

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014756.D
 Acq On : 20 Apr 2023 15:10
 Operator : CG/JU
 Sample : 02296-07DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBK8DL

Quant Time: Apr 20 22:39:51 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 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	250492	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	1059462	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	656922	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.533	188	1483881	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1429813	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1605060	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	3149	0.500	ng/uL	0.00
4) Pyridine-d5	3.952	84	8253m	0.481	ng/u1	0.04
7) Phenol-d5	7.287	99	10577	0.488	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	40992	3.068	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	32676	2.032	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	20714	1.227	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	19894	2.997	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	15764	2.629	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	37993	2.334	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	55682m	2.241	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	168156	3.233	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	170467	2.828	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.769	176	142740	3.198	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.628	188	232939	3.249	ng/u1	0.00
81) Pyrene-d10	19.845	212	261594	3.194	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	243323	2.925	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	11.046	128	19755308	332.711	ng/u1	96
36) 2-Methylnaphthalene	12.622	142	1125338	28.389	ng/u1	98
37) 1-Methylnaphthalene	12.845	142	2121368	53.982	ng/u1	99
43) 1,1'-Biphenyl	13.622	154	821236	15.417	ng/u1	98
52) Acenaphthene	14.845	153	2198169	49.347	ng/u1	99
56) Dibenzofuran	15.181	168	2640225	42.113	ng/u1	97
61) Fluorene	15.828	166	1080216	21.108	ng/u1	98
72) Phenanthrene	17.575	178	1634043	19.539	ng/u1	100
77) Carbazole	17.928	167	1668453	22.416	ng/u1	99

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

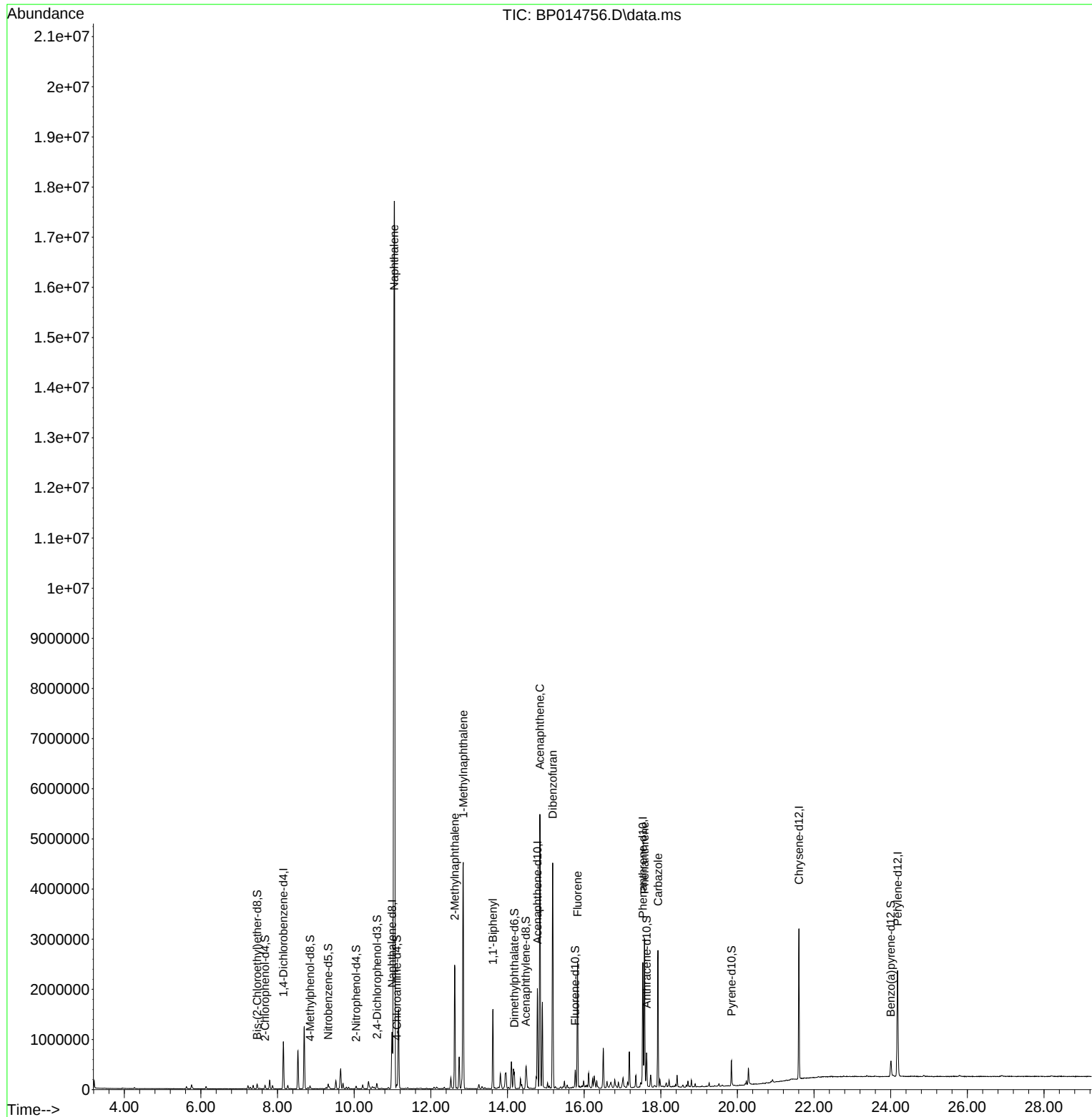
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
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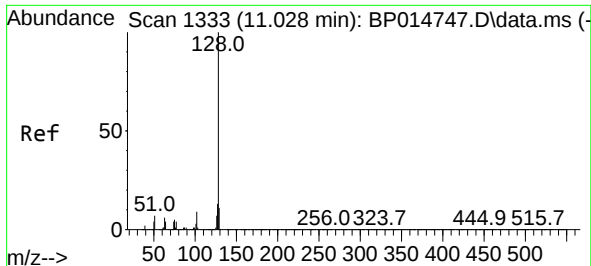
Instrument :
BNA_P
ClientSampleId :
DCBK8DL

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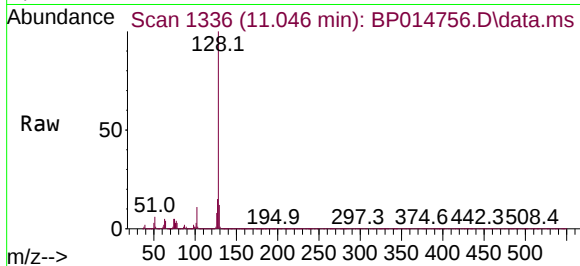
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023





#30
Naphthalene
Concen: 332.711 ng/ul
RT: 11.046 min Scan# 1333
Delta R.T. 0.012 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

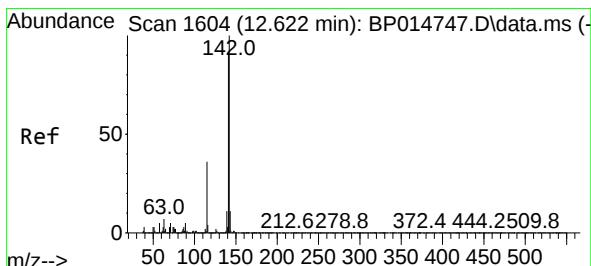
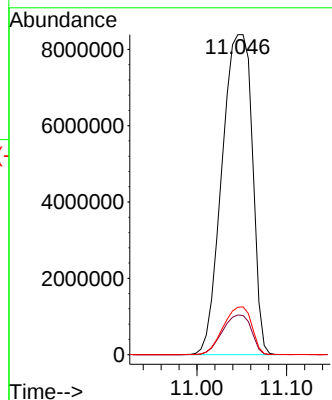
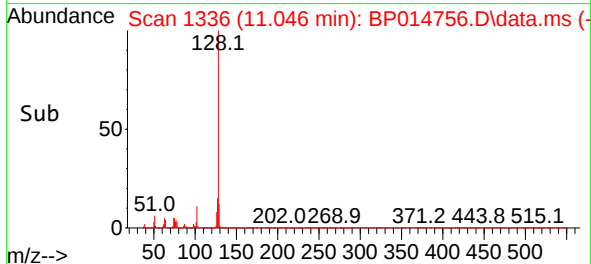
Instrument :
BNA_P
ClientSampleId :
DCBK8DL



Tgt Ion:128 Resp:19755308
Ion Ratio Lower Upper
128 100
129 12.4 8.9 13.3
127 14.8 10.4 15.6

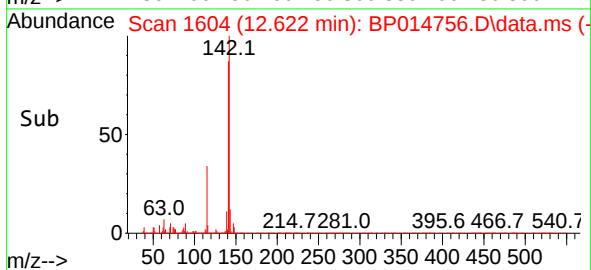
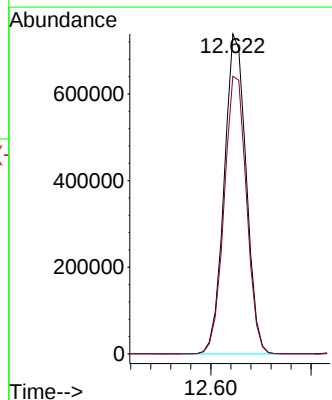
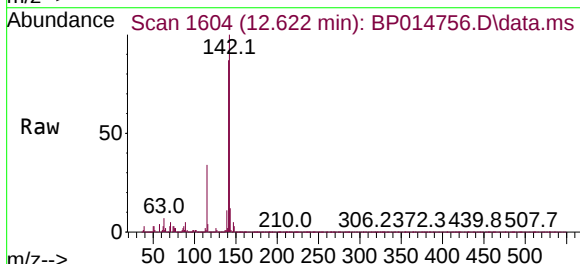
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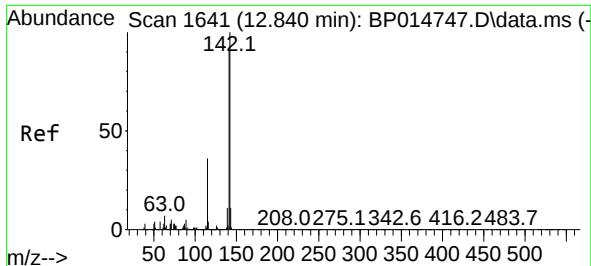
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#36
2-Methylnaphthalene
Concen: 28.389 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

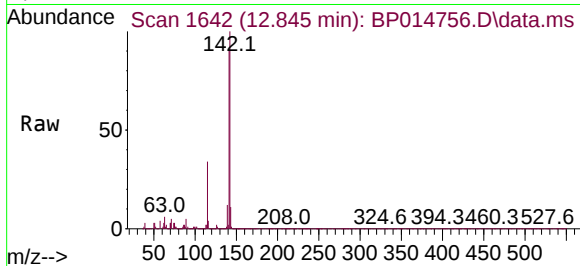
Tgt Ion:142 Resp: 1125338
Ion Ratio Lower Upper
142 100
141 86.7 70.9 106.3





#37
1-Methylnaphthalene
Concen: 53.982 ng/ul
RT: 12.845 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

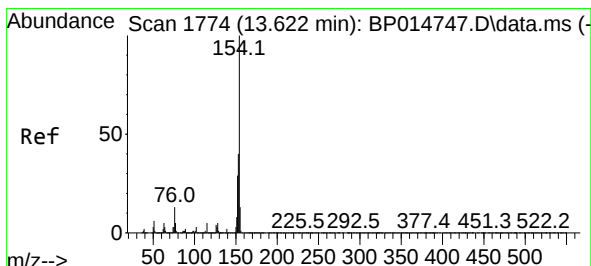
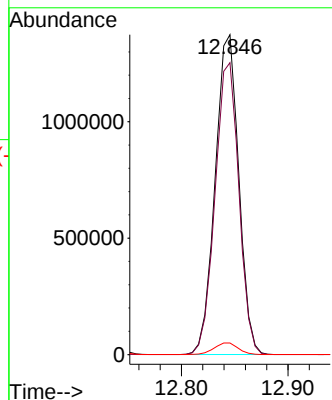
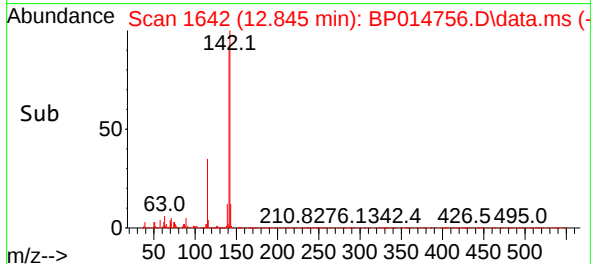
Instrument :
BNA_P
Client SampleId :
DCBK8DL



Tgt Ion:142 Resp: 2121368
Ion Ratio Lower Upper
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141 91.2 73.8 110.6
116 3.6 3.3 4.9

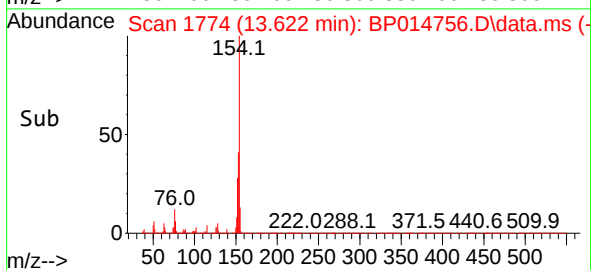
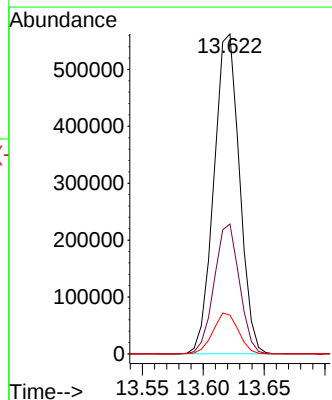
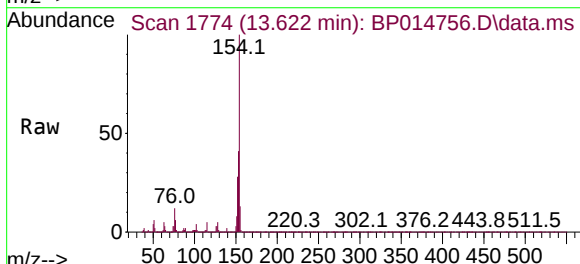
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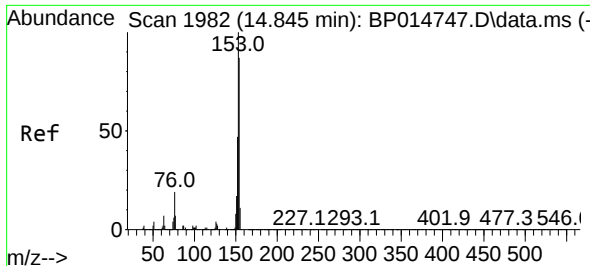
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#43
1,1'-Biphenyl
Concen: 15.417 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Tgt Ion:154 Resp: 821236
Ion Ratio Lower Upper
154 100
153 40.6 31.9 47.9
76 12.1 10.8 16.2





#52
Acenaphthene
Concen: 49.347 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

Instrument :

BNA_P

ClientSampleId :

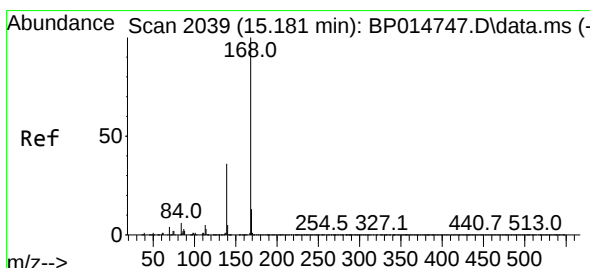
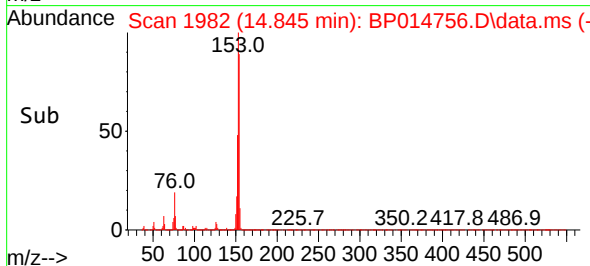
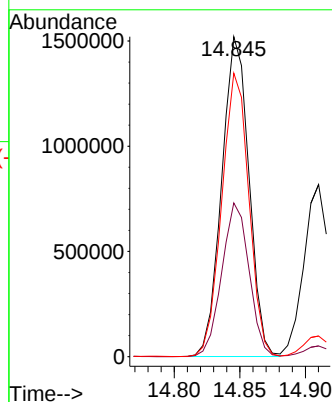
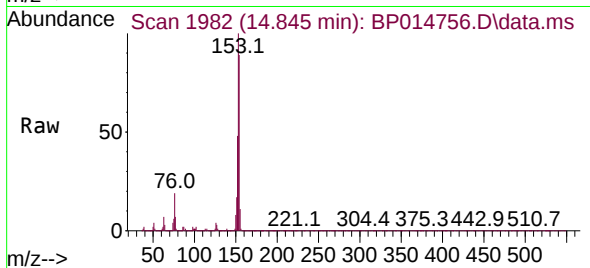
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Tgt Ion:153 Resp: 2198169
Ion Ratio Lower Upper
153 100
152 48.0 38.4 57.6
154 88.6 69.8 104.8

Manual Integrations

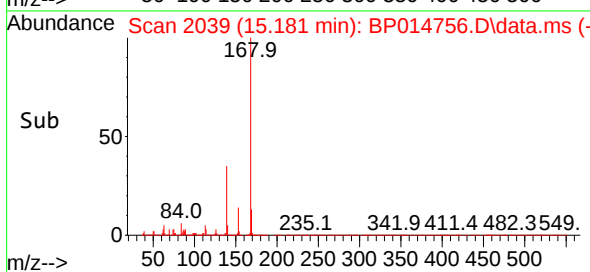
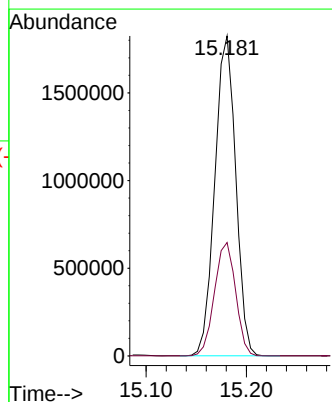
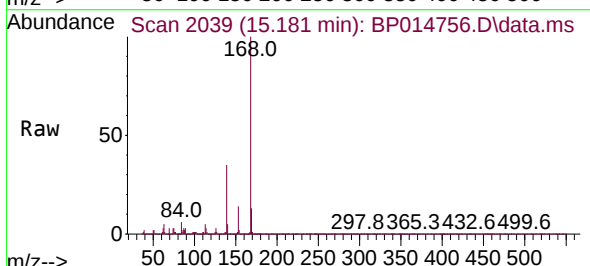
APPROVED

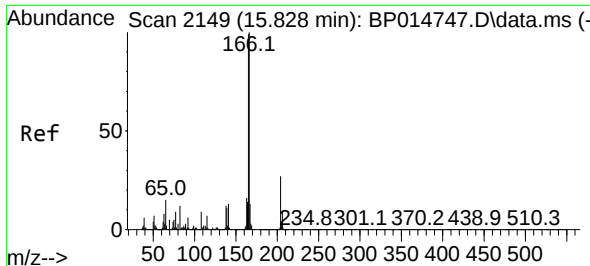
Reviewed By :Christian Giraldo 04/21/2023
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#56
Dibenzofuran
Concen: 42.113 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

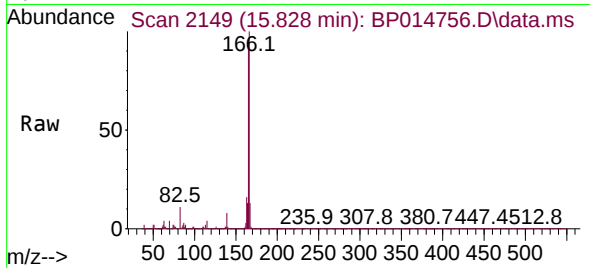
Tgt Ion:168 Resp: 2640225
Ion Ratio Lower Upper
168 100
139 35.4 29.8 44.8





#61
Fluorene
Concen: 21.108 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10

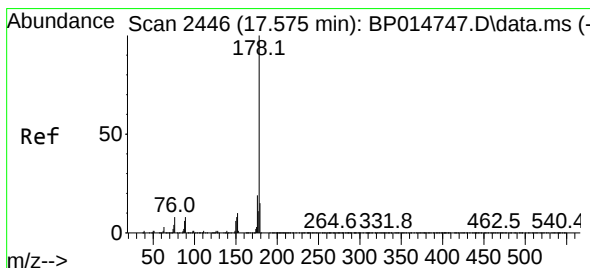
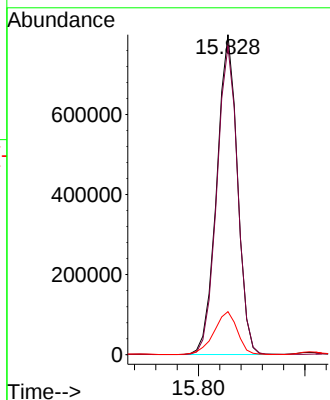
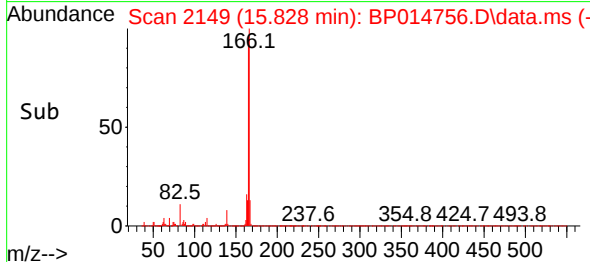
Instrument :
BNA_P
ClientSampleId :
DCBK8DL



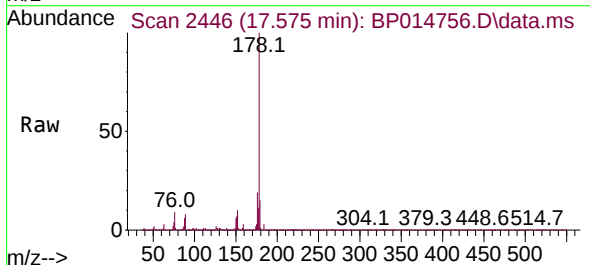
Tgt Ion:166 Resp: 1080216
Ion Ratio Lower Upper
166 100
165 96.4 78.6 117.8
167 13.4 10.5 15.7

Manual Integrations
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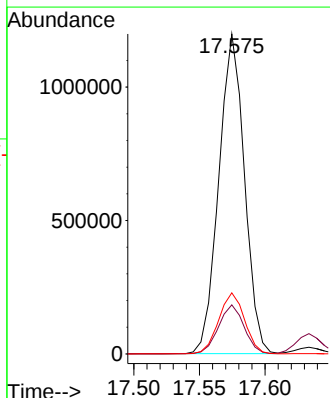
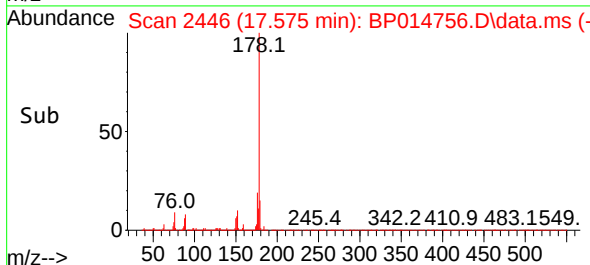
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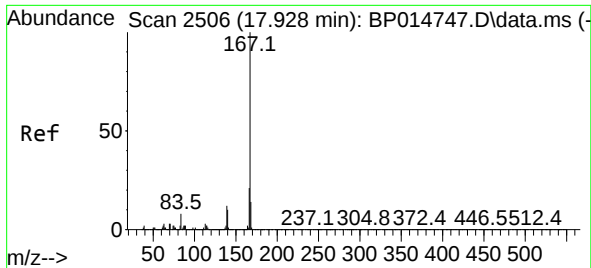


#72
Phenanthrene
Concen: 19.539 ng/ul
RT: 17.575 min Scan# 2446
Delta R.T. -0.000 min
Lab File: BP014756.D
Acq: 20 Apr 2023 15:10



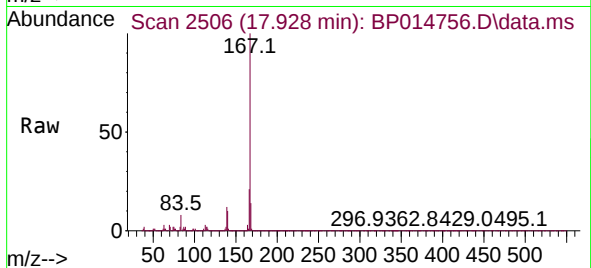
Tgt Ion:178 Resp: 1634043
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.1 15.3 22.9





#77
 Carbazole
 Concen: 22.416 ng/ul
 RT: 17.928 min Scan# 2506
 Delta R.T. -0.000 min
 Lab File: BP014756.D
 Acq: 20 Apr 2023 15:10

Instrument :
 BNA_P
 ClientSampleId :
 DCBK8DL



Tgt Ion:167 Resp: 1668453
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.4 10.2 15.2

Manual Integrations
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