

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
 Data File : BP012860.D
 Acq On : 29 Nov 2022 19:46
 Operator : CG/JU
 Sample : N5725-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHB64

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2022
 Supervised By :mohammad ahmed 11/30/2022

Quant Time: Nov 29 22:59:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 29 22:53:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	475129	20.000	ng/u1	0.00
20) Naphthalene-d8	10.828	136	2088186	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1284190	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.404	188	2346060	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	1744473	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1834622	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	52510	4.736	ng/uL	0.00
4) Pyridine-d5	3.822	84	247270	7.452	ng/u1	0.00
7) Phenol-d5	7.158	99	322966	8.272	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	814490	33.855	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	742399	24.955	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	551620	17.536	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	500279	39.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.905	143	481408	35.474	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	936598	29.579	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	929490	21.436	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	3478644	39.354	ng/u1	0.00
49) Acenaphthylene-d8	14.340	160	3951854	38.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	92919	5.896	ng/u1	0.01
60) Fluorene-d10	15.640	176	3071850	39.682	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	390179	34.797	ng/u1	0.00
73) Anthracene-d10	17.504	188	4403803	42.643	ng/u1	0.00
81) Pyrene-d10	19.728	212	4392866	43.338	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	3962644	43.973	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	75765	6.363	ng/uL	99
37) 1-Methylnaphthalene	12.698	142	4272176	56.612	ng/u1	100
43) 1,1'-Biphenyl	13.481	154	2908576	31.091	ng/u1	99
50) Acenaphthylene	14.369	152	439263	3.895	ng/u1#	94
52) Acenaphthene	14.716	153	7750347	97.615	ng/u1	98
56) Dibenzofuran	15.045	168	6574956	60.079	ng/u1	100
61) Fluorene	15.698	166	5366371	61.146	ng/u1	99
72) Phenanthrene	17.445	178	9612510	76.878	ng/u1	98
74) Anthracene	17.534	178	491475m	3.973	ng/u1	
77) Carbazole	17.804	167	2633047	25.162	ng/u1	100
80) Fluoranthene	19.404	202	1300618	10.316	ng/u1	99
82) Pyrene	19.757	202	746318	5.723	ng/u1	99

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

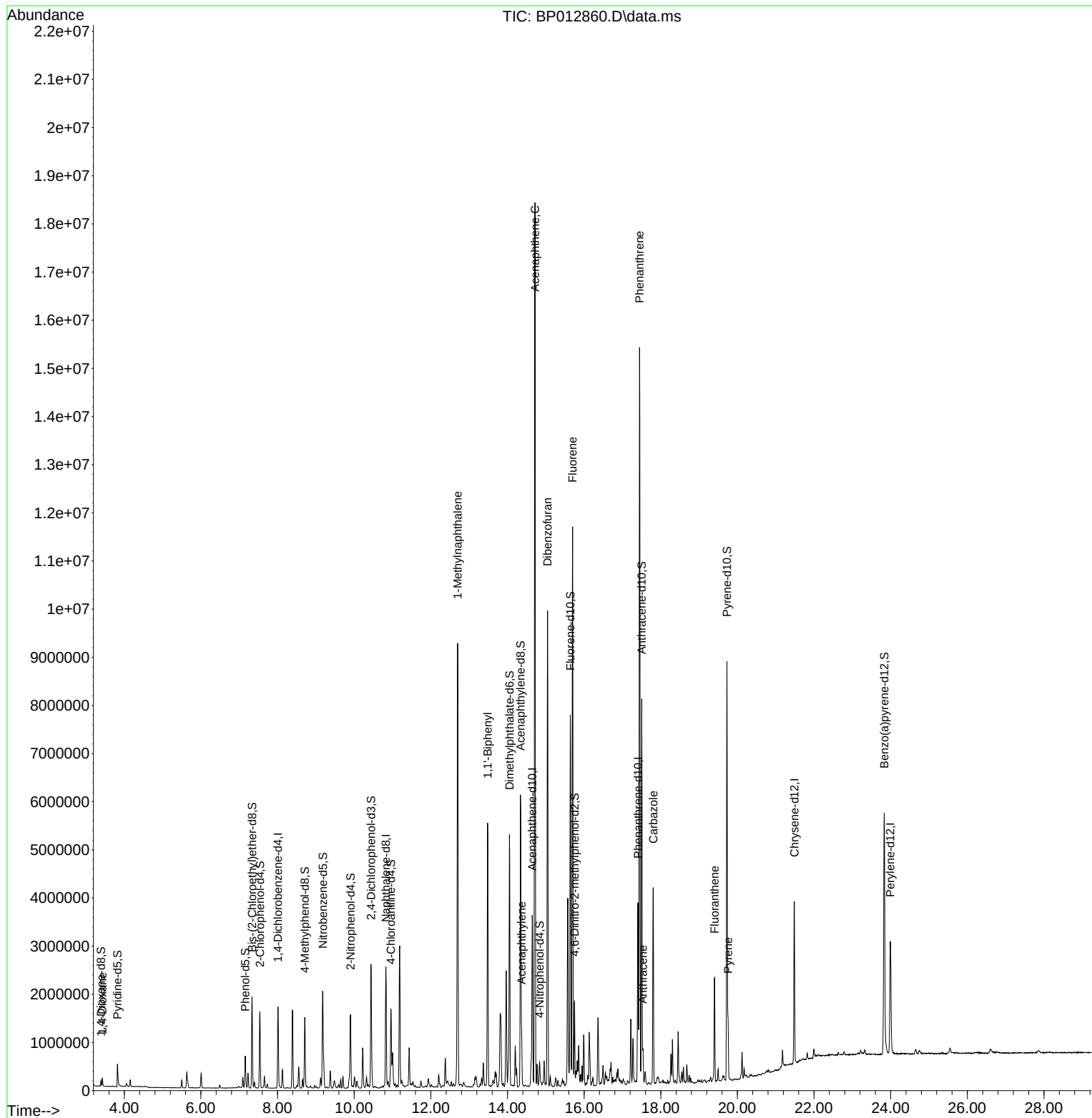
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112922\
Data File : BP012860.D
Acq On : 29 Nov 2022 19:46
Operator : CG/JU
Sample : N5725-08
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ALS Vial : 19 Sample Multiplier: 1

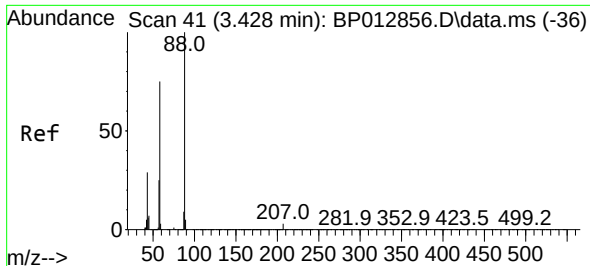
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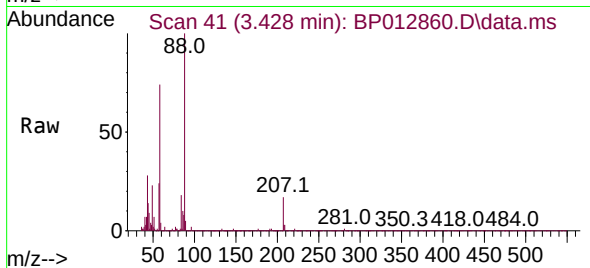
Quant Time: Nov 29 22:59:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 6.363 ng/uL
RT: 3.428 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46

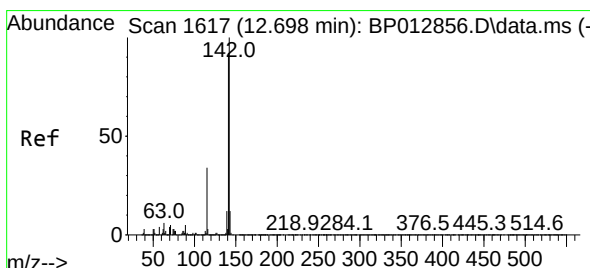
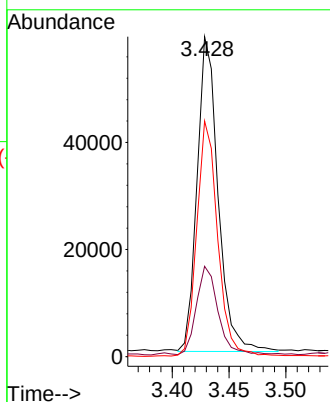
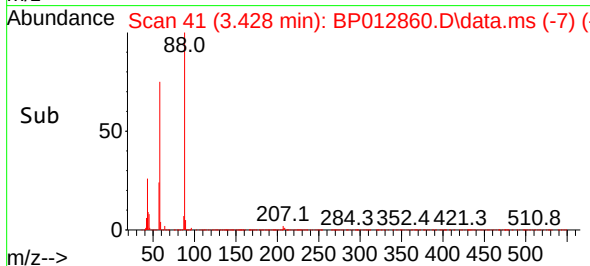
Instrument :
BNA_P
ClientSampleId :
BHB64



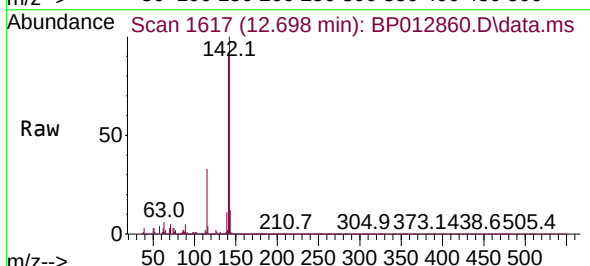
Tgt Ion: 88 Resp: 75765
Ion Ratio Lower Upper
88 100
43 28.3 22.6 34.0
58 73.6 59.6 89.4

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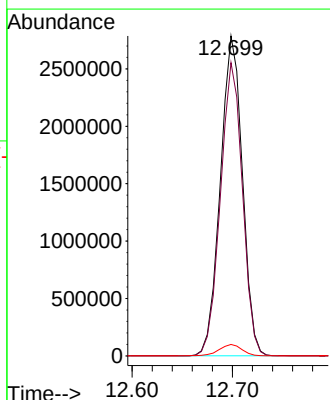
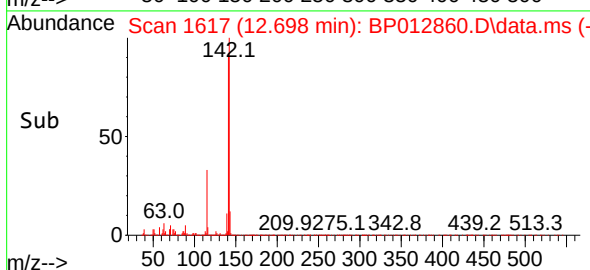
Reviewed By :Jagrut Upadhyay 11/30/2022
Supervised By :mohammad ahmed 11/30/2022

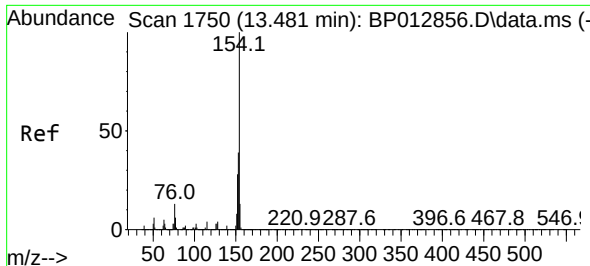


#37
1-Methylnaphthalene
Concen: 56.612 ng/uL
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46



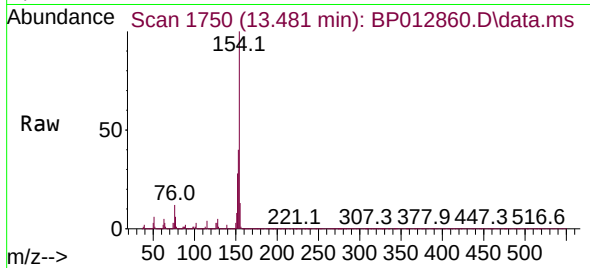
Tgt Ion:142 Resp: 4272176
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9
116 3.6 2.9 4.3





#43
1,1'-Biphenyl
Concen: 31.091 ng/ul
RT: 13.481 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46

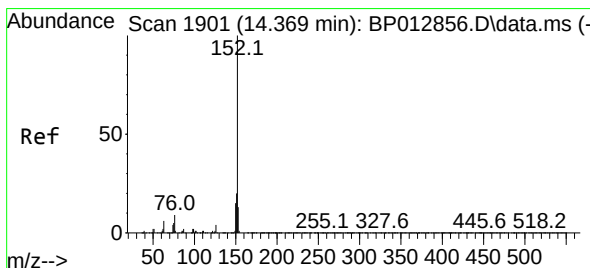
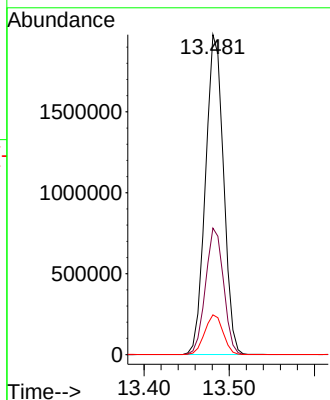
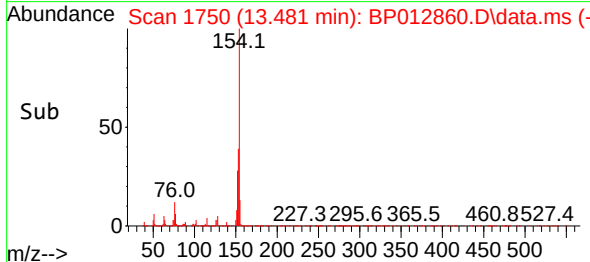
Instrument :
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BHB64



Tgt Ion:154 Resp: 2908576
Ion Ratio Lower Upper
154 100
153 39.5 32.0 48.0
76 12.4 10.2 15.4

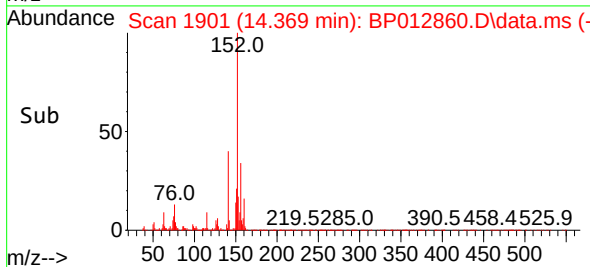
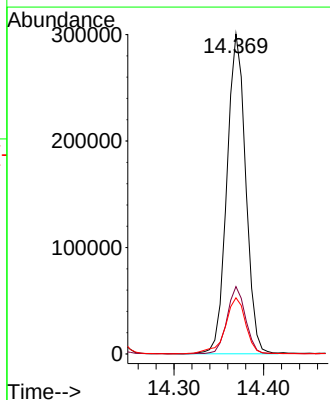
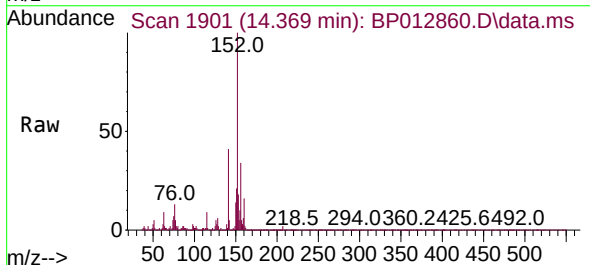
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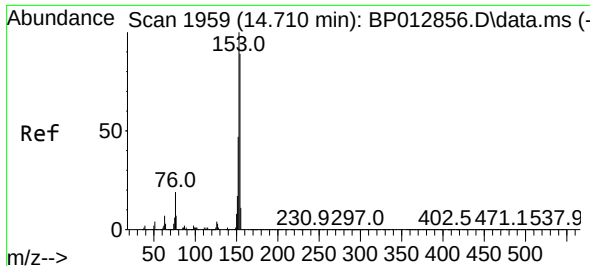
Reviewed By :Jagrut Upadhyay 11/30/2022
Supervised By :mohammad ahmed 11/30/2022



#50
Acenaphthylene
Concen: 3.895 ng/ul
RT: 14.369 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46

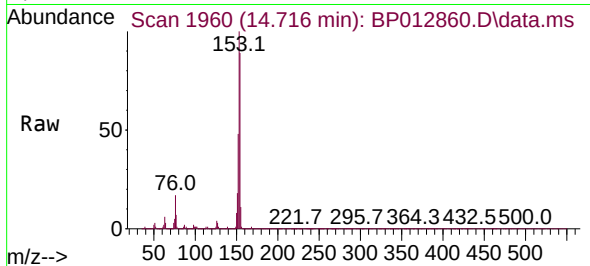
Tgt Ion:152 Resp: 439263
Ion Ratio Lower Upper
152 100
151 21.0 15.9 23.9
153 17.5 10.7 16.1#





#52
Acenaphthene
Concen: 97.615 ng/ul
RT: 14.716 min Scan# 1959
Delta R.T. 0.006 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46

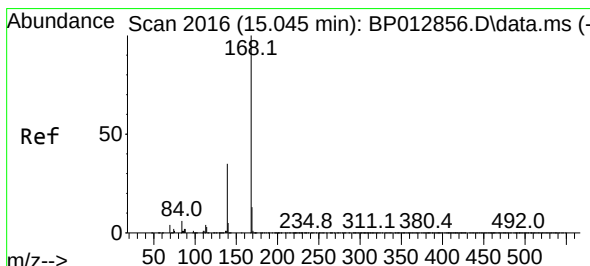
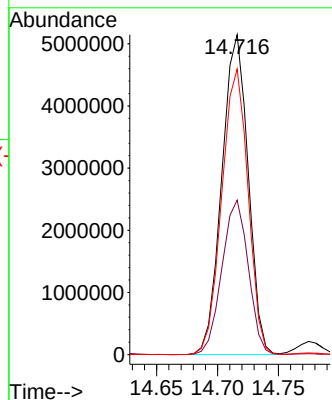
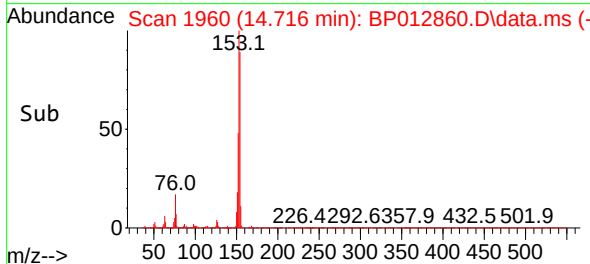
Instrument :
BNA_P
ClientSampleId :
BHB64



Tgt Ion:153 Resp: 7750347
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.4
154 89.3 69.8 104.6

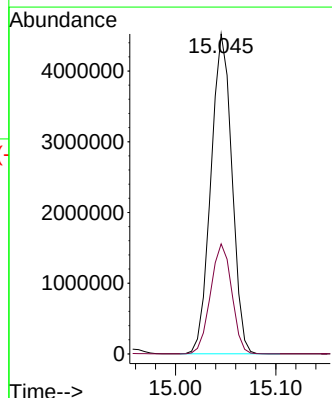
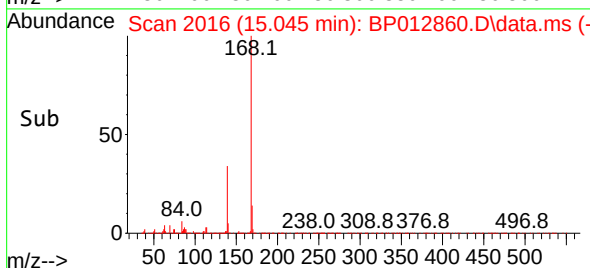
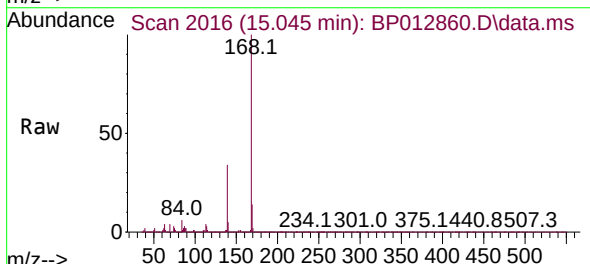
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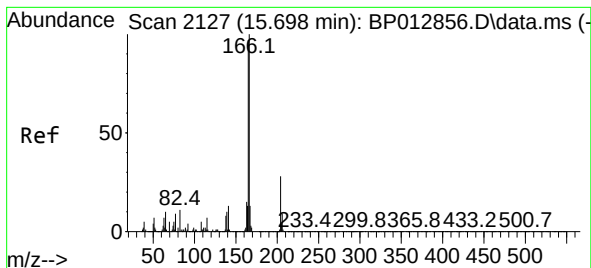
Reviewed By :Jagrut Upadhyay 11/30/2022
Supervised By :mohammad ahmed 11/30/2022



#56
Dibenzofuran
Concen: 60.079 ng/ul
RT: 15.045 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46

Tgt Ion:168 Resp: 6574956
Ion Ratio Lower Upper
168 100
139 34.4 27.7 41.5





#61

Fluorene

Concen: 61.146 ng/ul

RT: 15.698 min Scan# 2127

Delta R.T. 0.000 min

Lab File: BP012860.D

Acq: 29 Nov 2022 19:46

Instrument :

BNA_P

ClientSampleId :

BHB64

Tgt Ion:166 Resp: 536637

Ion Ratio Lower Upper

166 100

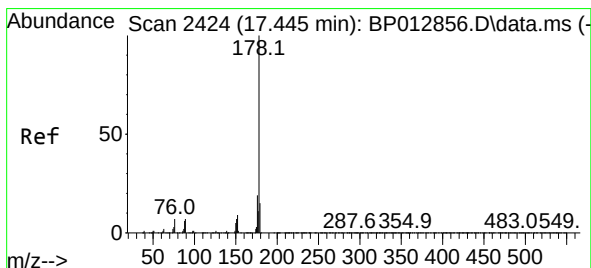
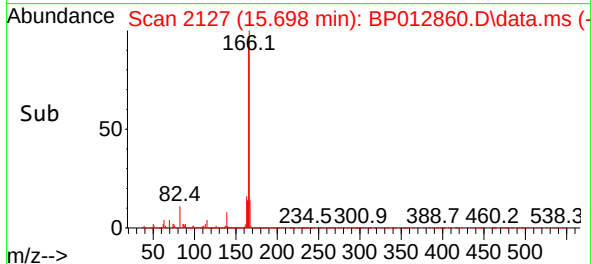
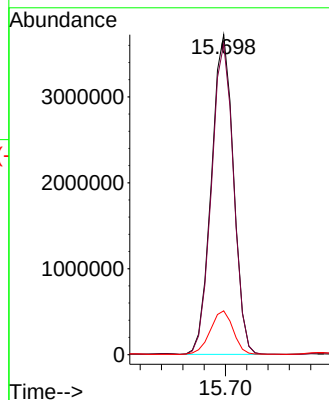
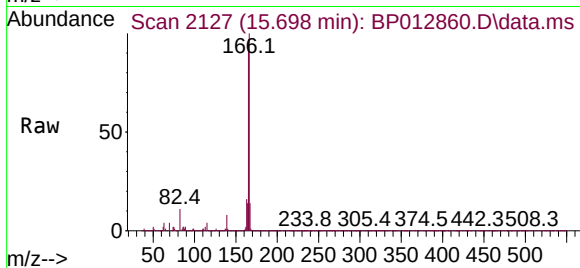
165 97.1 78.2 117.2

167 13.7 10.9 16.3

Manual Integrations

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Supervised By :mohammad ahmed 11/30/2022



#72

Phenanthrene

Concen: 76.878 ng/ul

RT: 17.445 min Scan# 2424

Delta R.T. 0.000 min

Lab File: BP012860.D

Acq: 29 Nov 2022 19:46

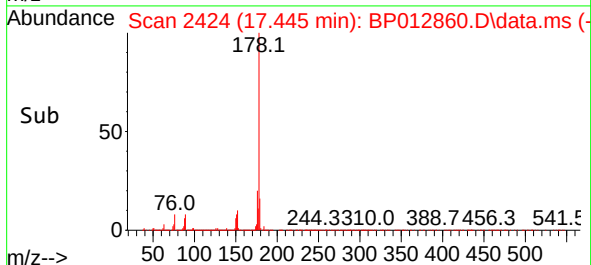
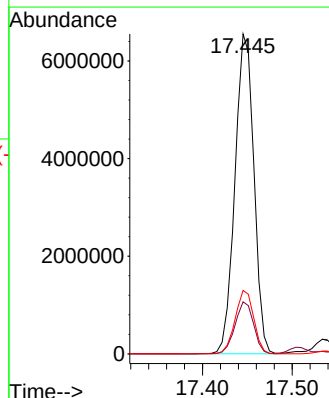
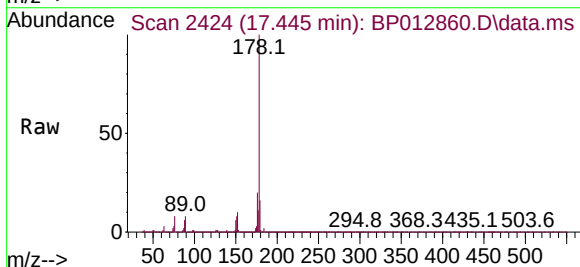
Tgt Ion:178 Resp: 9612510

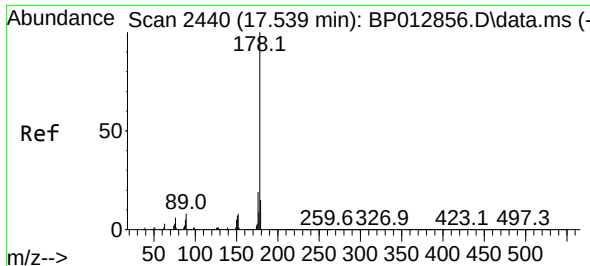
Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

176 19.8 15.4 23.0





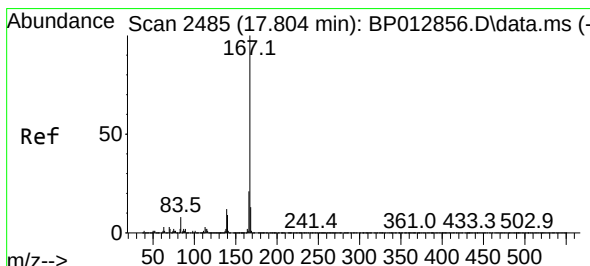
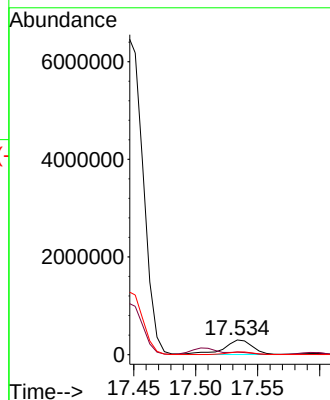
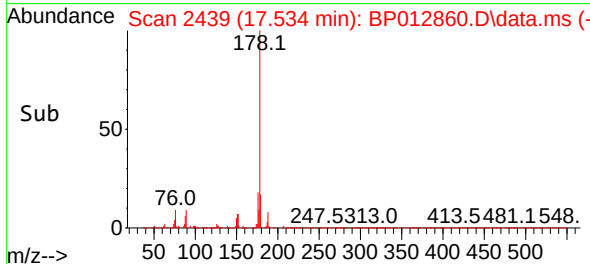
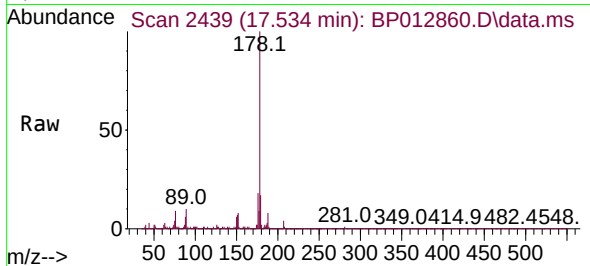
#74
 Anthracene
 Concen: 3.973 ng/ul m
 RT: 17.534 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP012860.D
 Acq: 29 Nov 2022 19:46

Instrument :
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 BHB64

Tgt Ion:178 Resp: 491475
 Ion Ratio Lower Upper
 178 100
 179 17.2 12.4 18.6
 176 18.0 14.8 22.2

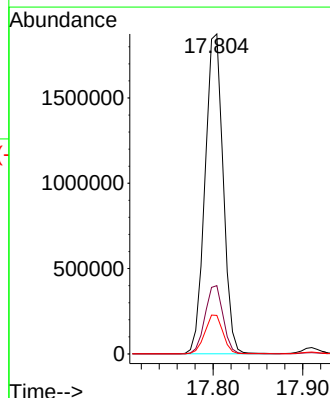
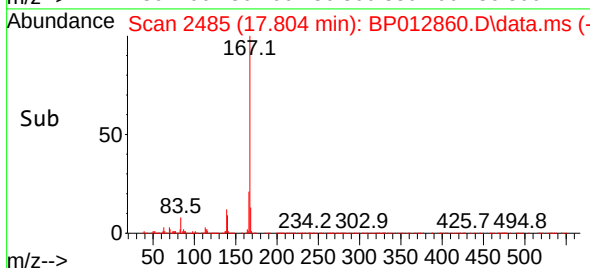
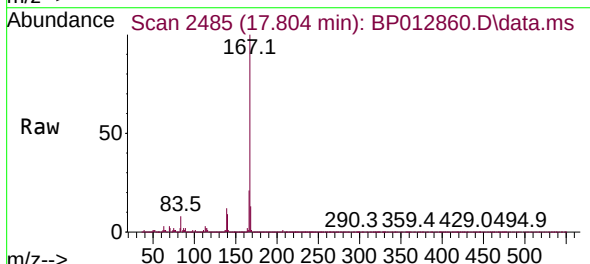
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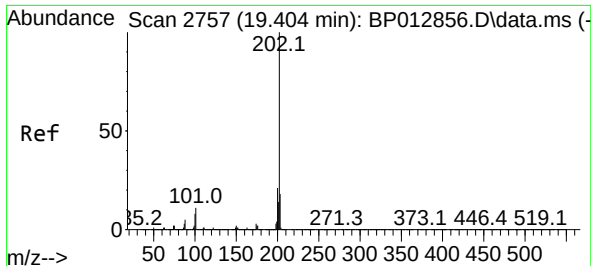
Reviewed By :Jagrut Upadhyay 11/30/2022
 Supervised By :mohammad ahmed 11/30/2022



#77
 Carbazole
 Concen: 25.162 ng/ul
 RT: 17.804 min Scan# 2485
 Delta R.T. 0.000 min
 Lab File: BP012860.D
 Acq: 29 Nov 2022 19:46

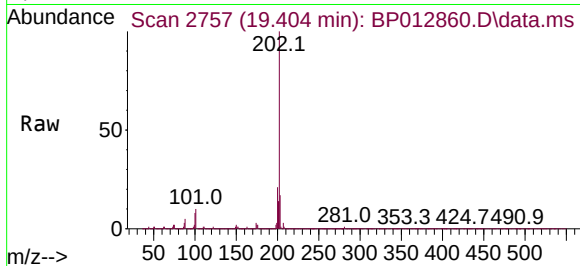
Tgt Ion:167 Resp: 2633047
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.0 9.8 14.8





#80
Fluoranthene
Concen: 10.316 ng/ul
RT: 19.404 min Scan# 2757
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46

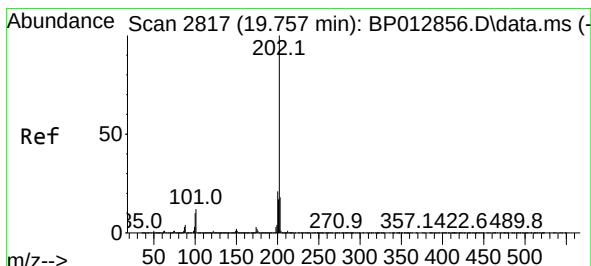
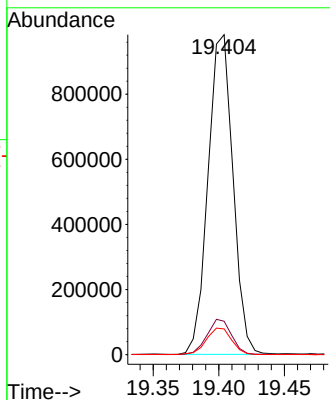
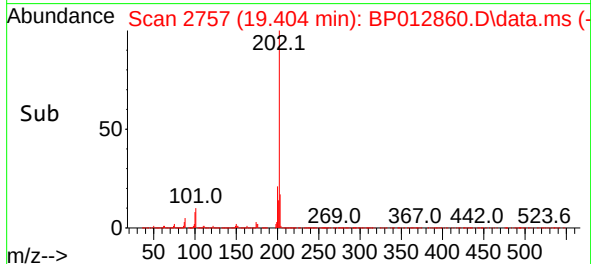
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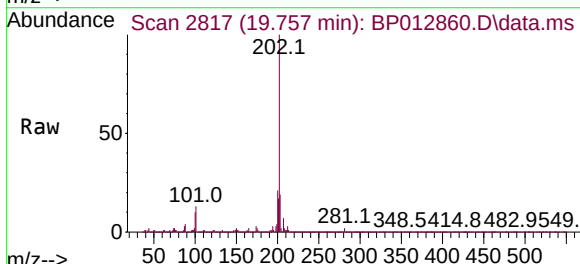
Tgt Ion:202 Resp: 1300618
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 8.0 6.9 10.3

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#82
Pyrene
Concen: 5.723 ng/ul
RT: 19.757 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP012860.D
Acq: 29 Nov 2022 19:46



Tgt Ion:202 Resp: 746318
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 10.1 8.6 13.0

