

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042023\
 Data File : BP014758.D
 Acq On : 20 Apr 2023 16:17
 Operator : CG/JU
 Sample : 02296-09DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCBL2DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 22:40:21 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

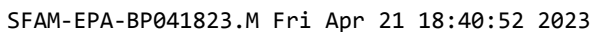
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

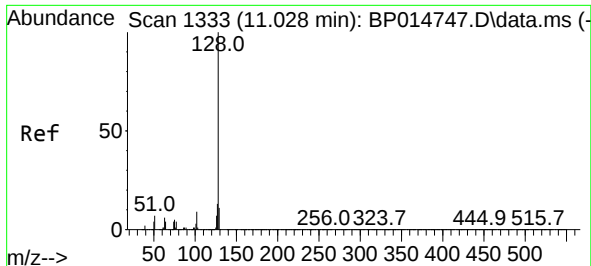
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	288059	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1193450	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.781	164	716826	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.533	188	1457204	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	1197820	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	1327921	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	2918	0.403	ng/uL	0.00
4) Pyridine-d5	3.940	84	13572m	0.688	ng/u1	0.02
7) Phenol-d5	7.287	99	12919	0.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	48628	3.165	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	37989	2.054	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	25024	1.289	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	22114	2.957	ng/u1	0.00
24) 2-Nitrophenol-d4	10.051	143	16725	2.476	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	42334	2.308	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	47878m	1.710	ng/u1	0.00
46) Dimethylphthalate-d6	14.181	166	180455	3.179	ng/u1	0.00
49) Acenaphthylene-d8	14.475	160	189231	2.877	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	2742	0.304	ng/u1	0.00
60) Fluorene-d10	15.769	176	151424	3.109	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	7742	1.313	ng/u1	0.00
73) Anthracene-d10	17.628	188	226780	3.221	ng/u1	0.00
81) Pyrene-d10	19.845	212	246577	3.594	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.004	264	206414	2.999	ng/u1	-0.01
Target Compounds					Qvalue	
30) Naphthalene	11.034	128	8622968	128.920	ng/u1	99
36) 2-Methylnaphthalene	12.622	142	1026029	22.978	ng/u1	99
37) 1-Methylnaphthalene	12.845	142	1759549	39.748	ng/u1	99
43) 1,1'-Biphenyl	13.622	154	946301	16.280	ng/u1	98
52) Acenaphthene	14.851	153	4455276	91.659	ng/u1	99
56) Dibenzofuran	15.181	168	3409396	49.837	ng/u1	97
61) Fluorene	15.828	166	1392452	24.935	ng/u1	100
72) Phenanthrene	17.575	178	2273693	27.685	ng/u1	99
77) Carbazole	17.922	167	412787	5.648	ng/u1	98
80) Fluoranthene	19.522	202	162098	2.030	ng/u1	99
82) Pyrene	19.869	202	86541	1.024	ng/u1	98

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

Manual Integrations

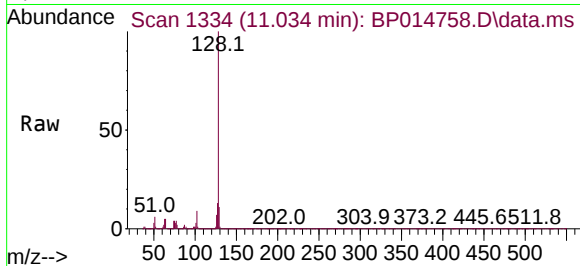
Quant Time: Apr 20 22:40:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 20 02:32:50 2023
Response via : Initial Calibration





#30
Naphthalene
Concen: 128.920 ng/ul
RT: 11.034 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

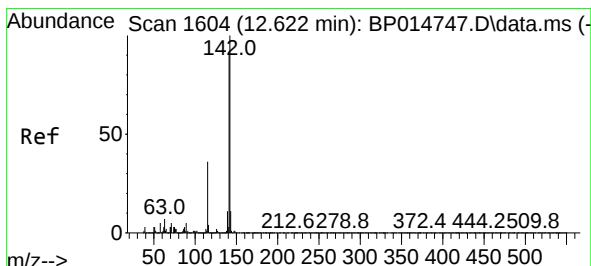
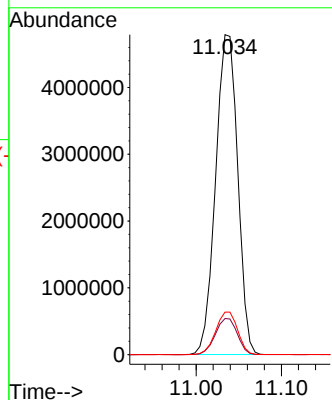
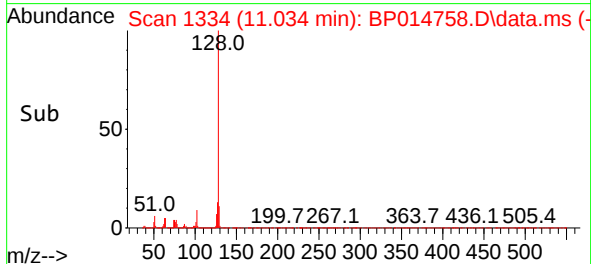
Instrument :
BNA_P
ClientSampleId :
DCBL2DL



Tgt Ion:128 Resp: 8622968
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.4 15.6

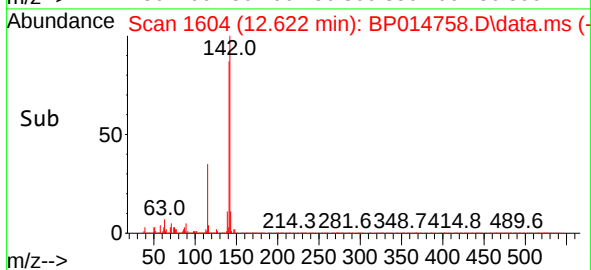
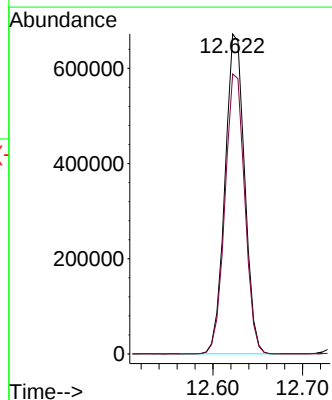
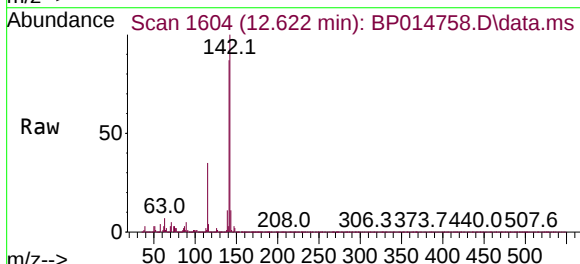
Manual Integrations
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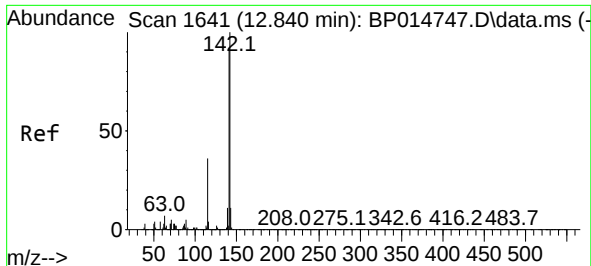
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#36
2-Methylnaphthalene
Concen: 22.978 ng/ul
RT: 12.622 min Scan# 1604
Delta R.T. -0.006 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

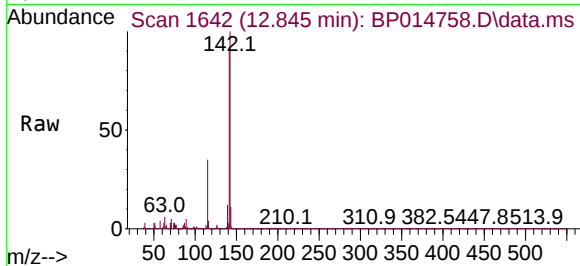
Tgt Ion:142 Resp: 1026029
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3





#37
1-Methylnaphthalene
Concen: 39.748 ng/ul
RT: 12.845 min Scan# 1641
Delta R.T. 0.006 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

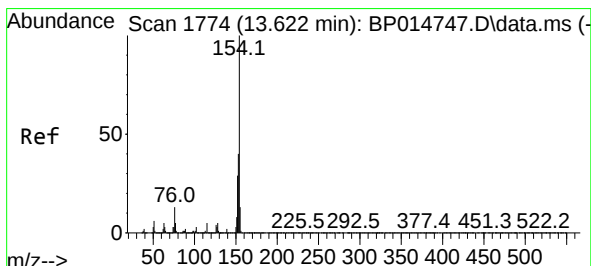
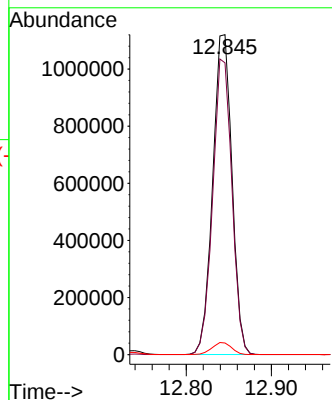
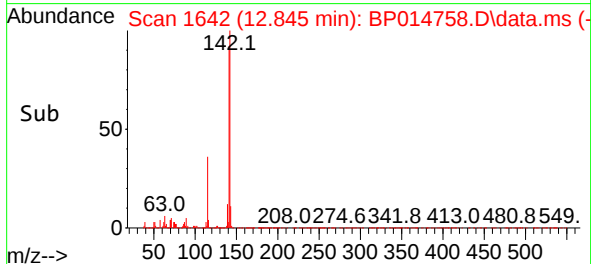
Instrument :
BNA_P
ClientSampleId :
DCBL2DL



Tgt Ion:142 Resp: 1759549
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6
116 3.6 3.3 4.9

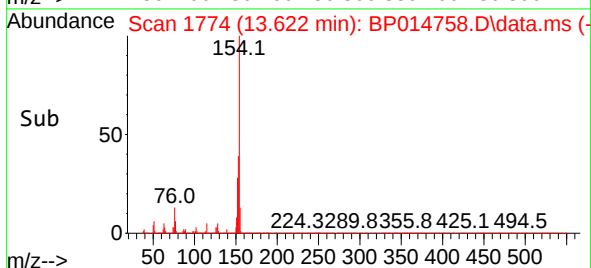
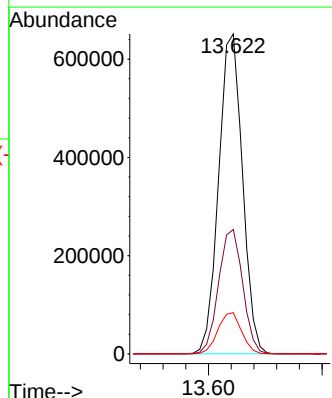
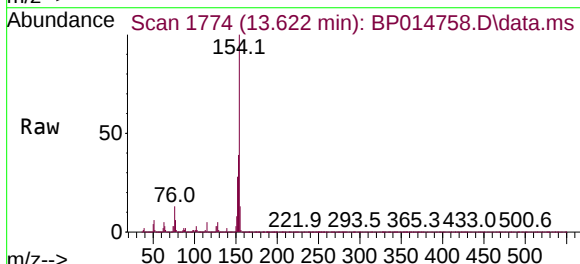
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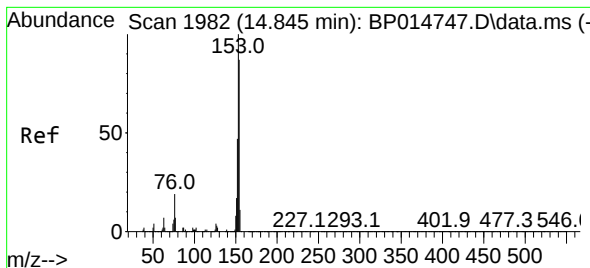
Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023



#43
1,1'-Biphenyl
Concen: 16.280 ng/ul
RT: 13.622 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BP014758.D
Acq: 20 Apr 2023 16:17

Tgt Ion:154 Resp: 946301
Ion Ratio Lower Upper
154 100
153 38.9 31.9 47.9
76 12.9 10.8 16.2





#52

Acenaphthene

Concen: 91.659 ng/ul

RT: 14.851 min Scan# 1982

Delta R.T. 0.006 min

Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_P

ClientSampleId :

DCBL2DL

Tgt Ion:153 Resp: 4455276

Ion Ratio Lower Upper

153 100

152 48.1 38.4 57.6

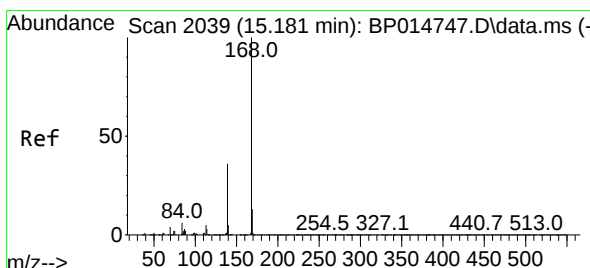
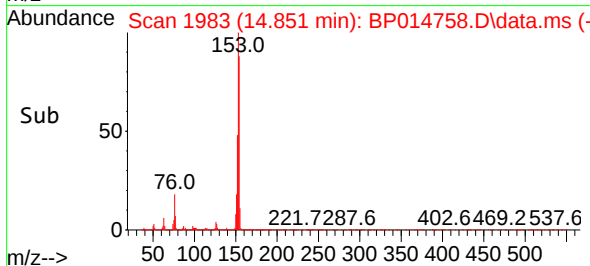
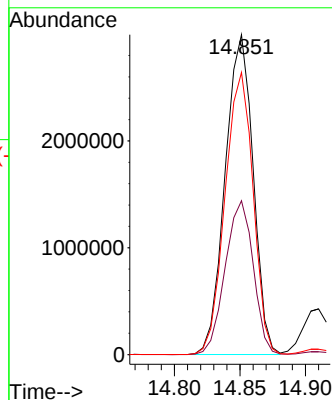
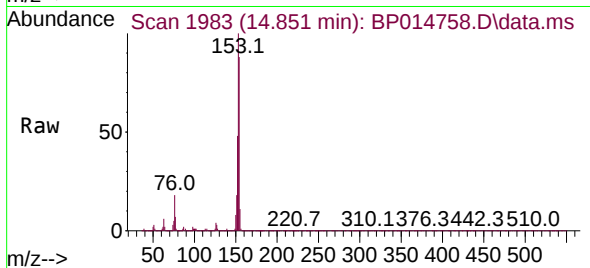
154 88.2 69.8 104.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#56

Dibenzofuran

Concen: 49.837 ng/ul

RT: 15.181 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BP014758.D

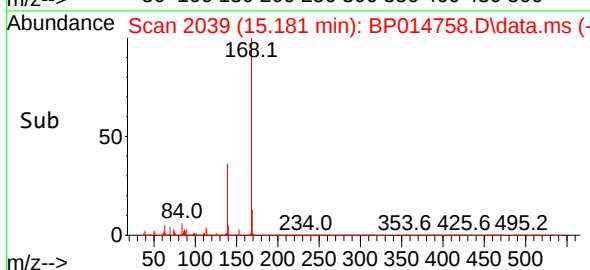
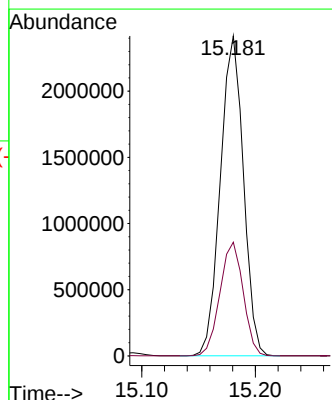
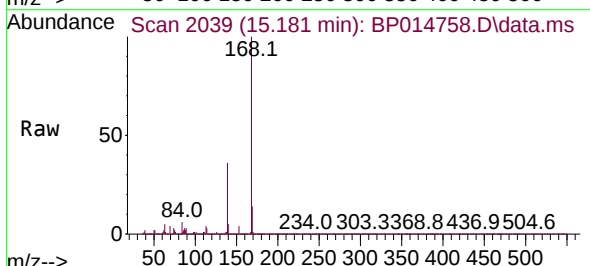
Acq: 20 Apr 2023 16:17

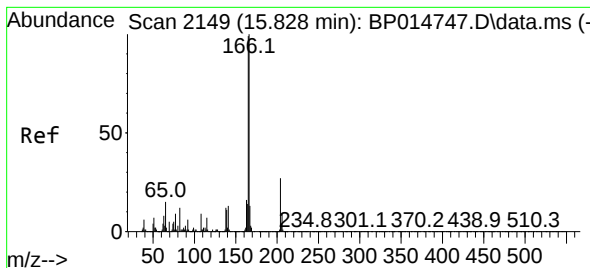
Tgt Ion:168 Resp: 3409396

Ion Ratio Lower Upper

168 100

139 35.5 29.8 44.8





#61

Fluorene

Concen: 24.935 ng/ul

RT: 15.828 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

Instrument :

BNA_P

ClientSampleId :

DCBL2DL

Tgt Ion:166 Resp: 1392452

Ion Ratio Lower Upper

166 100

165 97.8 78.6 117.8

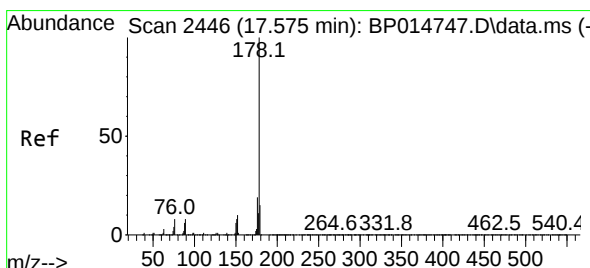
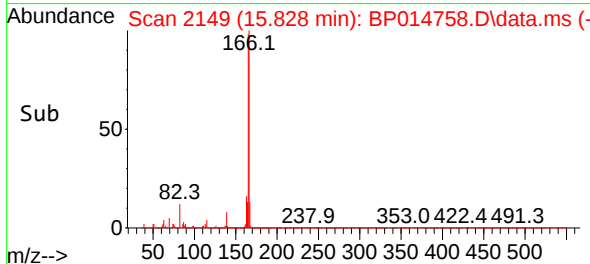
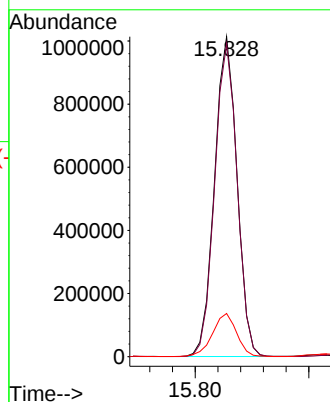
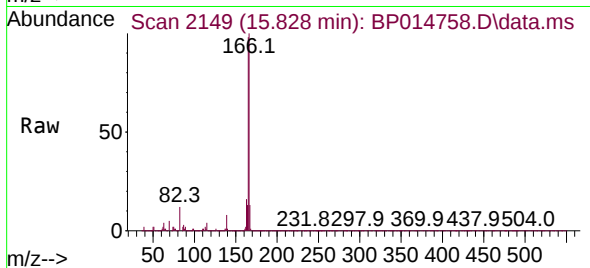
167 13.5 10.5 15.7

Manual Integrations

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Reviewed By :Christian Giraldo 04/21/2023

Supervised By :Jagrut Upadhyay 04/21/2023



#72

Phenanthrene

Concen: 27.685 ng/ul

RT: 17.575 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BP014758.D

Acq: 20 Apr 2023 16:17

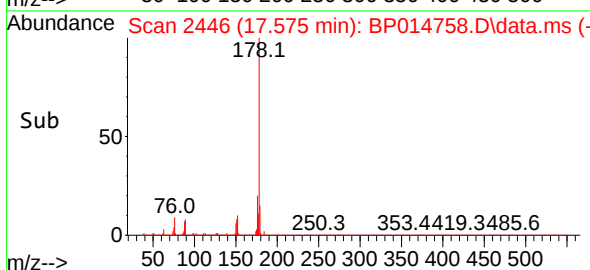
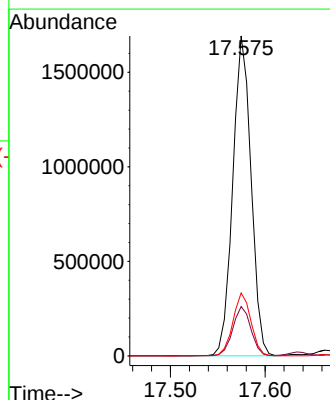
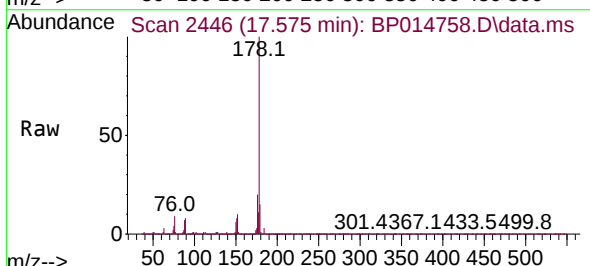
Tgt Ion:178 Resp: 2273693

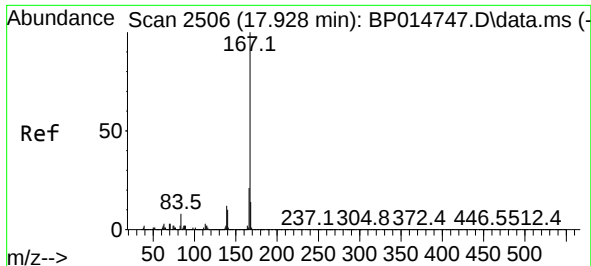
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

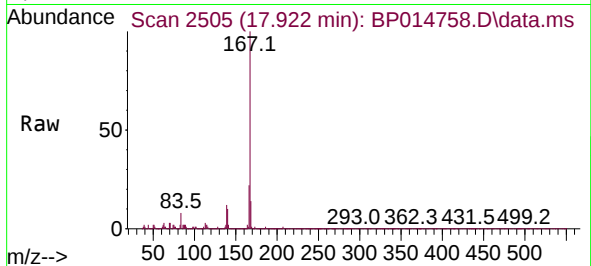
176 19.7 15.3 22.9





#77
 Carbazole
 Concen: 5.648 ng/ul
 RT: 17.922 min Scan# 2506
 Delta R.T. -0.006 min
 Lab File: BP014758.D
 Acq: 20 Apr 2023 16:17

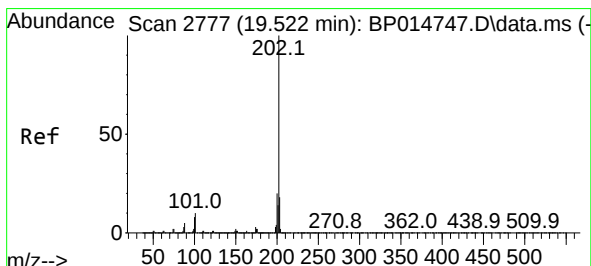
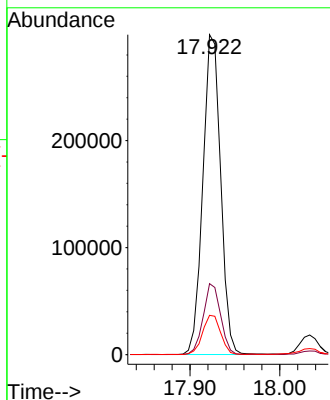
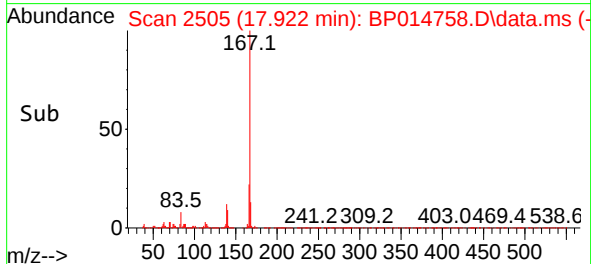
Instrument :
 BNA_P
 ClientSampleId :
 DCBL2DL



Tgt Ion:167 Resp: 41278
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.4
 139 12.3 10.2 15.2

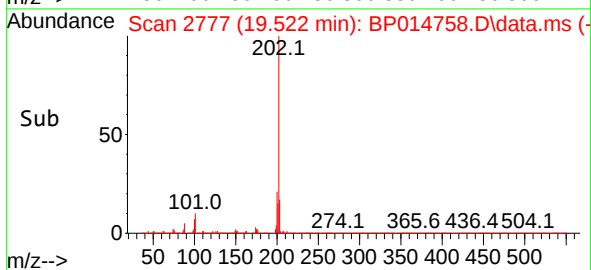
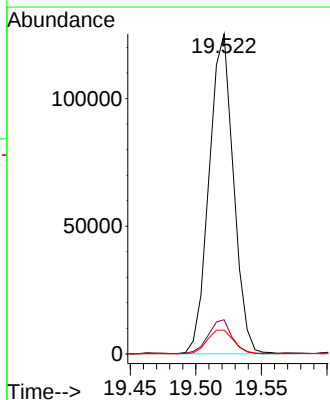
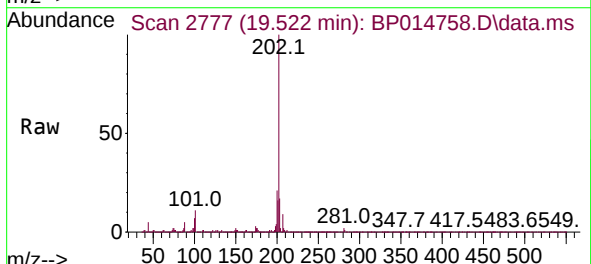
Manual Integrations
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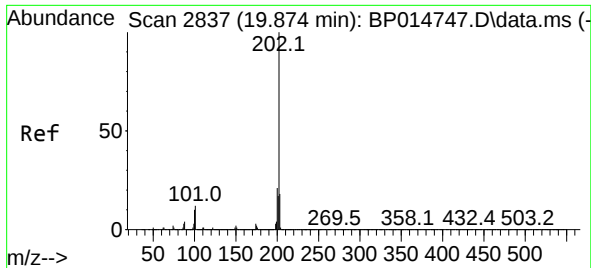
Reviewed By :Christian Giraldo 04/21/2023
 Supervised By :Jagrut Upadhyay 04/21/2023



#80
 Fluoranthene
 Concen: 2.030 ng/ul
 RT: 19.522 min Scan# 2777
 Delta R.T. -0.000 min
 Lab File: BP014758.D
 Acq: 20 Apr 2023 16:17

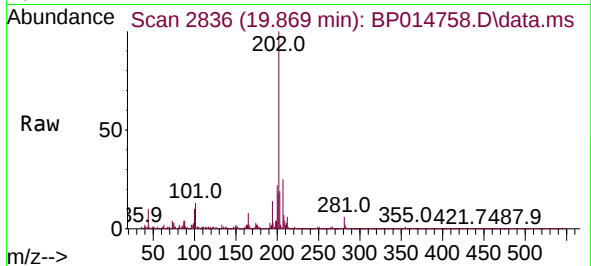
Tgt Ion:202 Resp: 162098
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.4 12.6
 100 7.4 6.4 9.6





#82
 Pyrene
 Concen: 1.024 ng/ul
 RT: 19.869 min Scan# 2836
 Delta R.T. -0.006 min
 Lab File: BP014758.D
 Acq: 20 Apr 2023 16:17

Instrument :
 BNA_P
 ClientSampleId :
 DCBL2DL



Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.4	14.0
100	9.9	8.0	12.0

Manual Integrations
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 Supervised By :Jagrut Upadhyay 04/21/2023

