

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014217.D
 Acq On : 22 Mar 2023 13:13
 Operator : CG/JU
 Sample : 01956-05
 Misc :
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E0288

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2023
 Supervised By : mohammad ahmed 03/24/2023

Quant Time: Mar 23 00:58:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 22 03:05:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	171112	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	707522	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	478814	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1076173	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.516	240	930458	20.000	ng/u1	# 0.00
88) Perylene-d12	24.033	264	814267	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	25131	5.549	ng/uL	0.00
4) Pyridine-d5	3.858	84	152180	12.136	ng/u1	0.01
7) Phenol-d5	7.205	99	182610	12.093	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	351569	39.922	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	370429	32.199	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	305940	24.804	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	233765	41.409	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	263480	38.990	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	446191	35.091	ng/u1	0.02
31) 4-Chloroaniline-d4	11.022	131	6332	0.376	ng/u1	0.02
46) Dimethylphthalate-d6	14.140	166	1304215m	32.095	ng/u1	0.05
49) Acenaphthylene-d8	14.387	160	1633377	37.944	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	83267	11.628	ng/u1	0.03
60) Fluorene-d10	15.681	176	1320313	38.338	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	237209	29.163	ng/u1	0.00
73) Anthracene-d10	17.539	188	2095267	40.106	ng/u1	0.00
81) Pyrene-d10	19.763	212	2439508	47.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.869	264	1759240	40.617	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.234	94	34162	2.194	ng/u1#	82
16) Acetophenone	8.875	105	48490	2.434	ng/u1	98
18) 4-Methylphenol	8.822	108	323279	25.382	ng/u1	87
26) 2,4-Dimethylphenol	10.040	107	35061	2.300	ng/u1	96
30) Naphthalene	10.916	128	1909701	49.153	ng/u1	99
36) 2-Methylnaphthalene	12.516	142	1240729	45.530	ng/u1	100
37) 1-Methylnaphthalene	12.740	142	1697601	61.979	ng/u1	100
43) 1,1'-Biphenyl	13.516	154	79362	2.153	ng/u1#	93
47) Dimethylphthalate	14.151	163	736497	18.311	ng/u1#	55
61) Fluorene	15.734	166	81071	2.129	ng/u1#	78
72) Phenanthrene	17.481	178	105830	1.803	ng/u1#	89

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

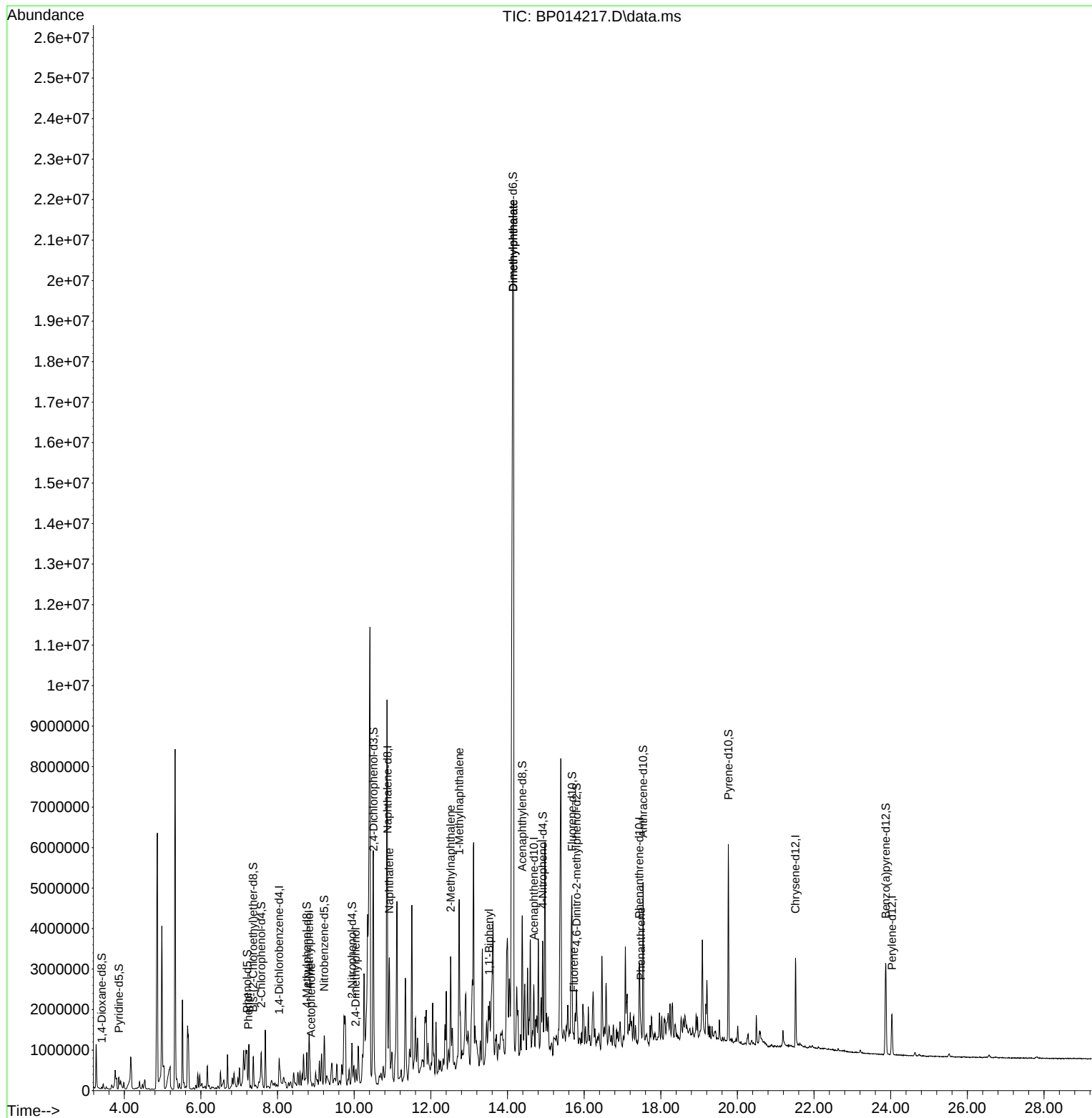
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014217.D
Acq On : 22 Mar 2023 13:13
Operator : CG/JU
Sample : 01956-05
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ALS Vial : 89 Sample Multiplier: 1

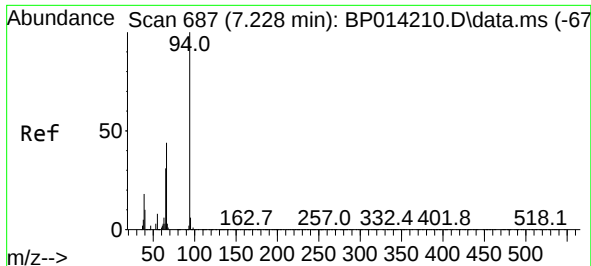
Instrument :
BNA_P
ClientSampleId :
E0288

Quant Time: Mar 23 00:58:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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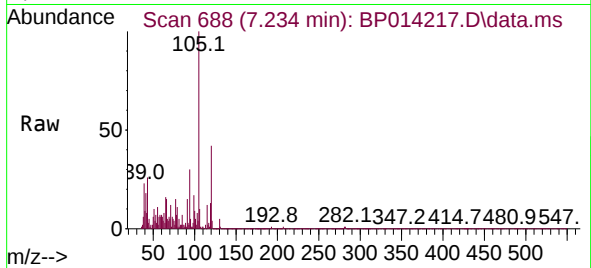
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023





#8
Phenol
Concen: 2.194 ng/ul
RT: 7.234 min Scan# 687
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

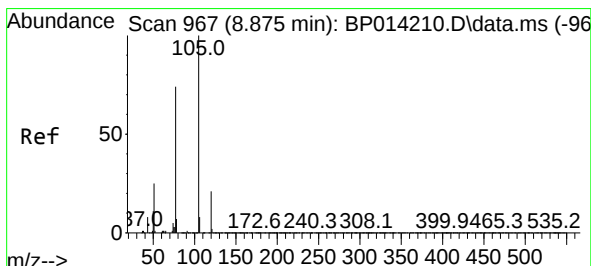
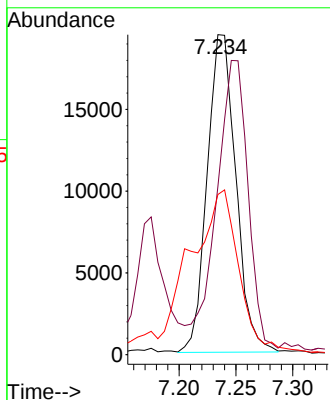
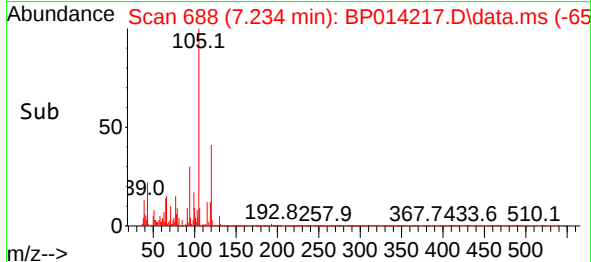
Instrument :
BNA_P
ClientSampleId :
E0288



Tgt Ion: 94 Resp: 34162
Ion Ratio Lower Upper
94 100
65 52.5 25.2 37.8
66 50.0 37.2 55.8

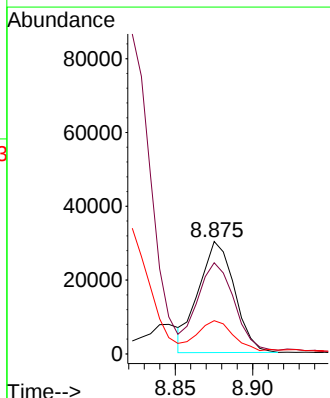
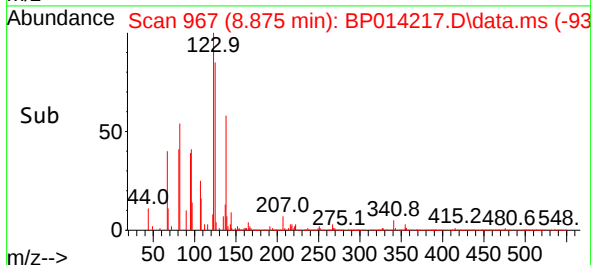
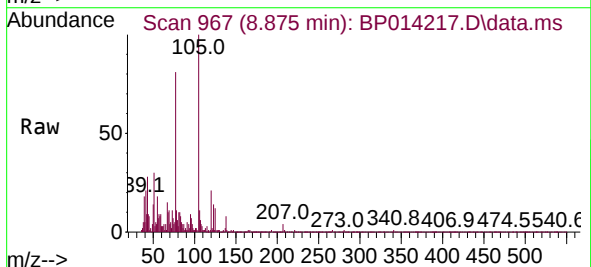
Manual Integrations
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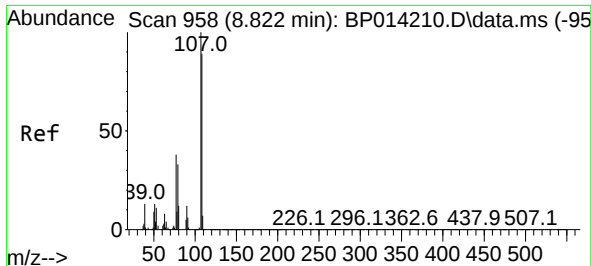
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023



#16
Acetophenone
Concen: 2.434 ng/ul
RT: 8.875 min Scan# 967
Delta R.T. -0.006 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion:105 Resp: 48490
Ion Ratio Lower Upper
105 100
77 81.0 65.4 98.2
51 29.5 21.8 32.8





#18

4-Methylphenol

Concen: 25.382 ng/ul

RT: 8.822 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

E0288

Tgt Ion:108 Resp: 323279

Ion Ratio Lower Upper

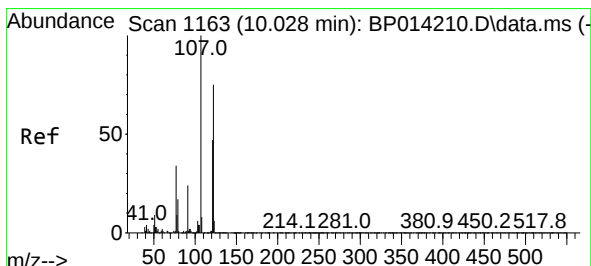
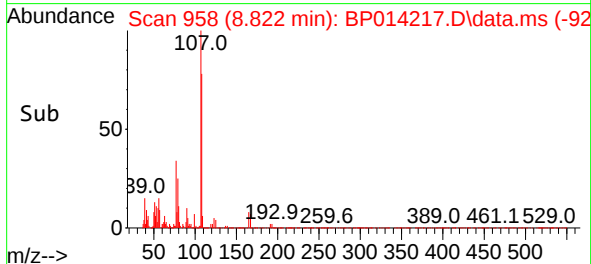
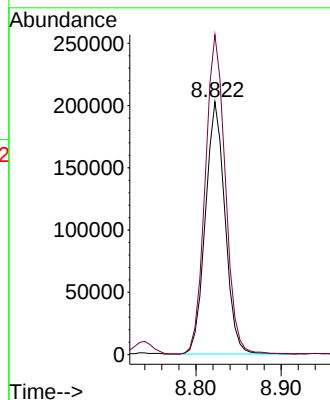
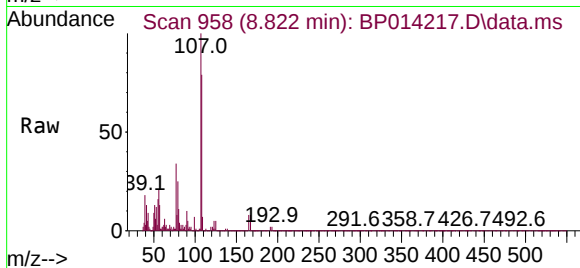
108 100

107 126.5 89.8 134.6

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#26

2,4-Dimethylphenol

Concen: 2.300 ng/ul

RT: 10.040 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

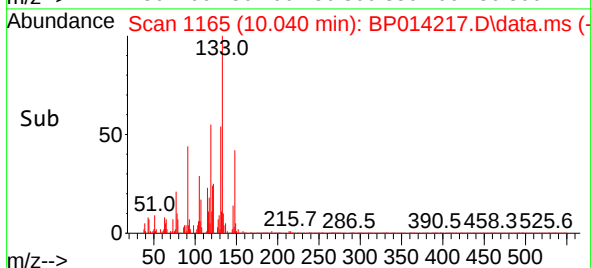
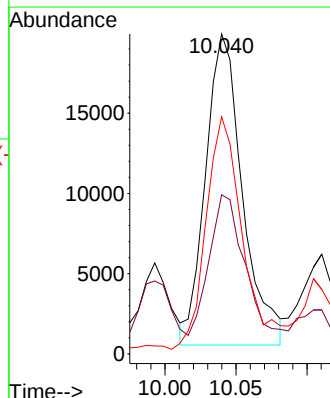
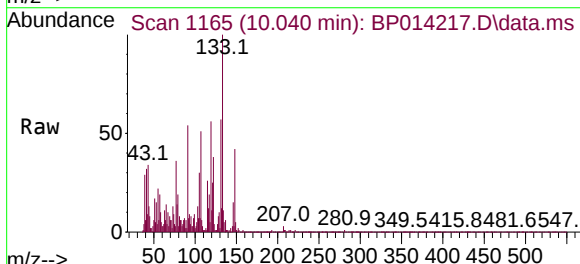
Tgt Ion:107 Resp: 35061

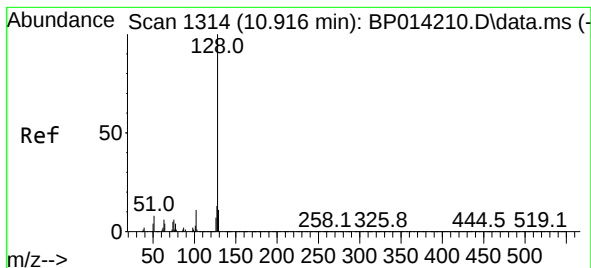
Ion Ratio Lower Upper

107 100

121 49.7 37.1 55.7

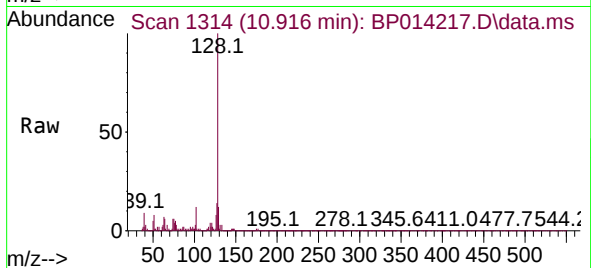
122 74.1 61.2 91.8





#30
Naphthalene
Concen: 49.153 ng/ul
RT: 10.916 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

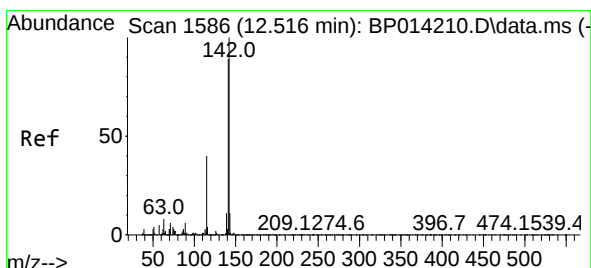
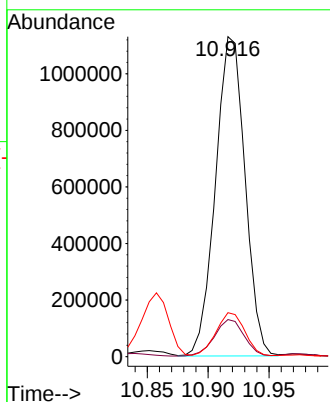
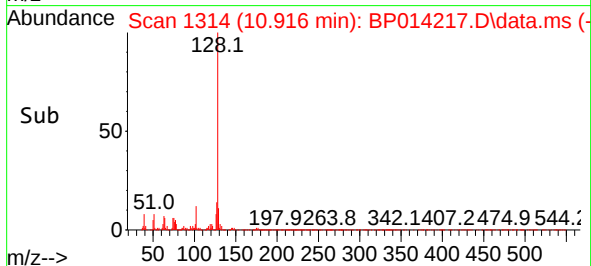
Instrument :
BNA_P
ClientSampleId :
E0288



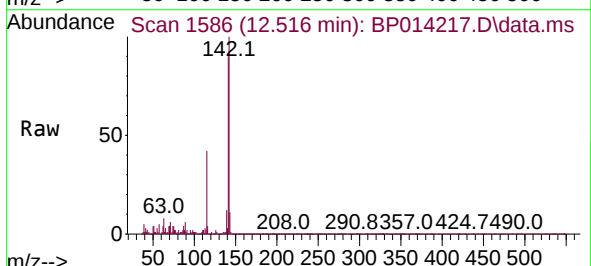
Tgt Ion:128 Resp: 1909701
Ion Ratio Lower Upper
128 100
129 11.6 8.5 12.7
127 13.7 11.0 16.4

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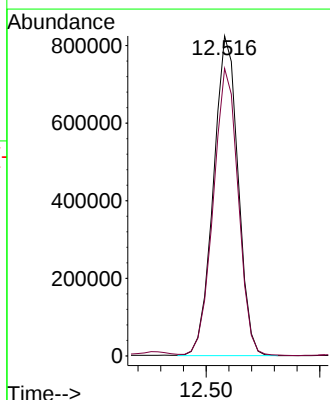
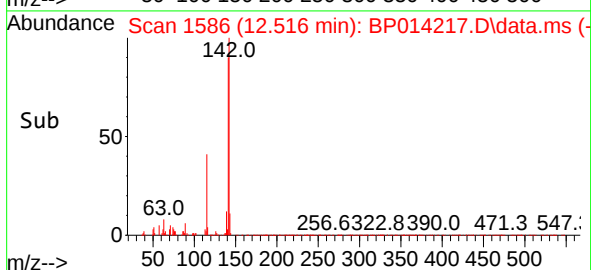
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023

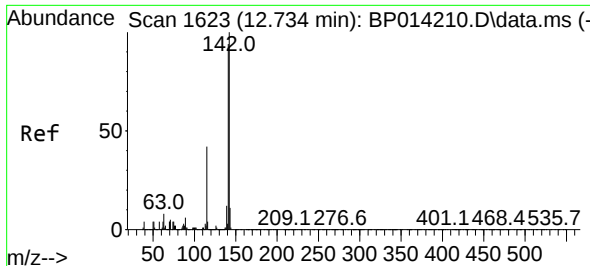


#36
2-Methylnaphthalene
Concen: 45.530 ng/ul
RT: 12.516 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13



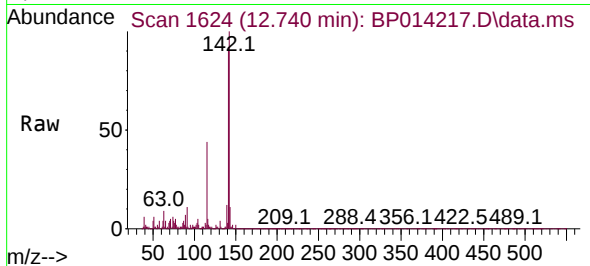
Tgt Ion:142 Resp: 1240729
Ion Ratio Lower Upper
142 100
141 89.8 71.7 107.5





#37
1-Methylnaphthalene
Concen: 61.979 ng/ul
RT: 12.740 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

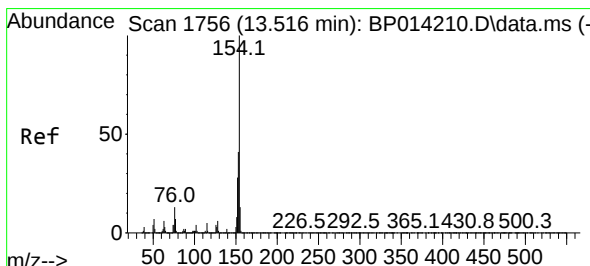
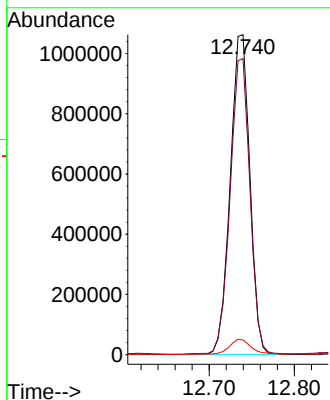
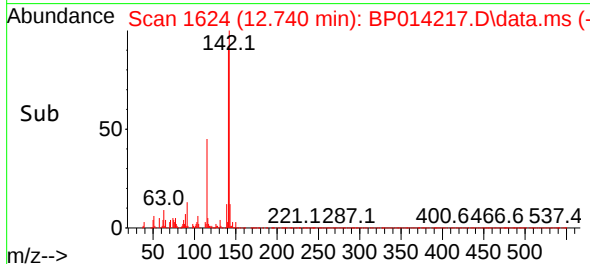
Instrument :
BNA_P
Client Sample Id :
E0288



Tgt Ion:142 Resp: 1697601
Ion Ratio Lower Upper
142 100
141 92.5 73.8 110.6
116 4.6 3.7 5.5

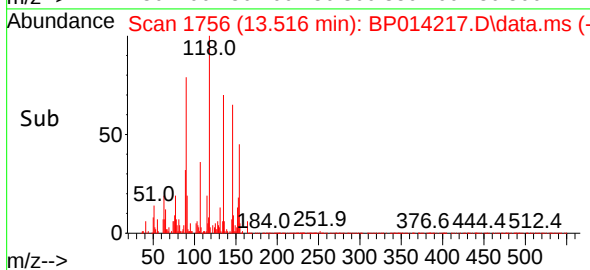
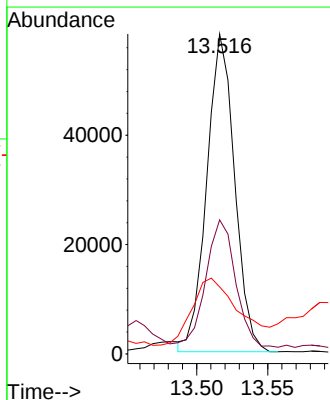
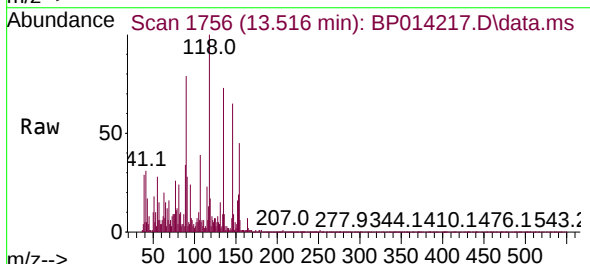
Manual Integrations
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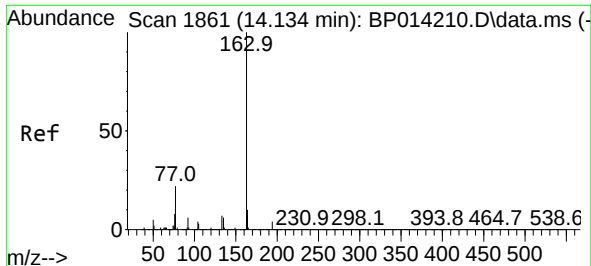
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023



#43
1,1'-Biphenyl
Concen: 2.153 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

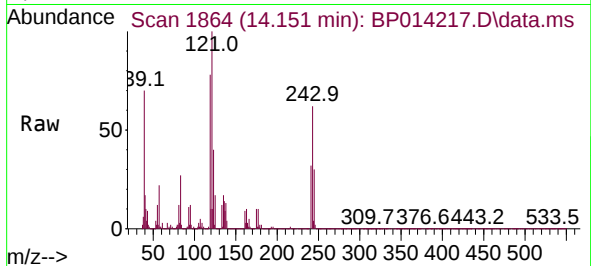
Tgt Ion:154 Resp: 79362
Ion Ratio Lower Upper
154 100
153 41.9 32.6 49.0
76 20.9 9.4 14.0#





#47
Dimethylphthalate
Concen: 18.311 ng/ul
RT: 14.151 min Scan# 1864
Delta R.T. 0.012 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

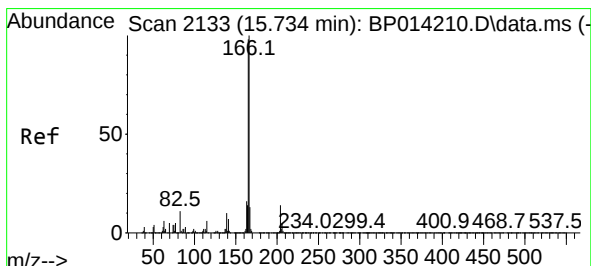
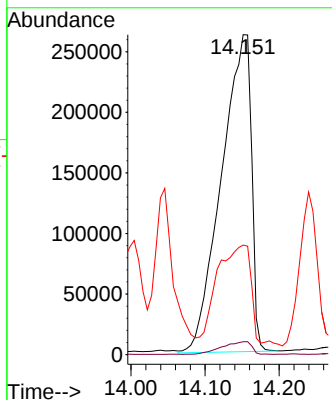
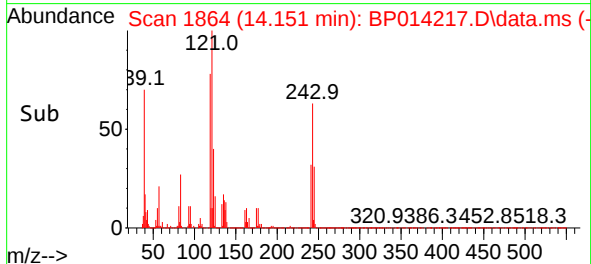
Instrument :
BNA_P
ClientSampleId :
E0288



Tgt Ion:163 Resp: 73649
Ion Ratio Lower Upper
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194 4.0 3.6 5.4
164 34.2 8.2 12.4

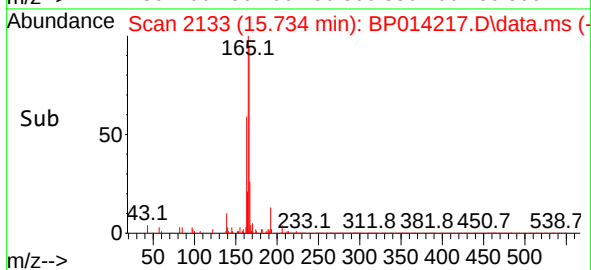
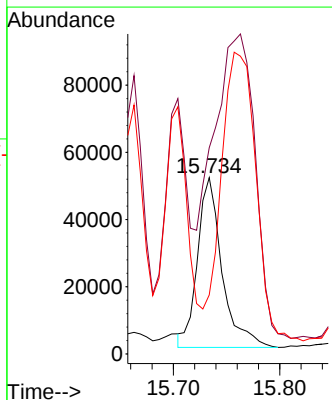
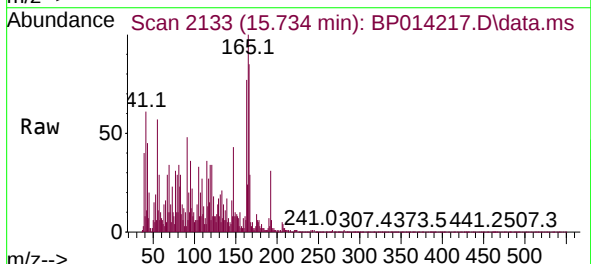
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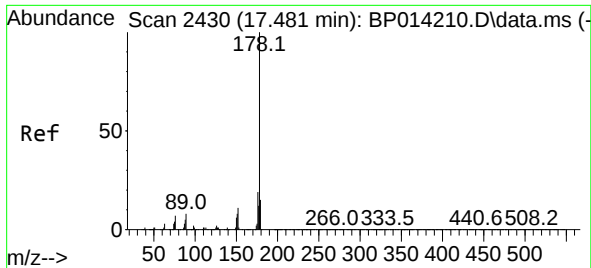
Reviewed By :Christian Giraldo 03/23/2023
Supervised By :mohammad ahmed 03/24/2023



#61
Fluorene
Concen: 2.129 ng/ul
RT: 15.734 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BP014217.D
Acq: 22 Mar 2023 13:13

Tgt Ion:166 Resp: 81071
Ion Ratio Lower Upper
166 100
165 117.0 78.9 118.3
167 33.5 11.0 16.6





#72

Phenanthrene

Concen: 1.803 ng/ul

RT: 17.481 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP014217.D

Acq: 22 Mar 2023 13:13

Instrument :

BNA_P

ClientSampleId :

E0288

Tgt Ion:178 Resp: 105830

Ion Ratio Lower Upper

178 100

179 23.3 12.2 18.4

176 21.2 15.4 23.0

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