

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014792.D
 Acq On : 21 Apr 2023 16:22
 Operator : CG/JU
 Sample : 02296-19DL 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBM8DL

Quant Time: Apr 21 17:59:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 20 02:32:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	297104	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1238450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	735482	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	1470148	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	1124499	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1231787	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	1958	0.262	ng/uL	0.00
4) Pyridine-d5	3.946	84	11241m	0.552	ng/u1	0.03
7) Phenol-d5	7.287	99	18618	0.725	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.463	67	55372	3.494	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	46219	2.423	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	34001	1.698	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	26823	3.456	ng/u1	0.00
24) 2-Nitrophenol-d4	10.046	143	21027	3.000	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	53045	2.787	ng/u1	0.00
31) 4-Chloroaniline-d4	11.104	131	23127	0.796	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	209362	3.595	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	217651	3.225	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	3805	0.411	ng/u1	0.00
60) Fluorene-d10	15.769	176	178029	3.563	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	10412	1.750	ng/u1	-0.01
73) Anthracene-d10	17.628	188	264487	3.724	ng/u1	0.00
81) Pyrene-d10	19.839	212	264277	4.103	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.998	264	213161	3.339	ng/u1	-0.02
Target Compounds						
					Qvalue	
26) 2,4-Dimethylphenol	10.128	107	42449m	1.829	ng/u1	
30) Naphthalene	11.040	128	15193905	218.907	ng/u1	98
36) 2-Methylnaphthalene	12.622	142	1175411	25.367	ng/u1	99
37) 1-Methylnaphthalene	12.840	142	789955	17.197	ng/u1	99
43) 1,1'-Biphenyl	13.616	154	258521	4.335	ng/u1	99
52) Acenaphthene	14.845	153	962327	19.296	ng/u1	99
56) Dibenzofuran	15.175	168	935983	13.335	ng/u1	98
61) Fluorene	15.822	166	319302	5.573	ng/u1	99
72) Phenanthrene	17.569	178	638432	7.705	ng/u1	99
77) Carbazole	17.922	167	448518	6.082	ng/u1	99

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

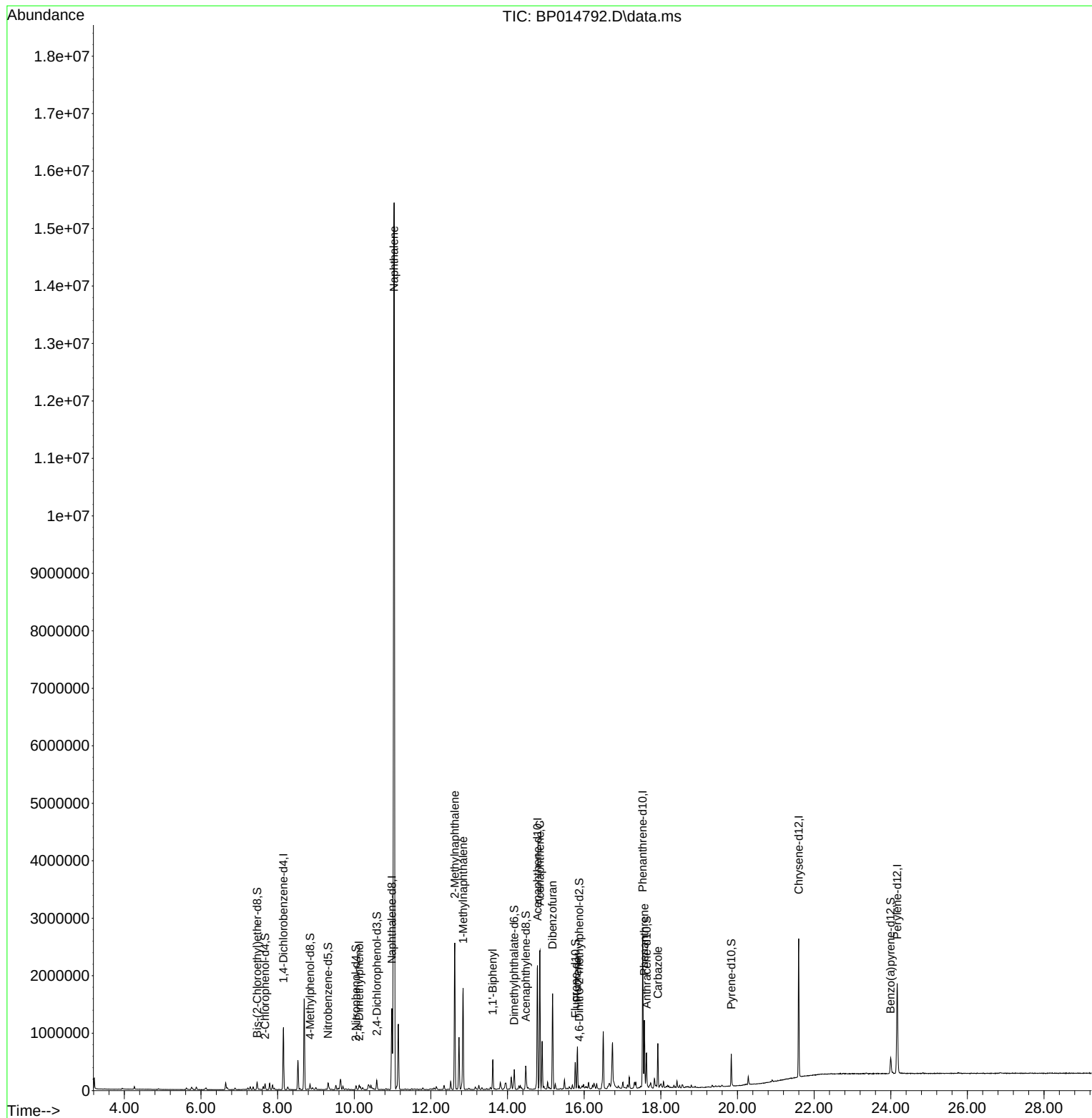
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
Data File : BP014792.D
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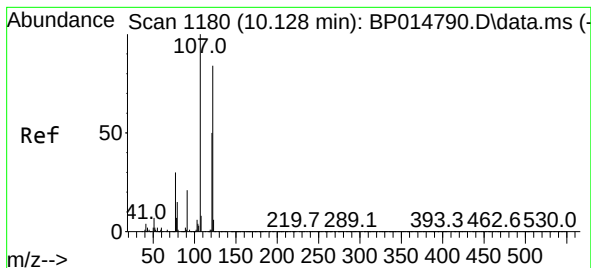
Instrument :
BNA_P
ClientSampleId :
DCBM8DL

Quant Time: Apr 21 17:59:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
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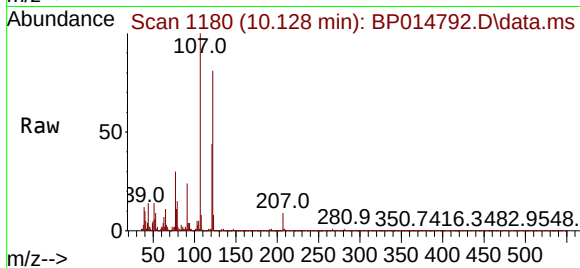
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023





#26
2,4-Dimethylphenol
Concen: 1.829 ng/ul m
RT: 10.128 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

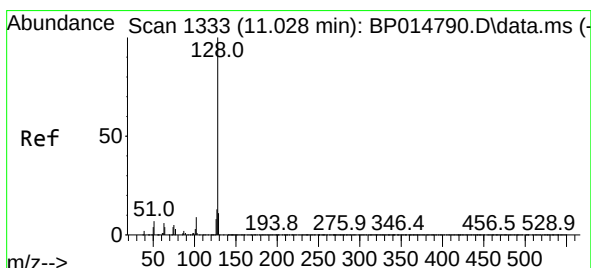
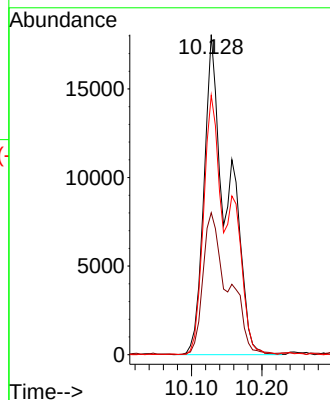
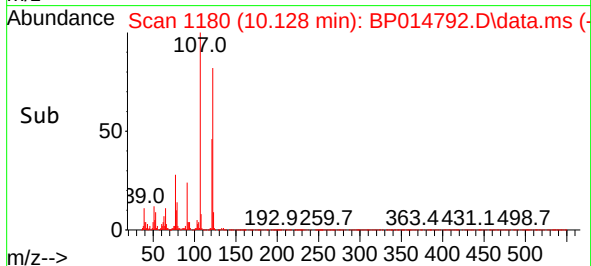
Instrument :
BNA_P
ClientSampleId :
DCBM8DL



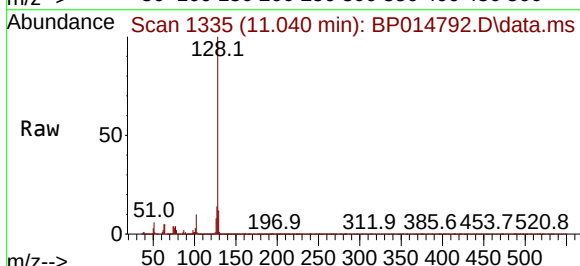
Tgt Ion:107 Resp: 42449
Ion Ratio Lower Upper
107 100
121 44.4 40.2 60.2
122 81.0 69.2 103.8

Manual Integrations
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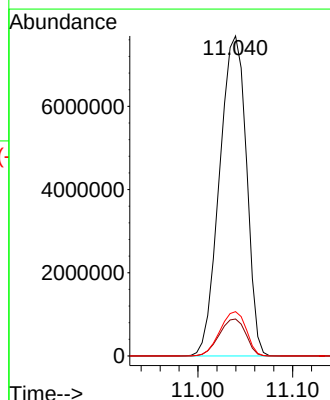
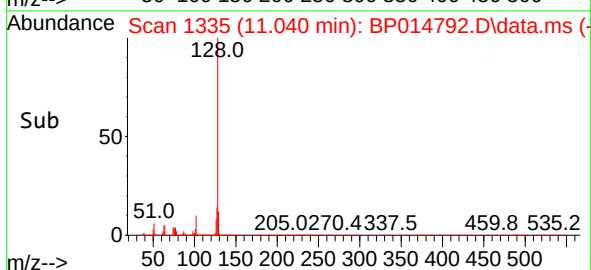
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023

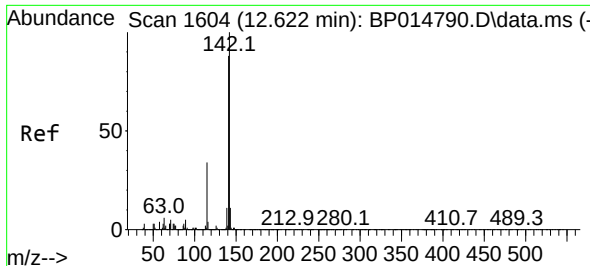


#30
Naphthalene
Concen: 218.907 ng/ul
RT: 11.040 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22



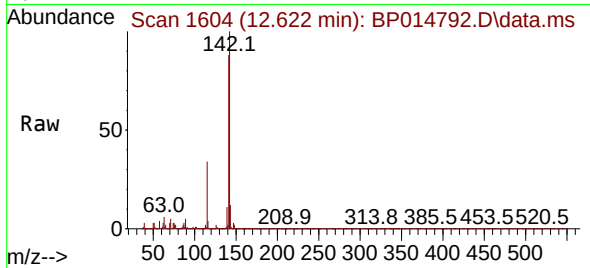
Tgt Ion:128 Resp:15193905
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.8 10.4 15.6





#36
2-Methylnaphthalene
Concen: 25.367 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

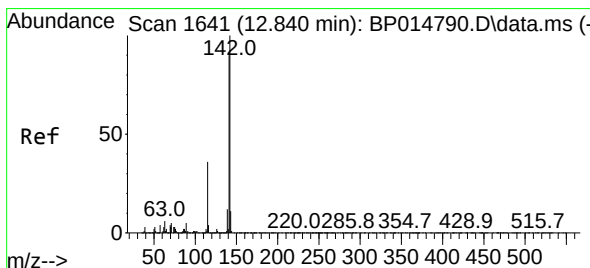
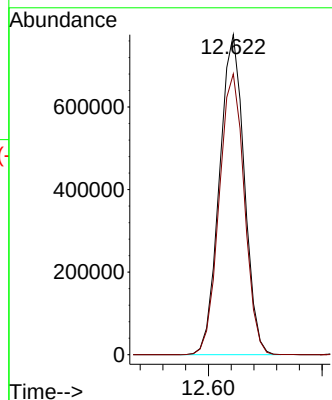
Instrument :
BNA_P
ClientSampleId :
DCBM8DL



Tgt Ion:142 Resp: 117541
Ion Ratio Lower Upper
142 100
141 87.8 70.9 106.3

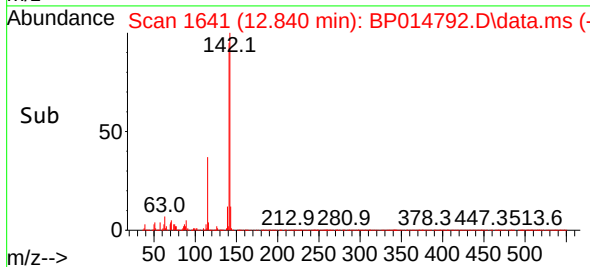
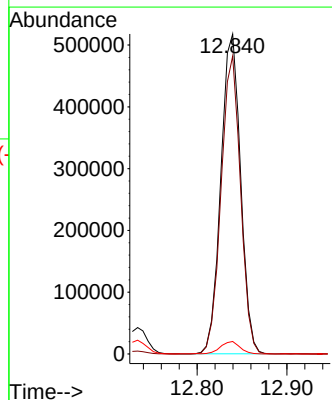
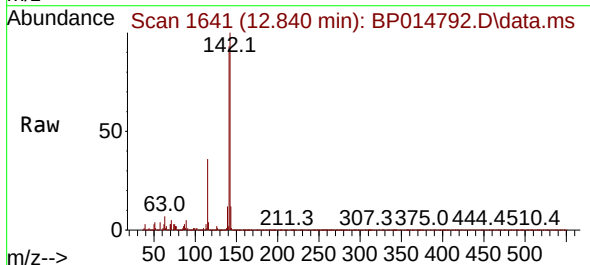
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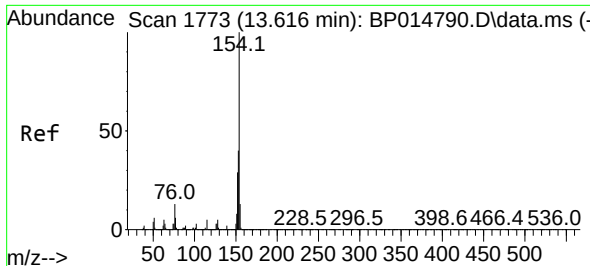
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#37
1-Methylnaphthalene
Concen: 17.197 ng/ul
RT: 12.840 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

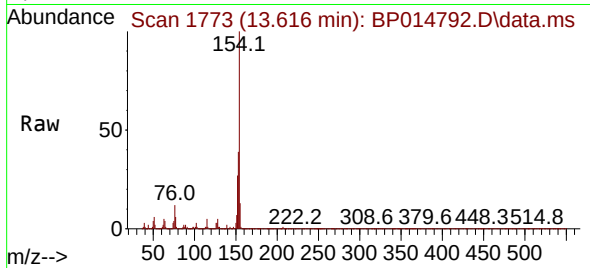
Tgt Ion:142 Resp: 789955
Ion Ratio Lower Upper
142 100
141 93.1 73.8 110.6
116 3.9 3.3 4.9





#43
1,1'-Biphenyl
Concen: 4.335 ng/ul
RT: 13.616 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

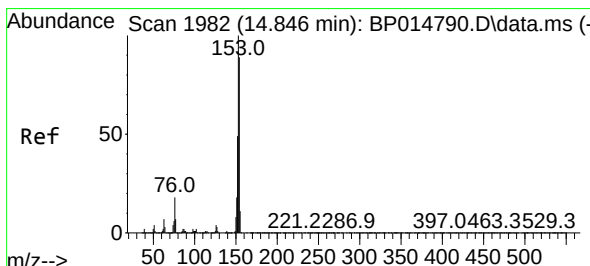
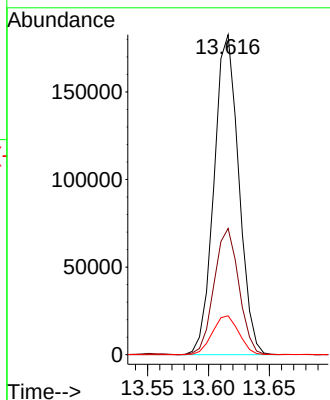
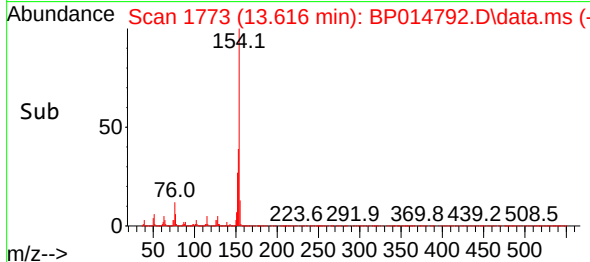
Instrument :
BNA_P
Client Sample Id :
DCBM8DL



Tgt Ion:154 Resp: 25852
Ion Ratio Lower Upper
154 100
153 39.4 31.9 47.9
76 12.1 10.8 16.2

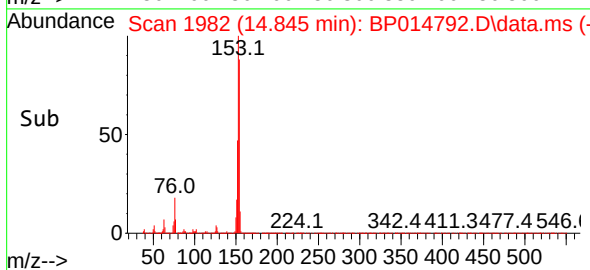
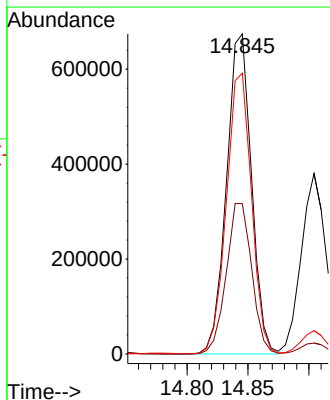
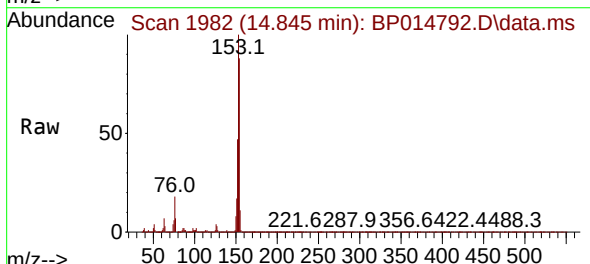
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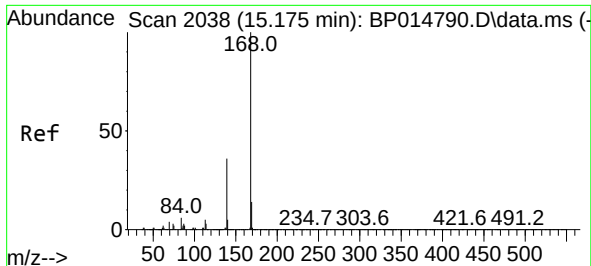
Reviewed By :Christian Giraldo 04/24/2023
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#52
Acenaphthene
Concen: 19.296 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

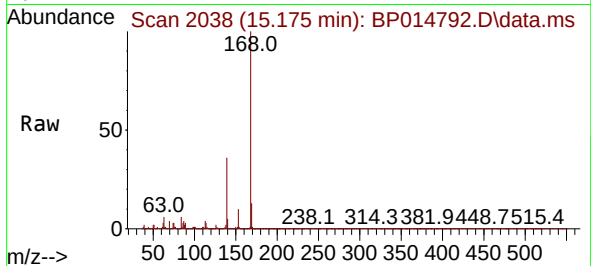
Tgt Ion:153 Resp: 962327
Ion Ratio Lower Upper
153 100
152 47.0 38.4 57.6
154 87.8 69.8 104.8





#56
Dibenzenofuran
Concen: 13.335 ng/ul
RT: 15.175 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

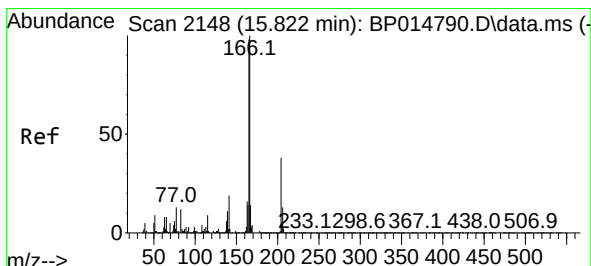
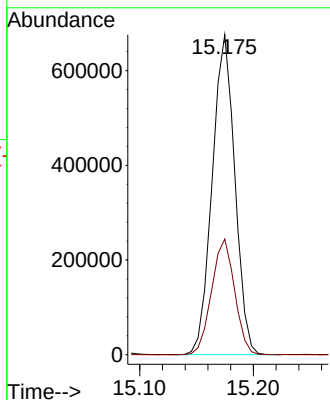
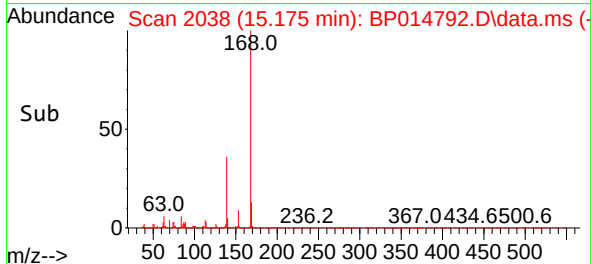
Instrument :
BNA_P
ClientSampleId :
DCBM8DL



Tgt Ion:168 Resp: 93598
Ion Ratio Lower Upper
168 100
139 36.2 29.8 44.8

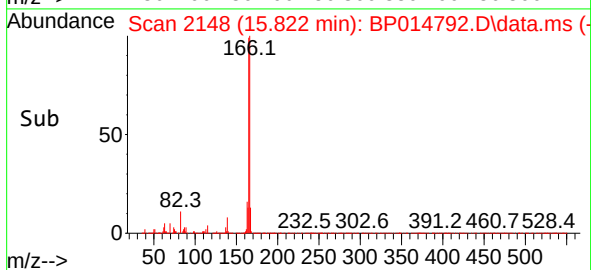
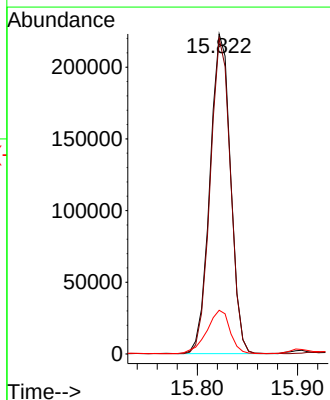
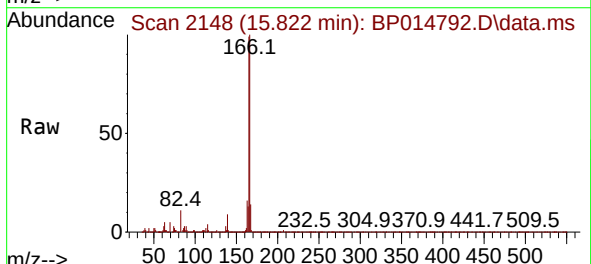
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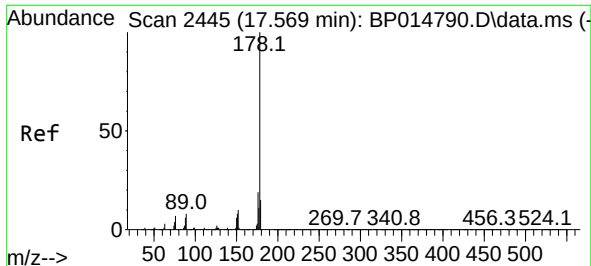
Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023



#61
Fluorene
Concen: 5.573 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

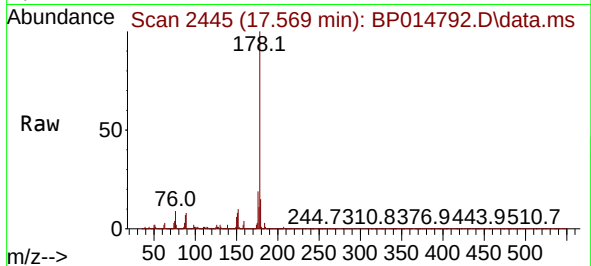
Tgt Ion:166 Resp: 319302
Ion Ratio Lower Upper
166 100
165 98.7 78.6 117.8
167 13.7 10.5 15.7





#72
Phenanthrene
Concen: 7.705 ng/ul
RT: 17.569 min Scan# 2445
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22

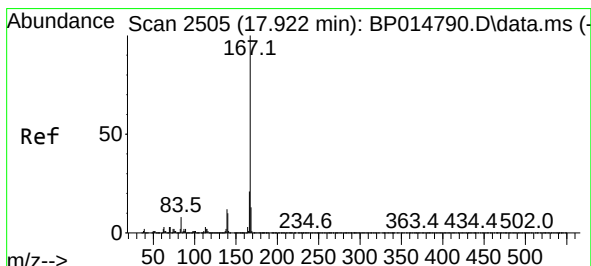
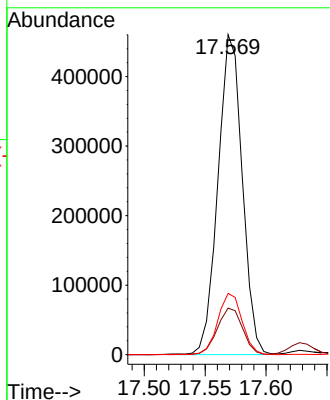
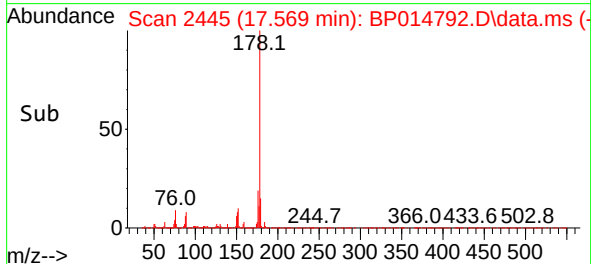
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BNA_P
ClientSampleId :
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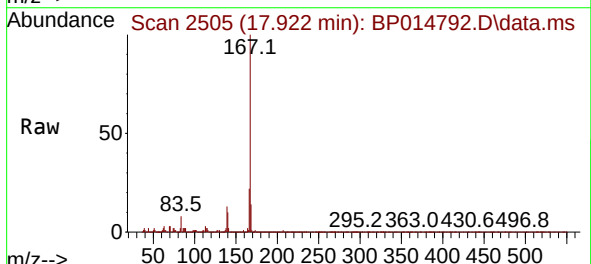
Tgt Ion:178 Resp: 638432
Ion Ratio Lower Upper
178 100
179 14.6 12.1 18.1
176 19.1 15.3 22.9

Manual Integrations
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Supervised By :Jagrut Upadhyay 04/24/2023



#77
Carbazole
Concen: 6.082 ng/ul
RT: 17.922 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BP014792.D
Acq: 21 Apr 2023 16:22



Tgt Ion:167 Resp: 448518
Ion Ratio Lower Upper
167 100
166 22.0 17.0 25.4
139 12.6 10.2 15.2

