

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010574.D
 Acq On : 27 May 2022 11:01
 Operator : CG/JU
 Sample : N2815-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 X3A87

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
 Supervised By :mohammad ahmed 05/31/2022

Quant Time: May 27 12:47:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	122434	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	540045	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	366781	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	814328	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	768881	20.000	ng/u1	# 0.00
88) Perylene-d12	23.780	264	668331	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	11888	4.139	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.052	99	253813	24.699	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	175943	25.483	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	200685	25.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	201769	23.104	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	108755m	26.020	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	110414	24.928	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	190702	22.770	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	155133	12.457	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	763613	28.258	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	818070	26.245	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	97217	20.212	ng/u1	0.00
60) Fluorene-d10	15.516	176	678233	28.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	102596	21.542	ng/u1	0.00
73) Anthracene-d10	17.375	188	1231662	33.402	ng/u1	0.00
81) Pyrene-d10	19.604	212	1508927	36.954	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	1181063	35.193	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	7.075	94	494465	44.602	ng/u1#	90
22) Nitrobenzene	9.087	77	449105	40.889	ng/u1#	83
23) Isophorone	9.610	82	975701	48.061	ng/u1	97
30) Naphthalene	10.734	128	1569862	55.654	ng/u1	97
36) 2-Methylnaphthalene	12.346	142	874261	43.781	ng/u1	91
41) 2,4,6-Trichlorophenol	12.957	196	335694	48.114	ng/u1#	84
43) 1,1'-Biphenyl	13.351	154	946805	35.169	ng/u1#	93
50) Acenaphthylene	14.240	152	735496	21.812	ng/u1	95
56) Dibenzofuran	14.916	168	1533236	47.561	ng/u1	97
59) Diethylphthalate	15.340	149	1143543	41.809	ng/u1#	93
69) Hexachlorobenzene	16.581	284	353644	36.660	ng/u1#	87
71) Pentachlorophenol	16.928	266	371972	61.454	ng/u1#	84
74) Anthracene	17.410	178	2117606	48.571	ng/u1	98
77) Carbazole	17.681	167	2322228	60.608	ng/u1#	96
80) Fluoranthene	19.281	202	2480313	52.270	ng/u1	97
85) Benzo(a)anthracene	21.345	228	1983288	41.249	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.269	149	1621404	55.801	ng/u1#	81
89) Di-n-octyl phthalate	22.198	149	3013289	60.101	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.315	276	2045990	52.548	ng/u1#	93
95) Dibenzo(a,h)anthracene	26.327	278	1790578	52.999	ng/u1#	95
96) Benzo(g,h,i)perylene	27.086	276	1802350	55.437	ng/u1#	90

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

Instrument :

BNA_P

ClientSampleId :

X3A87

Manual Integrations**APPROVED**

Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022

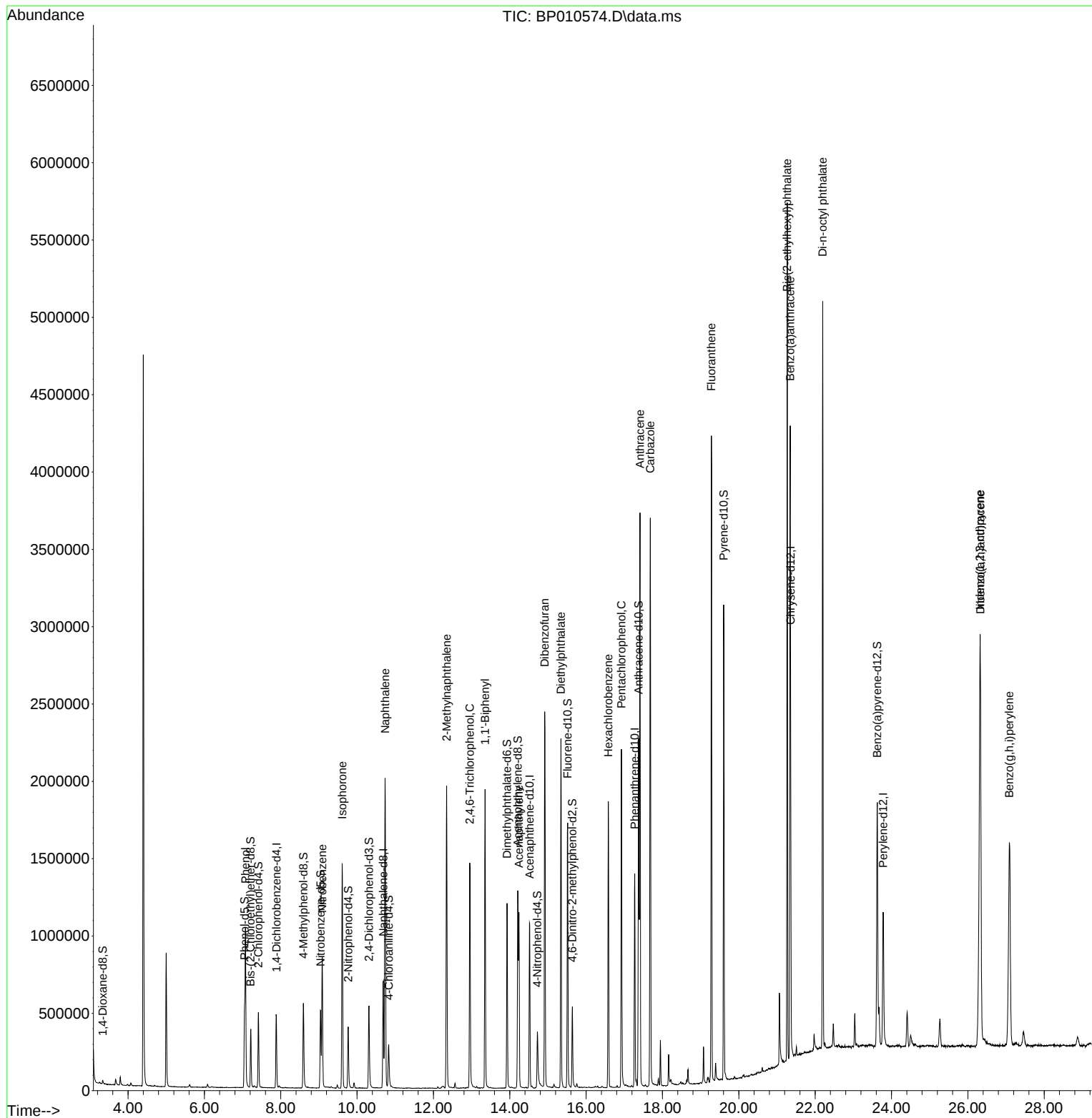
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010574.D
 Acq On : 27 May 2022 11:01
 Operator : CG/JU
 Sample : N2815-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

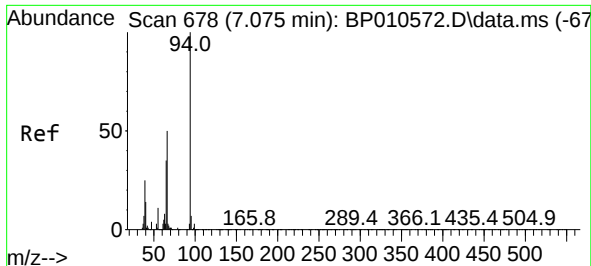
Instrument :
 BNA_P
 ClientSampleId :
 X3A87

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
 Supervised By :mohammad ahmed 05/31/2022

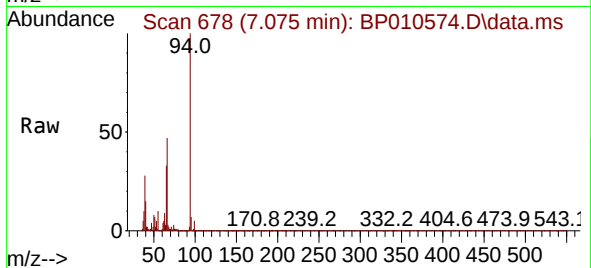
Quant Time: May 27 12:47:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration





#8
Phenol
Concen: 44.602 ng/ul
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

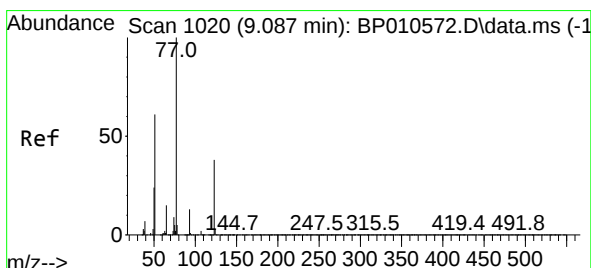
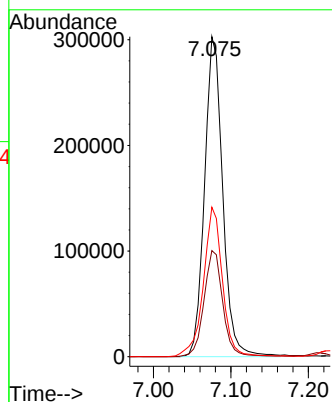
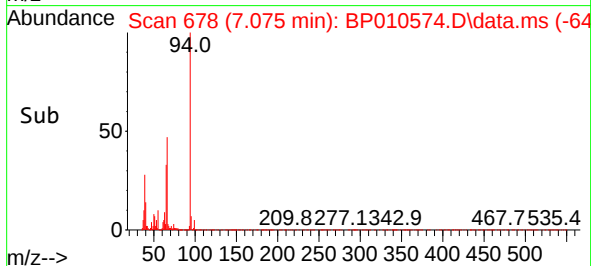
Instrument :
BNA_P
ClientSampleId :
X3A87



Tgt Ion: 94 Resp: 494465
Ion Ratio Lower Upper
94 100
65 33.1 19.0 28.6
66 46.7 34.6 51.8

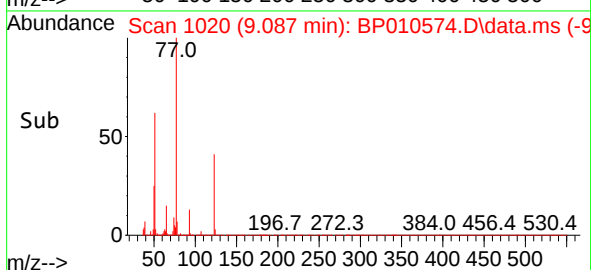
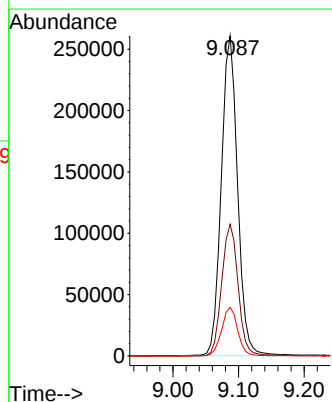
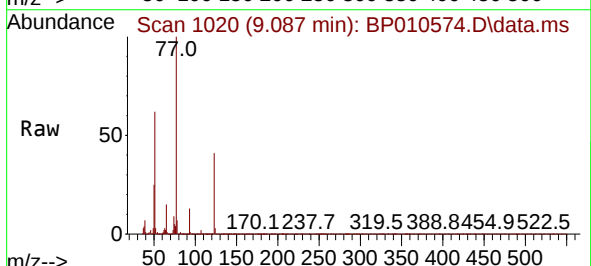
Manual Integrations
APPROVED

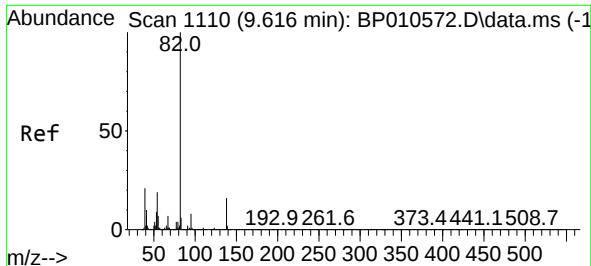
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#22
Nitrobenzene
Concen: 40.889 ng/ul
RT: 9.087 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

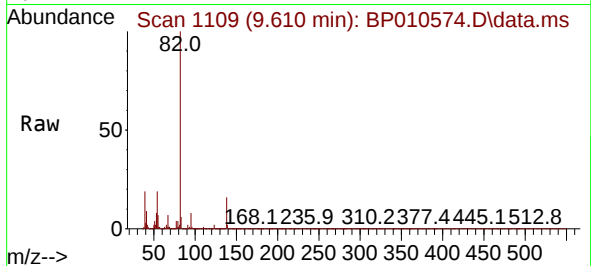
Tgt Ion: 77 Resp: 449105
Ion Ratio Lower Upper
77 100
123 41.2 42.3 63.5#
65 15.2 5.8 8.8#





#23
Isophorone
Concen: 48.061 ng/ul
RT: 9.610 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

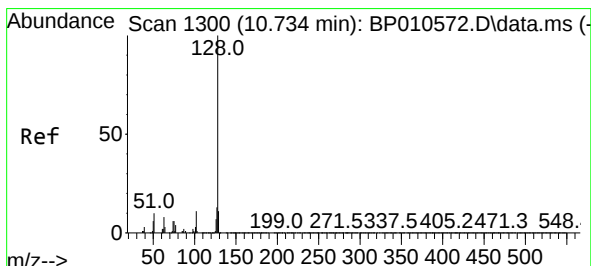
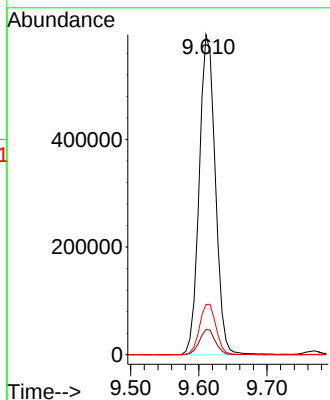
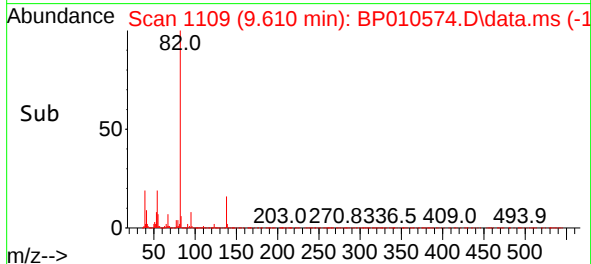
Instrument :
BNA_P
ClientSampleId :
X3A87



Tgt Ion: 82 Resp: 97570
Ion Ratio Lower Upper
82 100
95 7.9 7.8 11.8
138 15.7 12.9 19.3

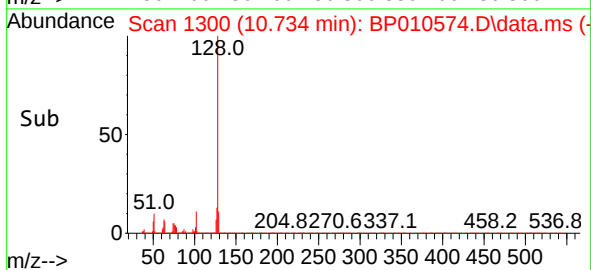
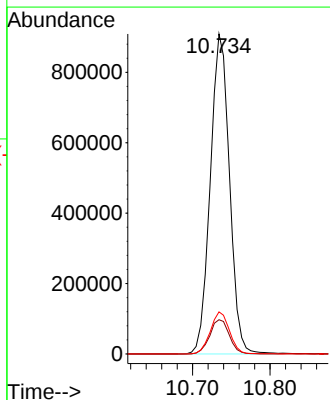
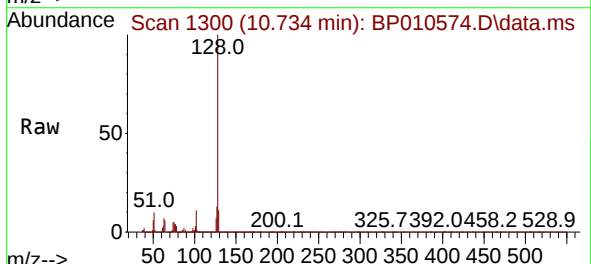
Manual Integrations
APPROVED

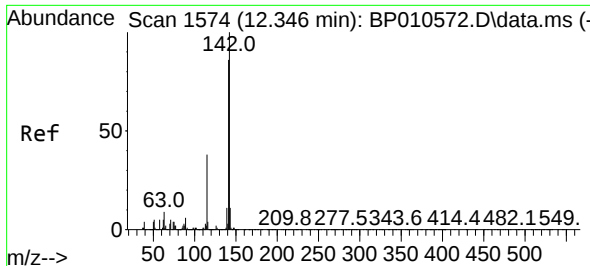
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#30
Naphthalene
Concen: 55.654 ng/ul
RT: 10.734 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

Tgt Ion:128 Resp: 1569862
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.1 12.2 18.4





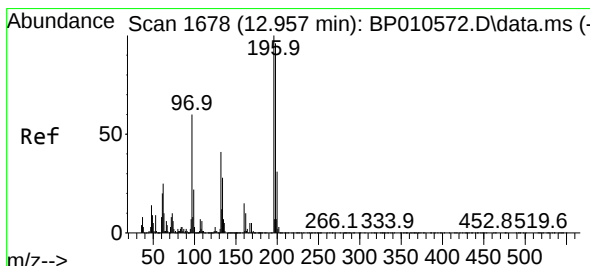
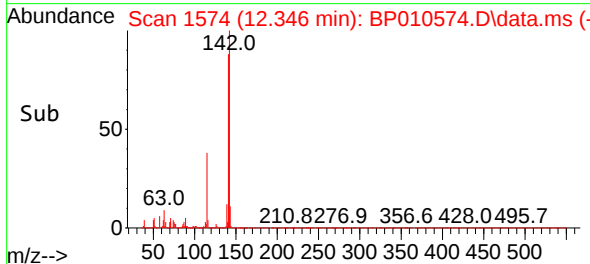
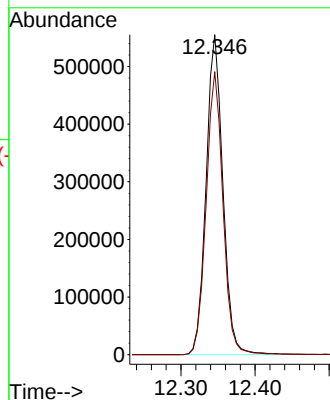
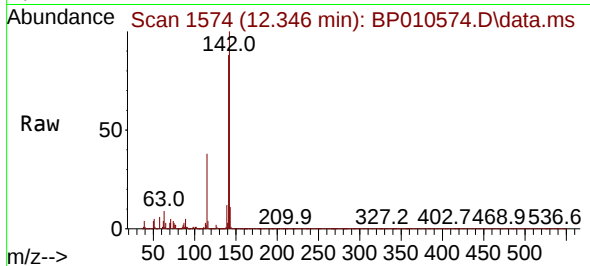
#36
2-Methylnaphthalene
Concen: 43.781 ng/ul
RT: 12.346 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

Instrument :
BNA_P
ClientSampleId :
X3A87

Tgt Ion:142 Resp: 87426
Ion Ratio Lower Upper
142 100
141 88.4 64.3 96.5

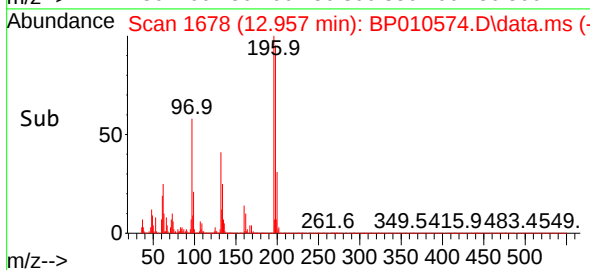
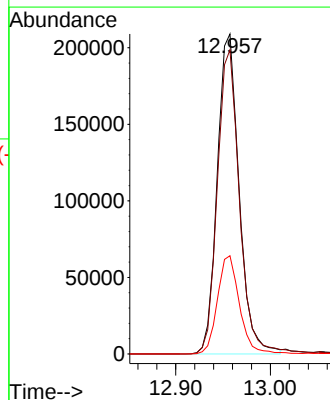
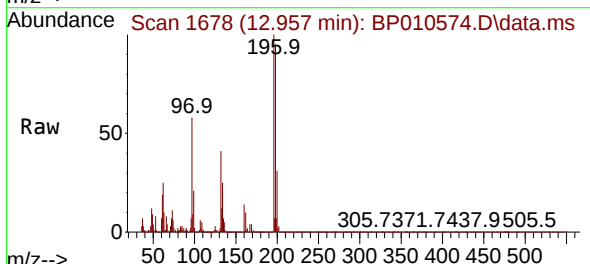
Manual Integrations
APPROVED

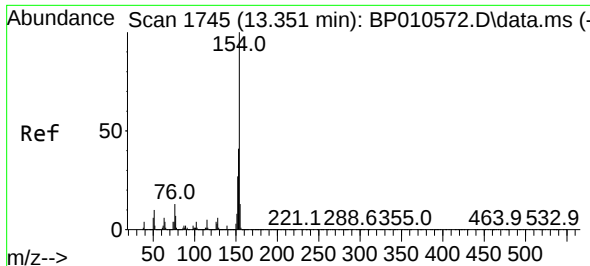
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#41
2,4,6-Trichlorophenol
Concen: 48.114 ng/ul
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

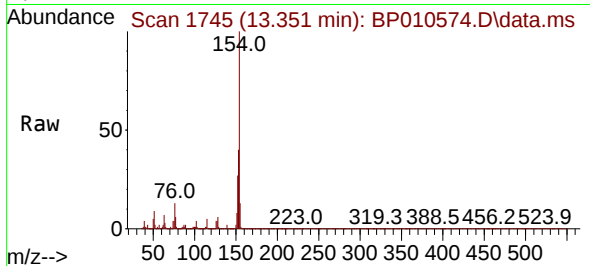
Tgt Ion:196 Resp: 335694
Ion Ratio Lower Upper
196 100
198 95.1 64.1 96.1
200 30.7 19.9 29.9#





#43
1,1'-Biphenyl
Concen: 35.169 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

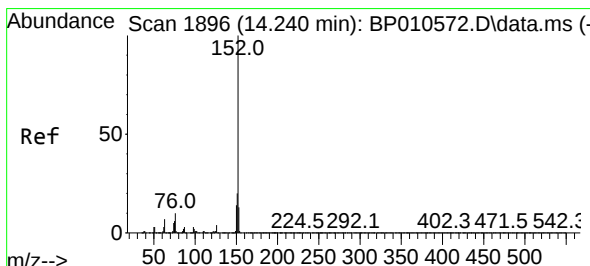
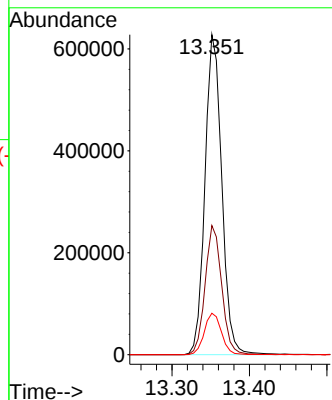
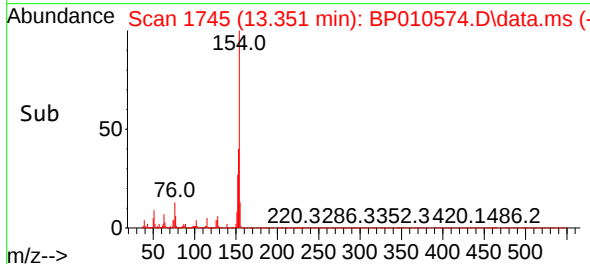
Instrument :
BNA_P
ClientSampleId :
X3A87



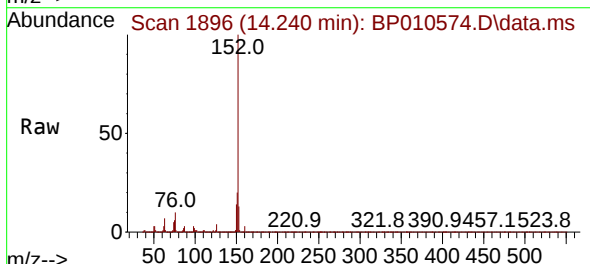
Tgt Ion:154 Resp: 94680
Ion Ratio Lower Upper
154 100
153 40.4 28.6 43.0
76 13.0 8.5 12.7

Manual Integrations
APPROVED

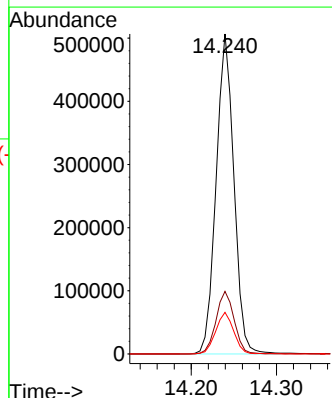
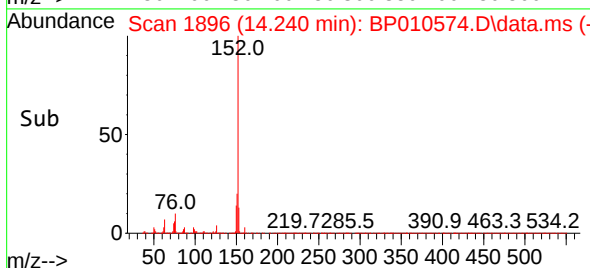
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022

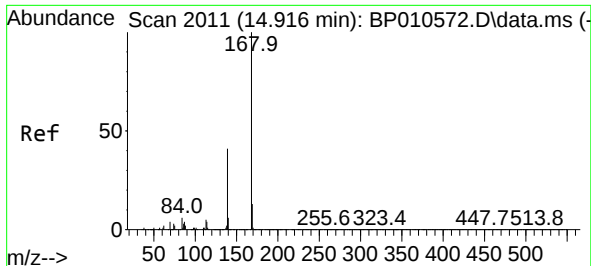


#50
Acenaphthylene
Concen: 21.812 ng/ul
RT: 14.240 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01



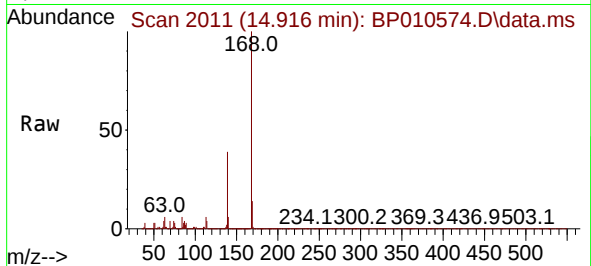
Tgt Ion:152 Resp: 735496
Ion Ratio Lower Upper
152 100
151 19.5 18.3 27.5
153 13.0 11.0 16.6





#56
Dibenzenofuran
Concen: 47.561 ng/ul
RT: 14.916 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

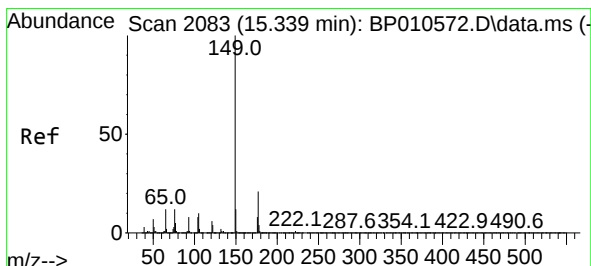
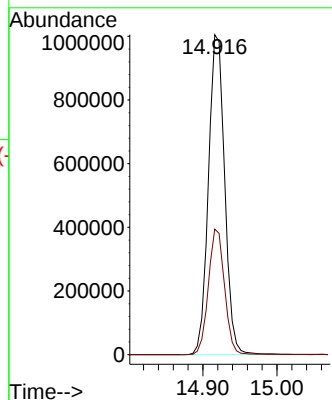
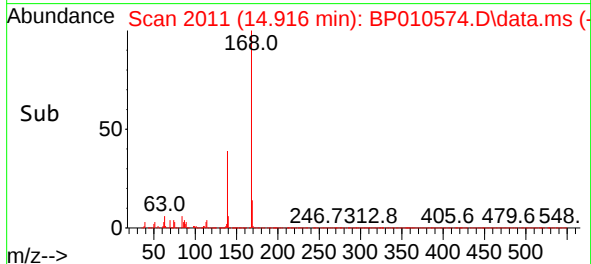
Instrument :
BNA_P
ClientSampleId :
X3A87



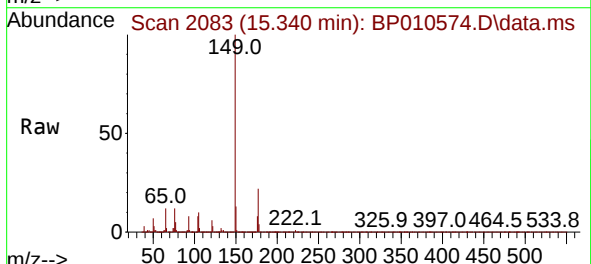
Tgt Ion:168 Resp: 1533230
Ion Ratio Lower Upper
168 100
139 39.3 30.1 45.1

Manual Integrations
APPROVED

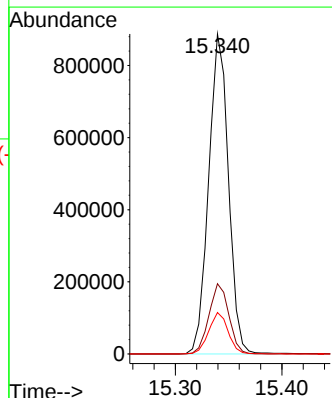
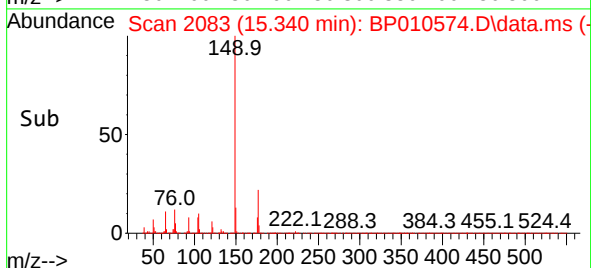
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022

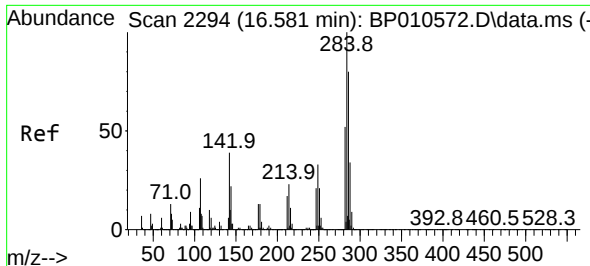


#59
Diethylphthalate
Concen: 41.809 ng/ul
RT: 15.340 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01



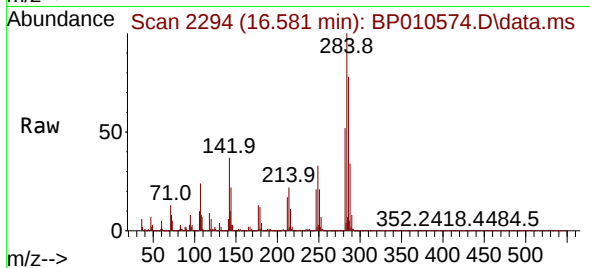
Tgt Ion:149 Resp: 1143543
Ion Ratio Lower Upper
149 100
177 21.9 22.0 33.0#
150 13.0 10.2 15.2





#69
Hexachlorobenzene
Concen: 36.660 ng/ul
RT: 16.581 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

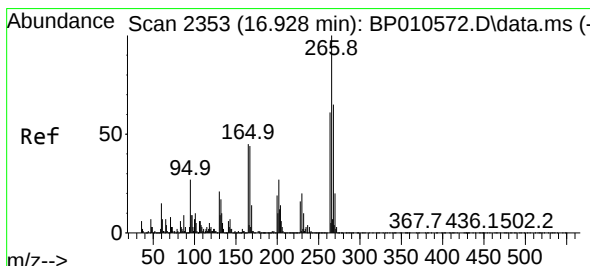
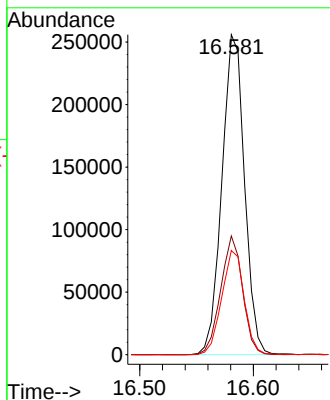
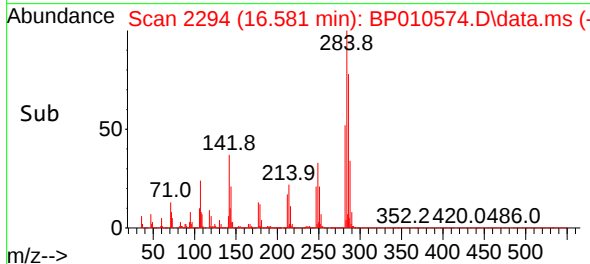
Instrument :
BNA_P
ClientSampleId :
X3A87



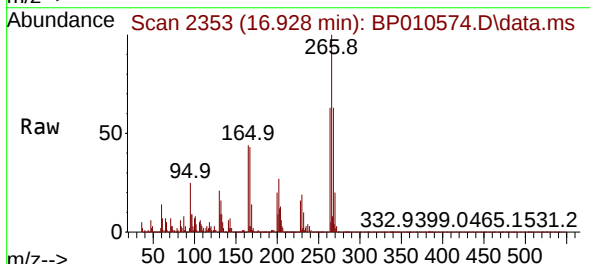
Tgt Ion:284 Resp: 353644
Ion Ratio Lower Upper
284 100
142 37.1 19.2 28.8
249 32.6 27.4 41.2

Manual Integrations
APPROVED

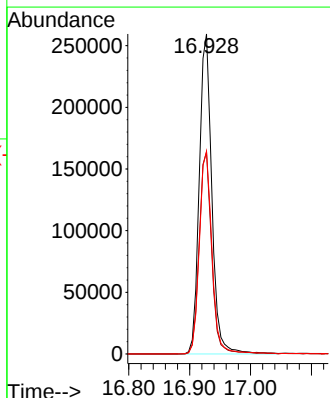
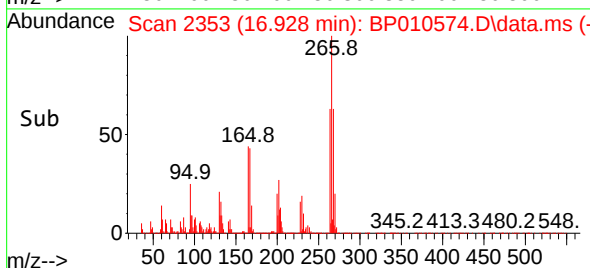
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022

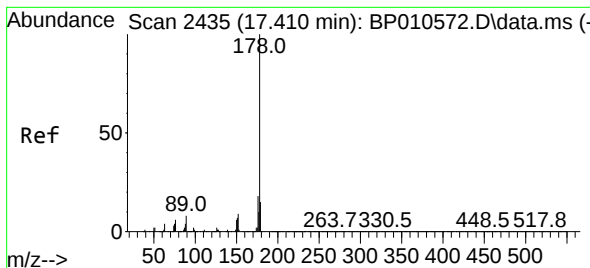


#71
Pentachlorophenol
Concen: 61.454 ng/ul
RT: 16.928 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01



Tgt Ion:266 Resp: 371972
Ion Ratio Lower Upper
266 100
264 63.1 57.3 85.9
268 63.3 65.7 98.5





#74

Anthracene

Concen: 48.571 ng/ul

RT: 17.410 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP010574.D

Acq: 27 May 2022 11:01

Instrument :

BNA_P

ClientSampleId :

X3A87

Tgt Ion:178 Resp: 2117600

Ion Ratio Lower Upper

178 100

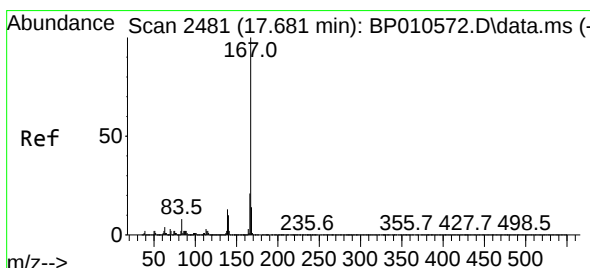
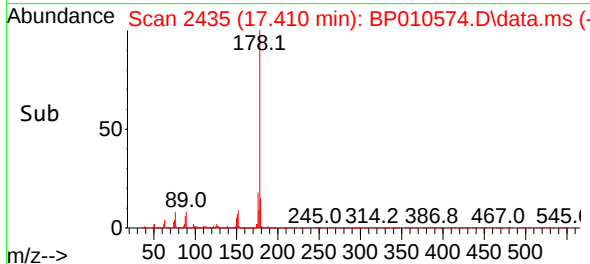
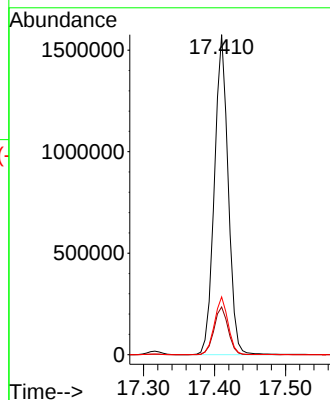
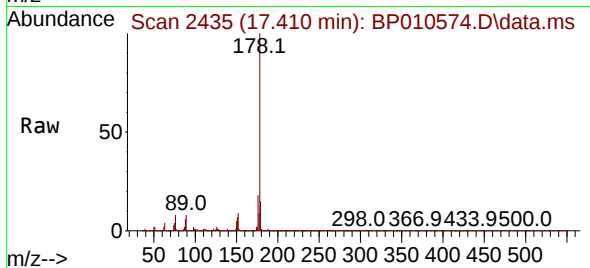
179 14.9 12.3 18.5

176 18.0 13.4 20.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#77

Carbazole

Concen: 60.608 ng/ul

RT: 17.681 min Scan# 2481

Delta R.T. 0.006 min

Lab File: BP010574.D

Acq: 27 May 2022 11:01

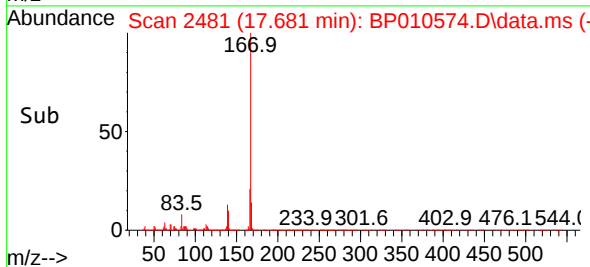
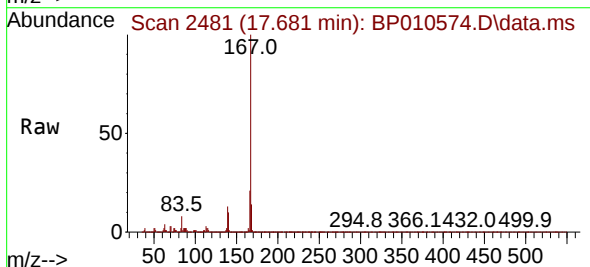
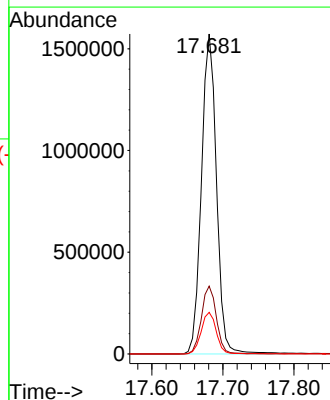
Tgt Ion:167 Resp: 2322228

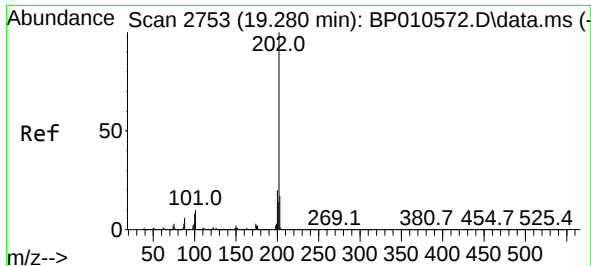
Ion Ratio Lower Upper

167 100

166 21.2 15.8 23.8

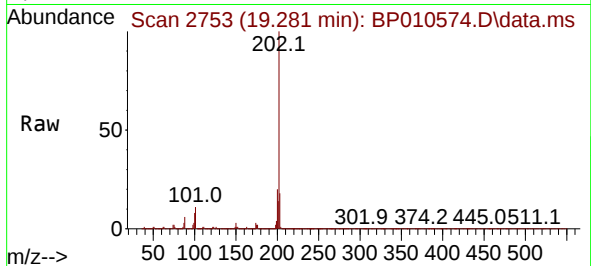
139 13.0 8.3 12.5#





#80
Fluoranthene
Concen: 52.270 ng/ul
RT: 19.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

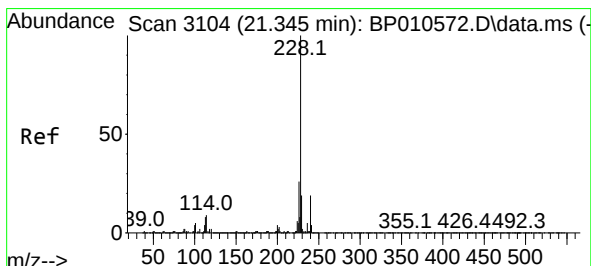
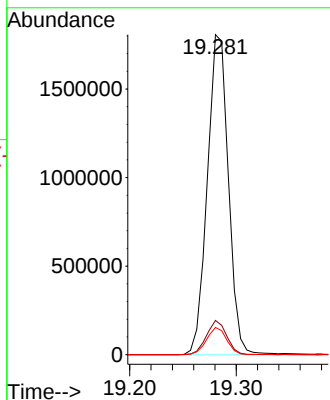
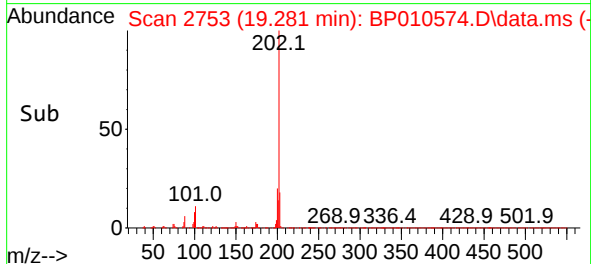
Instrument :
BNA_P
ClientSampleId :
X3A87



Tgt Ion:202 Resp: 248031
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.5 6.3 9.5

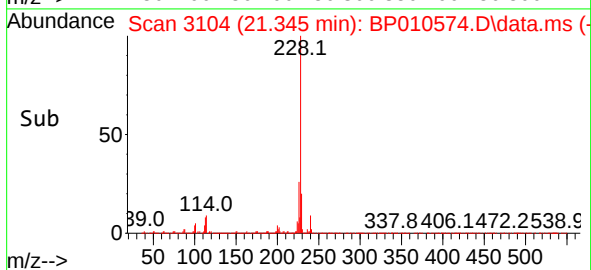
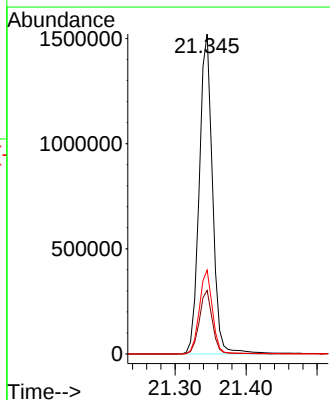
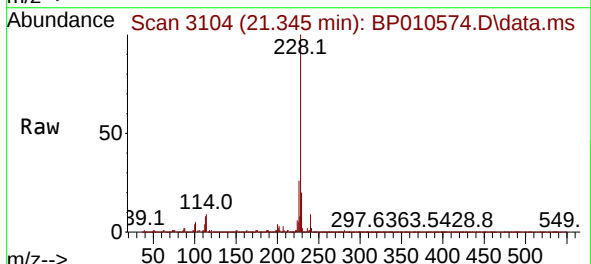
Manual Integrations
APPROVED

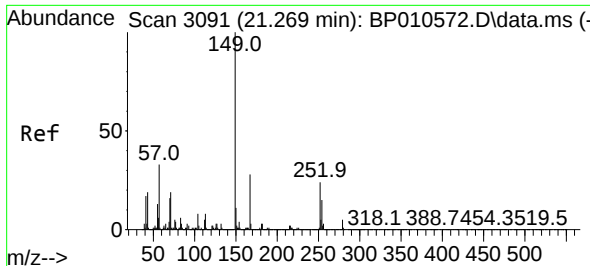
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#85
Benzo(a)anthracene
Concen: 41.249 ng/ul
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

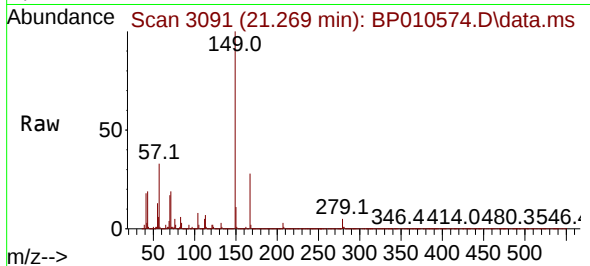
Tgt Ion:228 Resp: 1983288
Ion Ratio Lower Upper
228 100
229 19.8 18.2 27.2
226 26.2 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 55.801 ng/ul
RT: 21.269 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

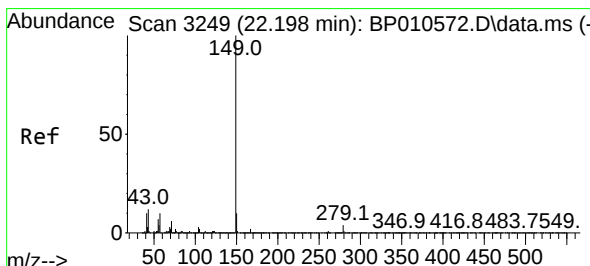
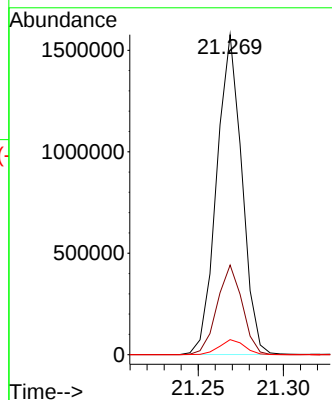
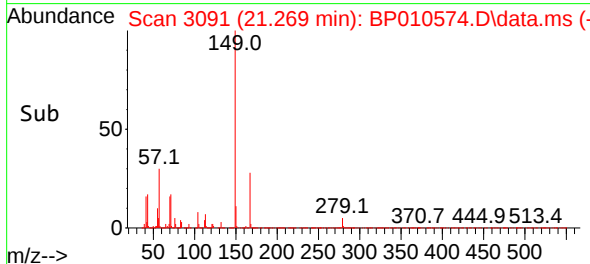
Instrument :
BNA_P
ClientSampleId :
X3A87



Tgt Ion:149 Resp: 1621404
Ion Ratio Lower Upper
149 100
167 28.0 32.8 49.2
279 4.7 5.6 8.4

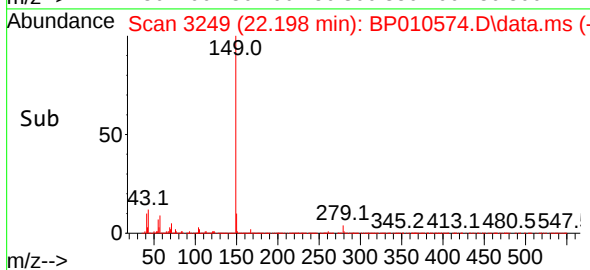
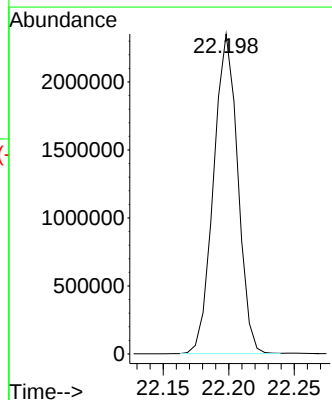
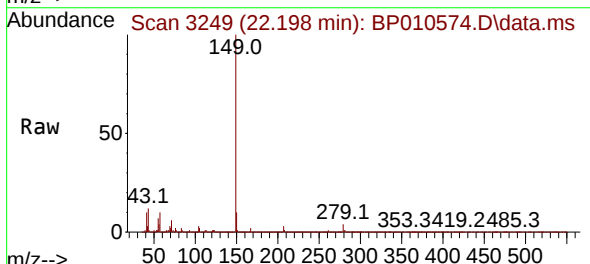
Manual Integrations
APPROVED

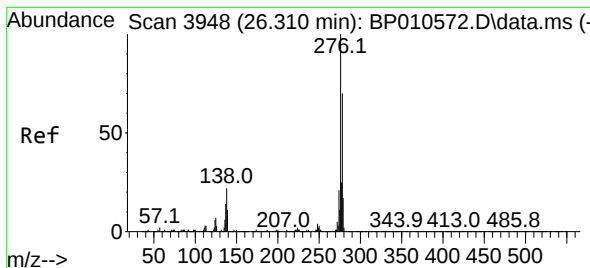
Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#89
Di-n-octyl phthalate
Concen: 60.101 ng/ul
RT: 22.198 min Scan# 3249
Delta R.T. 0.006 min
Lab File: BP010574.D
Acq: 27 May 2022 11:01

Tgt Ion:149 Resp: 3013289





#94

Indeno(1,2,3-cd)pyrene

Concen: 52.548 ng/ul

RT: 26.315 min Scan# 3948

Delta R.T. 0.024 min

Lab File: BP010574.D

Acq: 27 May 2022 11:01

Instrument :

BNA_P

ClientSampleId :

X3A87

Tgt Ion:276 Resp: 2045990

Ion Ratio Lower Upper

276 100

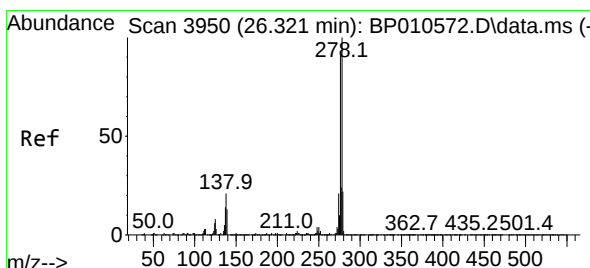
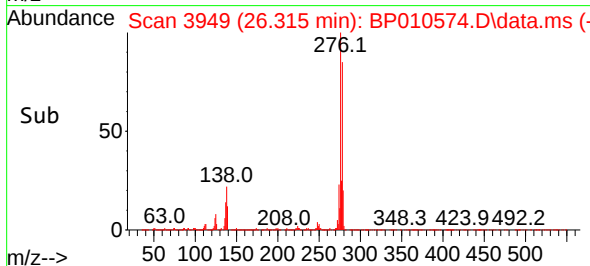
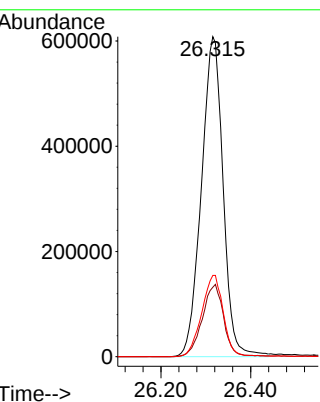
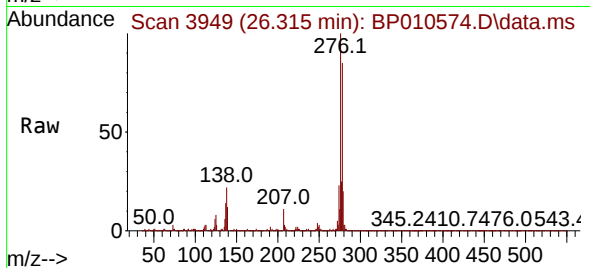
138 21.7 12.3 18.5

277 25.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
Supervised By :mohammad ahmed 05/31/2022



#95

Dibenzo(a,h)anthracene

Concen: 52.999 ng/ul

RT: 26.327 min Scan# 3951

Delta R.T. 0.018 min

Lab File: BP010574.D

Acq: 27 May 2022 11:01

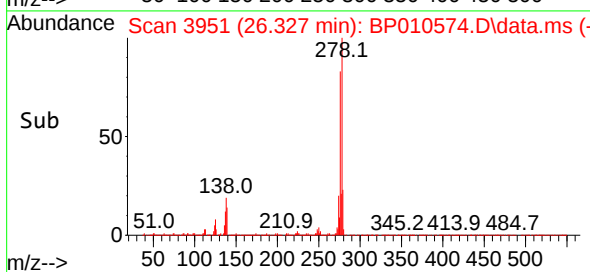
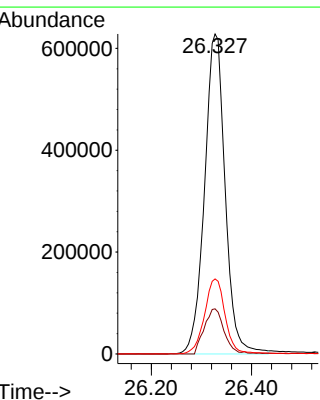
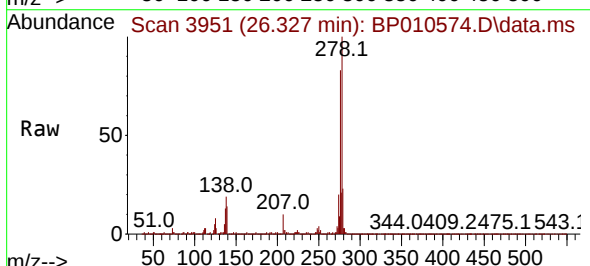
Tgt Ion:278 Resp: 1790578

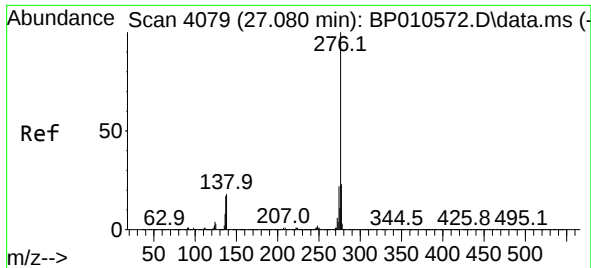
Ion Ratio Lower Upper

278 100

139 14.1 6.6 10.0

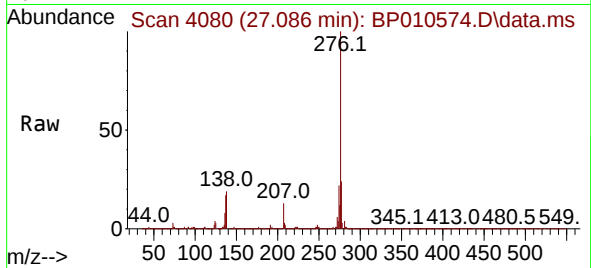
279 23.4 18.4 27.6





#96
 Benzo(g,h,i)perylene
 Concen: 55.437 ng/ul
 RT: 27.086 min Scan# 4079
 Delta R.T. 0.018 min
 Lab File: BP010574.D
 Acq: 27 May 2022 11:01

Instrument :
 BNA_P
 ClientSampleId :
 X3A87



Tgt Ion: 276 Resp: 1802350

Ion	Ratio	Lower	Upper
276	100		
138	19.3	11.6	17.4
277	24.3	15.9	23.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/27/2022
 Supervised By :mohammad ahmed 05/31/2022

