

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014013.D
 Acq On : 09 Mar 2023 16:40
 Operator : CG/JU
 Sample : 01746-01DL2 50X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAC1DL2

Quant Time: Mar 10 00:20:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2023
 Supervised By :Jagrut Upadhyay 03/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	105806	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	448391	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	312477	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	779303	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	860724	20.000	ng/u1	0.00
88) Perylene-d12	24.086	264	878991	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	7.405	67	3379	0.621	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	2794m	0.393	ng/u1	0.00
15) 4-Methylphenol-d8	8.805	113	1599	0.210	ng/u1	0.01
21) Nitrobenzene-d5	9.257	128	1902m	0.532	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	1787	0.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	3435m	0.426	ng/u1	0.03
31) 4-Chloroaniline-d4	11.063	131	4114m	0.386	ng/u1	0.02
46) Dimethylphthalate-d6	14.122	166	20740	0.782	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	18461	0.657	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.710	176	17473	0.777	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	3127	0.531	ng/u1	0.00
73) Anthracene-d10	17.569	188	30724m	0.812	ng/u1	0.00
81) Pyrene-d10	19.792	212	37429	0.788	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	33424	0.715	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	861186	34.976	ng/u1	99
36) 2-Methylnaphthalene	12.551	142	50952	2.950	ng/u1	98
37) 1-Methylnaphthalene	12.769	142	36309	2.092	ng/u1	98
52) Acenaphthene	14.781	153	61205	2.970	ng/u1	97
56) Dibenzofuran	15.116	168	55602	1.854	ng/u1	98
61) Fluorene	15.763	166	32887	1.323	ng/u1	93
72) Phenanthrene	17.516	178	42907	1.009	ng/u1	99
77) Carbazole	17.875	167	128015	3.367	ng/u1	99

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

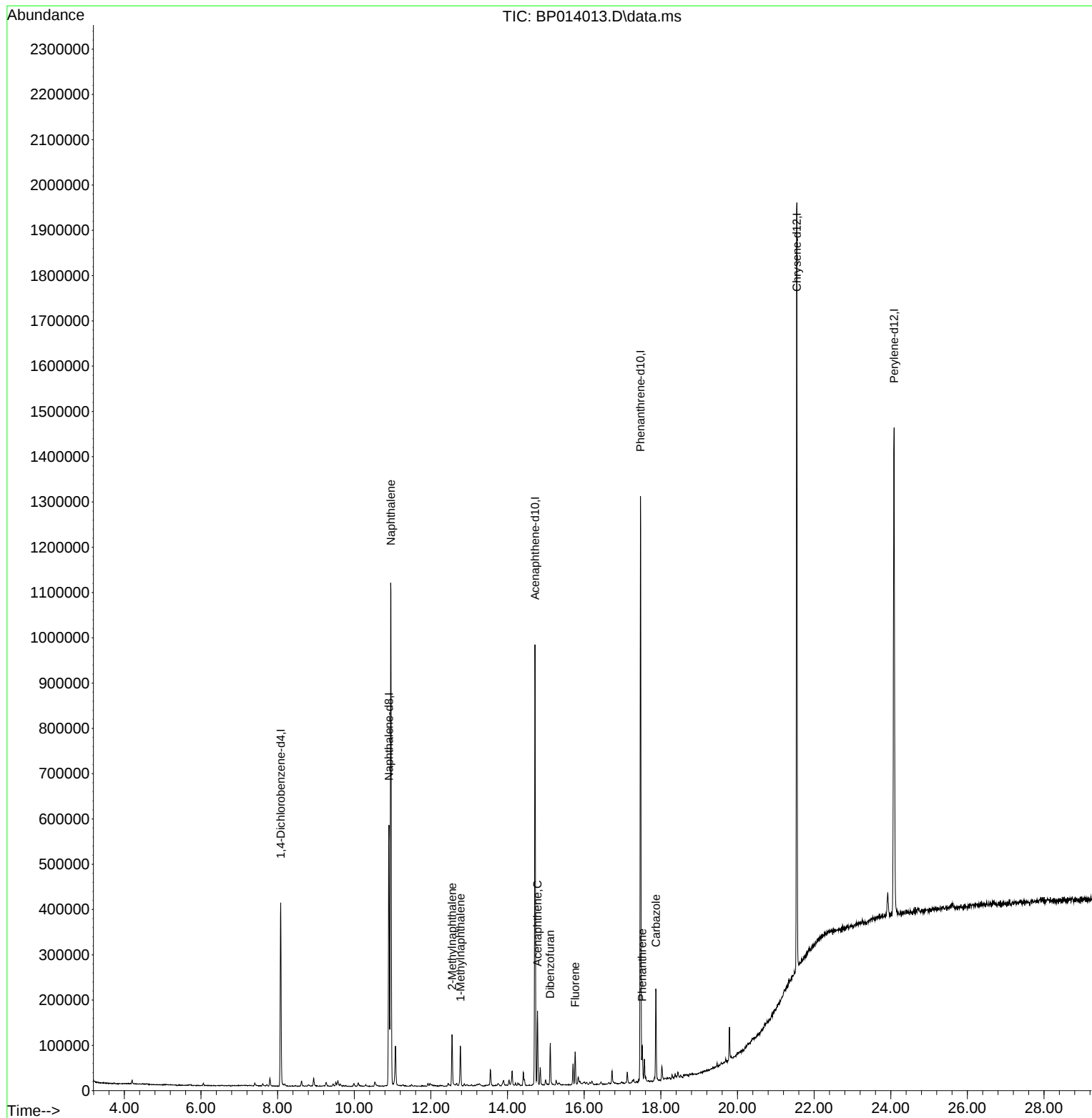
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
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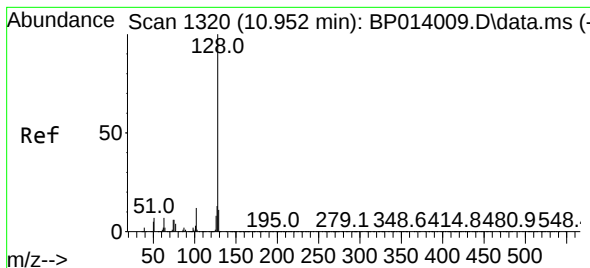
Instrument :
BNA_P
ClientSampleId :
DCAC1DL2

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
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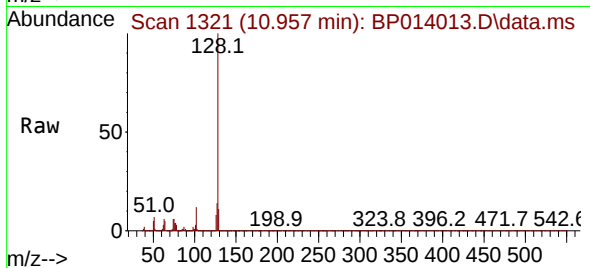
Reviewed By : Christian Giraldo 03/10/2023
Supervised By : Jagrut Upadhyay 03/10/2023





#30
Naphthalene
Concen: 34.976 ng/ul
RT: 10.957 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

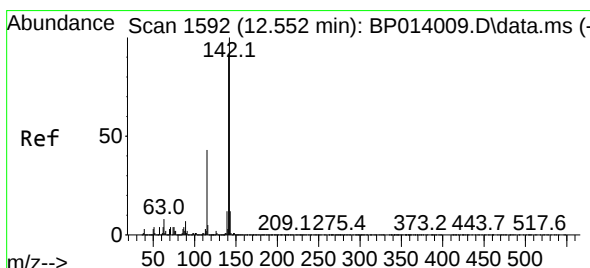
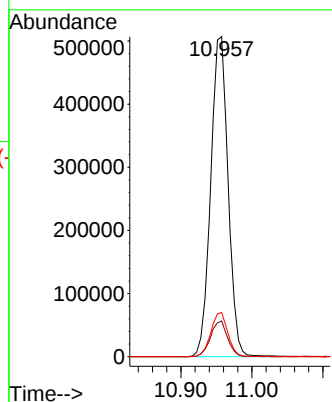
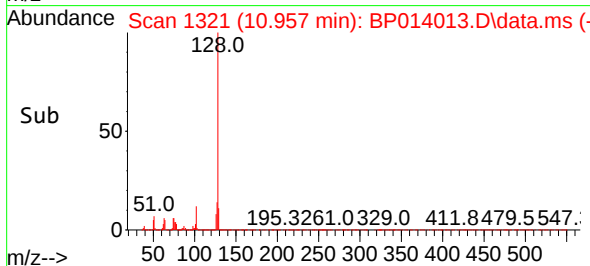
Instrument :
BNA_P
ClientSampleId :
DCAC1DL2



Tgt Ion:128 Resp: 861180
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 13.8 11.0 16.4

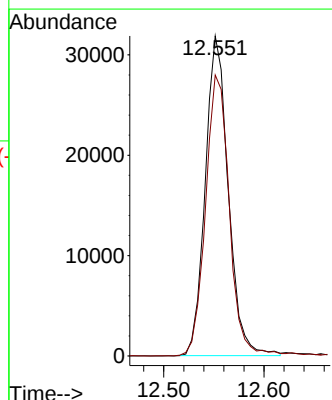
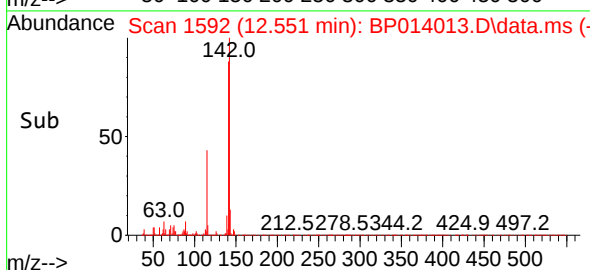
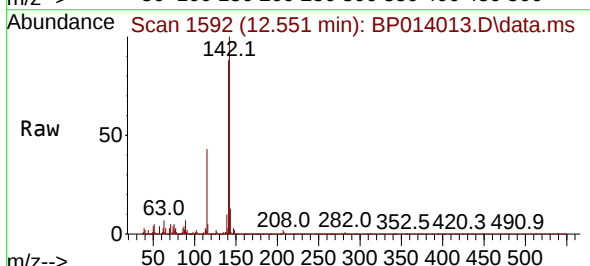
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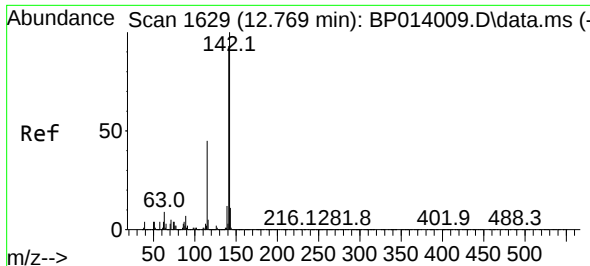
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#36
2-Methylnaphthalene
Concen: 2.950 ng/ul
RT: 12.551 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Tgt Ion:142 Resp: 50952
Ion Ratio Lower Upper
142 100
141 87.8 71.7 107.5





#37
1-Methylnaphthalene
Concen: 2.092 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Instrument :

BNA_P

ClientSampleId :

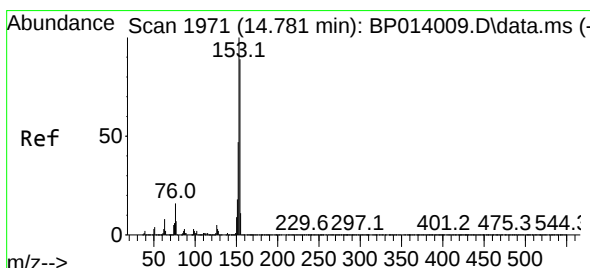
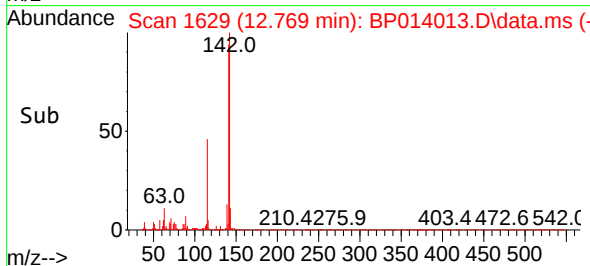
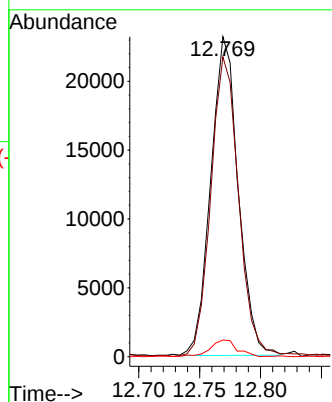
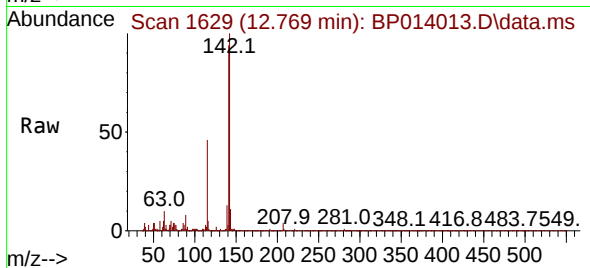
DCAC1DL2

Tgt Ion:142 Resp: 36309
Ion Ratio Lower Upper
142 100
141 93.7 73.8 110.6
116 5.2 3.7 5.5

Manual Integrations

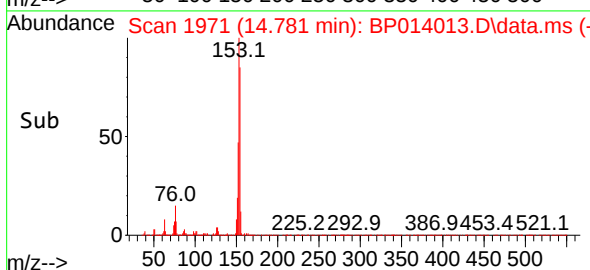
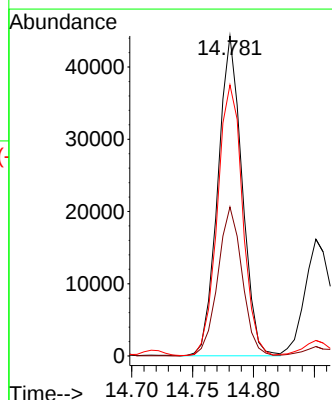
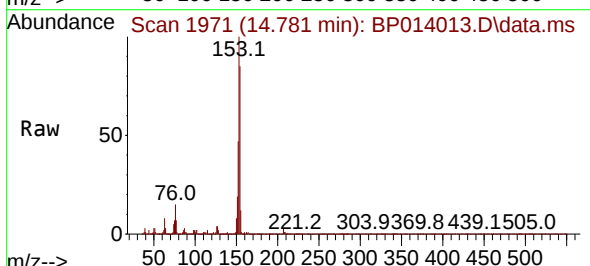
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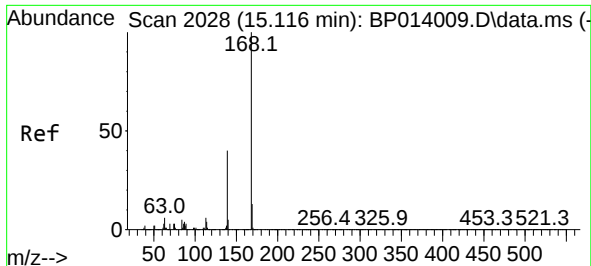
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#52
Acenaphthene
Concen: 2.970 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Tgt Ion:153 Resp: 61205
Ion Ratio Lower Upper
153 100
152 46.6 37.7 56.5
154 84.7 70.4 105.6





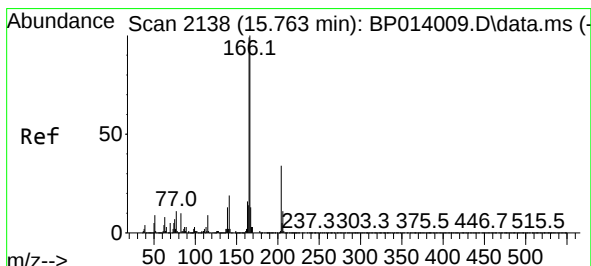
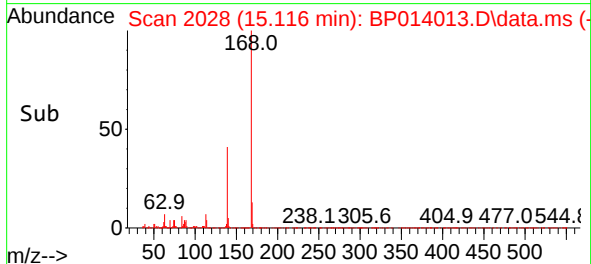
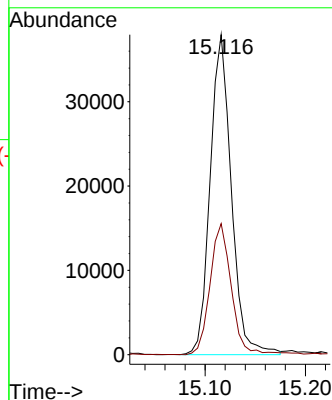
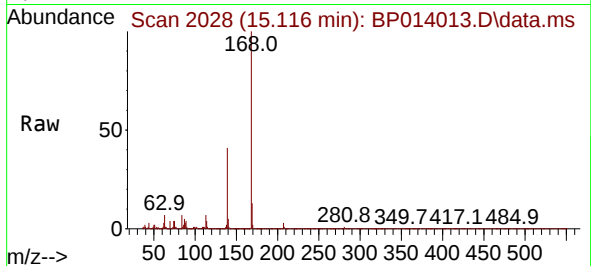
#56
Dibenzenofuran
Concen: 1.854 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Instrument :
BNA_P
ClientSampleId :
DCAC1DL2

Tgt Ion:168 Resp: 55602
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6

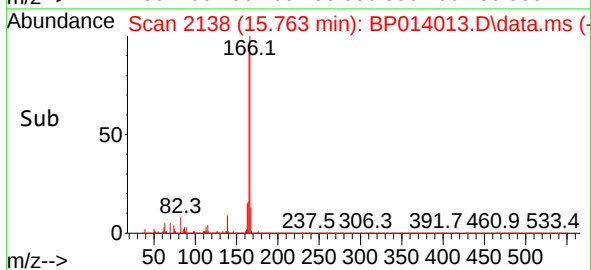
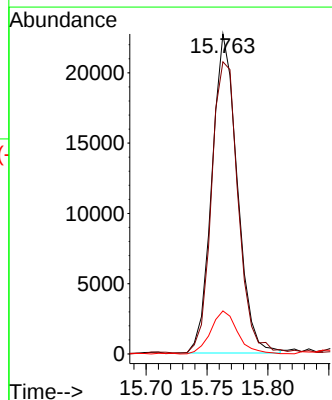
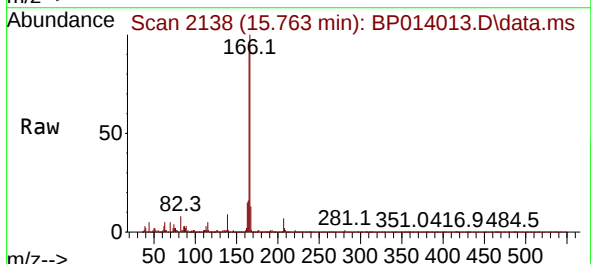
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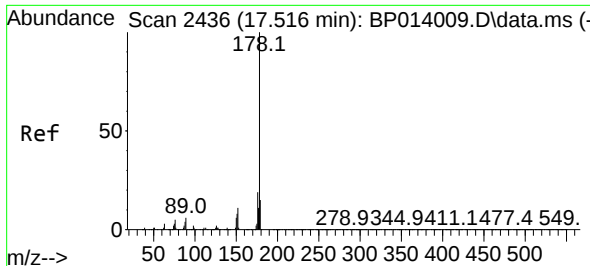
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#61
Fluorene
Concen: 1.323 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Tgt Ion:166 Resp: 32887
Ion Ratio Lower Upper
166 100
165 91.3 78.9 118.3
167 13.4 11.0 16.6





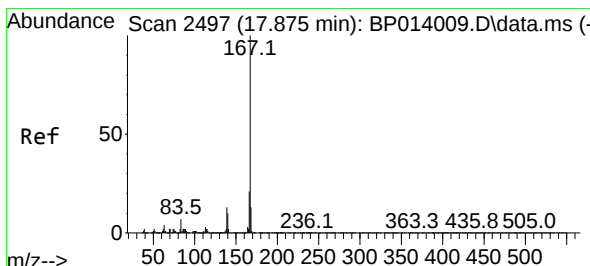
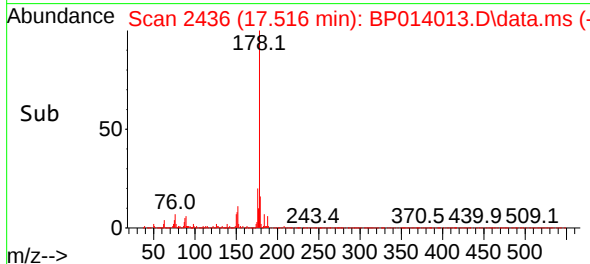
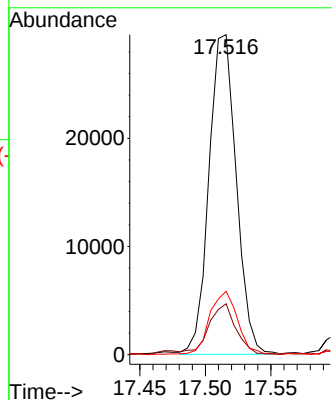
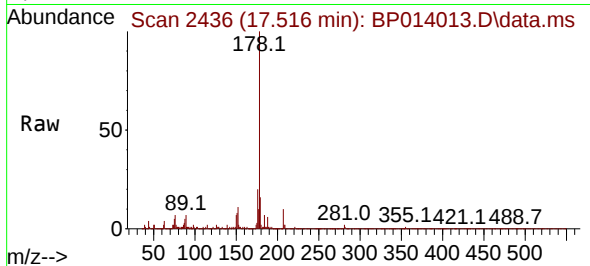
#72
Phenanthrene
Concen: 1.009 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Instrument :
BNA_P
ClientSampleId :
DCAC1DL2

Tgt Ion:	178	Resp:	4290
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.2	18.4
176	19.8	15.4	23.0

Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 03/10/2023



#77
Carbazole
Concen: 3.367 ng/ul
RT: 17.875 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BP014013.D
Acq: 09 Mar 2023 16:40

Tgt Ion:	167	Resp:	128015
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.5	26.3
139	13.1	10.5	15.7

