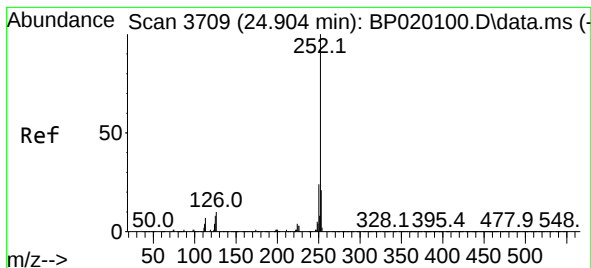
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#91
Benzo(k)fluoranthene
Concen: 6.506 ng/ul
RT: 24.051 min Scan# 3564
Delta R.T. -0.000 min
Lab File: BP020107.D
Acq: 23 Apr 2024 18:18

Tgt Ion:252 Resp: 203833
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 6.9 6.2 9.4





#93

Benzo(a)pyrene

Concen: 2.544 ng/ul

RT: 24.892 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Instrument :

BNA_P

ClientSampleId :

XA398DL

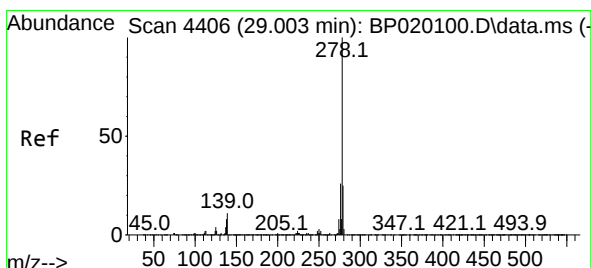
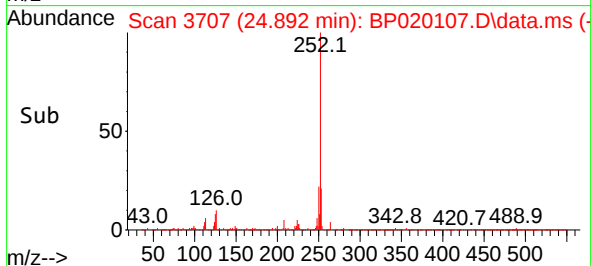
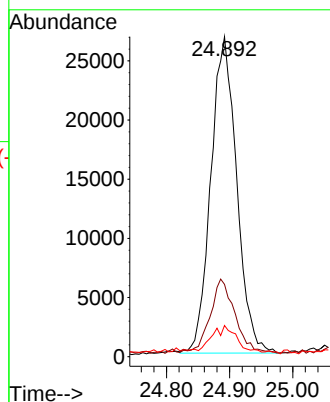
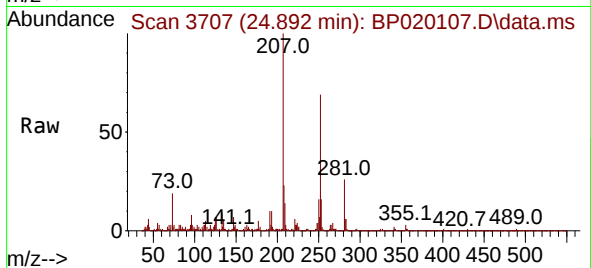
Tgt Ion:	252	Resp:	7608
Ion Ratio	Lower	Upper	
252	100		
253	22.6	16.8	25.2
125	9.7	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024



#95

Dibenzo(a,h)anthracene

Concen: 8.829 ng/ul m

RT: 29.009 min Scan# 4407

Delta R.T. 0.006 min

Lab File: BP020107.D

Acq: 23 Apr 2024 18:18

Tgt Ion:	278	Resp:	259523
Ion Ratio	Lower	Upper	
278	100		
139	13.6	8.8	13.2
279	22.6	20.3	30.5

