

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014014.D
 Acq On : 09 Mar 2023 17:14
 Operator : CG/JU
 Sample : 01746-16DL2 25X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCAF5DL2

Quant Time: Mar 10 00:56:52 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	117585	20.000	ng/u1	0.00
20) Naphthalene-d8	10.905	136	492244	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	353727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	831050	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	896033	20.000	ng/u1	-0.01
88) Perylene-d12	24.086	264	878120	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	7.252	99	2097m	0.202	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.399	67	7398	1.222	ng/u1	0.00
11) 2-Chlorophenol-d4	7.611	132	6836	0.865	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	3895	0.460	ng/u1	0.00
21) Nitrobenzene-d5	9.258	128	5085	1.295	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	4921	1.047	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	7731	0.874	ng/u1	0.01
31) 4-Chloroaniline-d4	11.052	131	8519	0.728	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	42992	1.432	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	39099	1.229	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.710	176	35839	1.409	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	6806	1.084	ng/u1	0.00
73) Anthracene-d10	17.569	188	62402	1.547	ng/u1	0.00
81) Pyrene-d10	19.792	212	77612	1.570	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	68058	1.457	ng/u1	-0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.952	128	1165543	43.119	ng/u1	99
36) 2-Methylnaphthalene	12.552	142	69793	3.681	ng/u1	97
37) 1-Methylnaphthalene	12.769	142	47049	2.469	ng/u1	98
52) Acenaphthene	14.781	153	71043	3.045	ng/u1	95
56) Dibenzofuran	15.116	168	65838	1.940	ng/u1	94
61) Fluorene	15.763	166	32859	1.168	ng/u1	95
77) Carbazole	17.869	167	208230	5.137	ng/u1	99

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

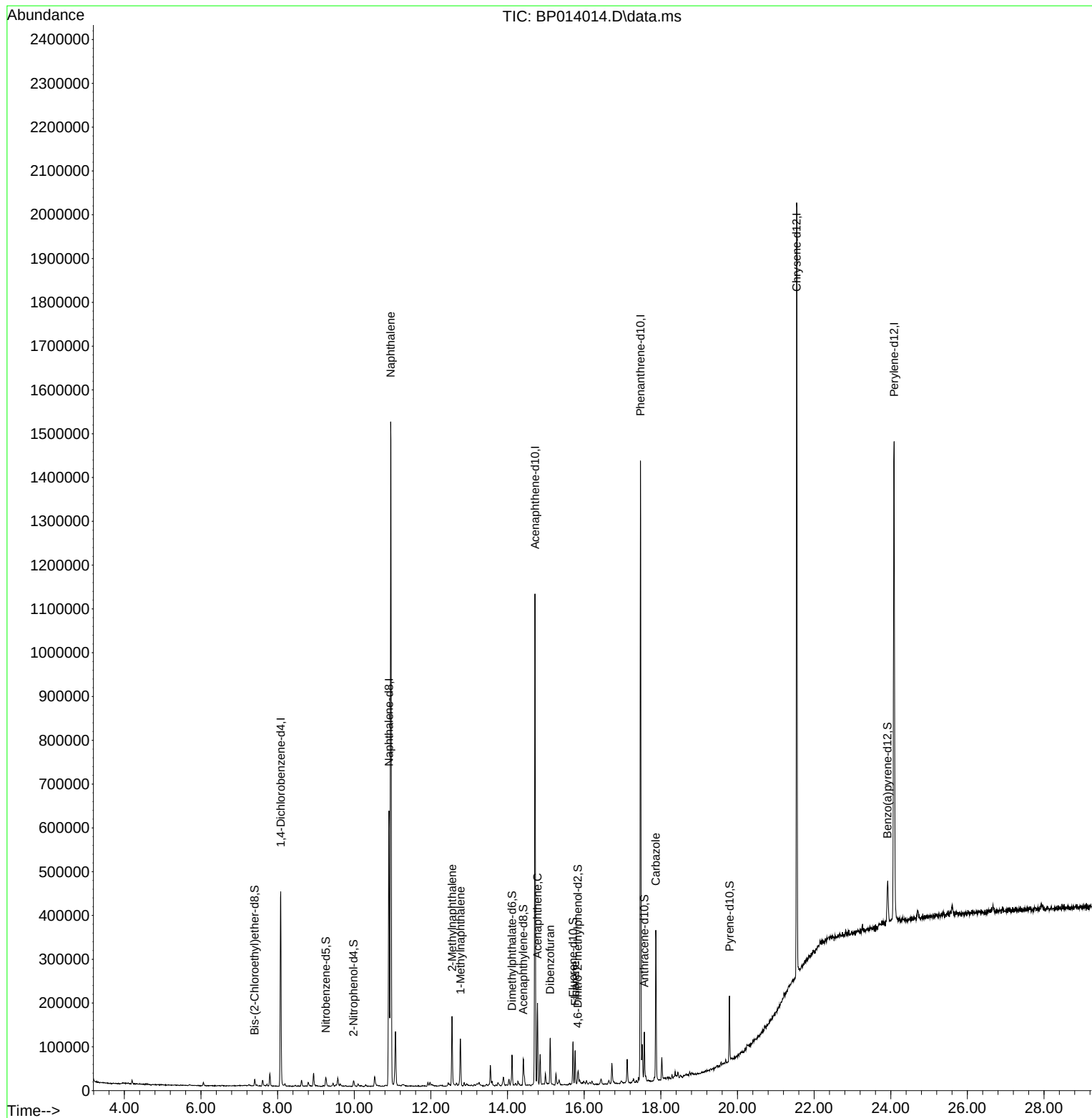
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
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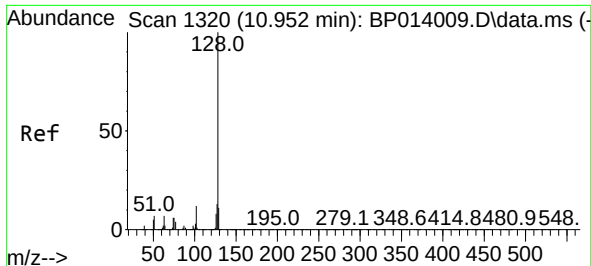
Instrument :
BNA_P
ClientSampleId :
DCAF5DL2

Quant Time: Mar 10 00:56:52 2023
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Quant Title : SVOA CALIBRATION
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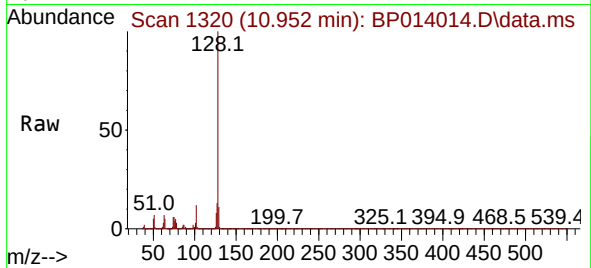
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023





#30
Naphthalene
Concen: 43.119 ng/ul
RT: 10.952 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014014.D
Acq: 09 Mar 2023 17:14

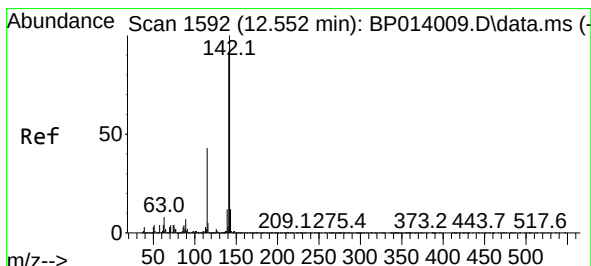
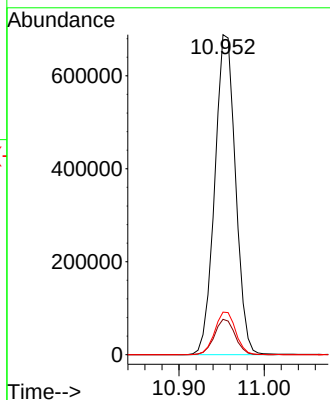
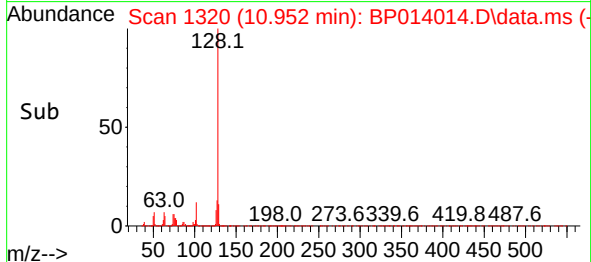
Instrument :
BNA_P
ClientSampleId :
DCAF5DL2



Tgt Ion:128 Resp: 116554
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.3 11.0 16.4

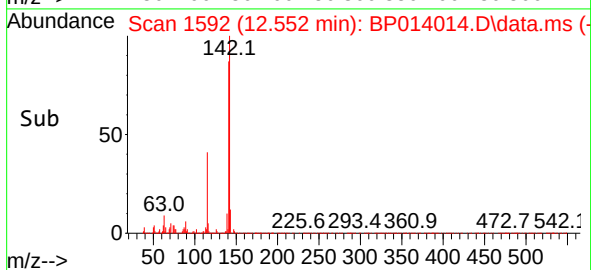
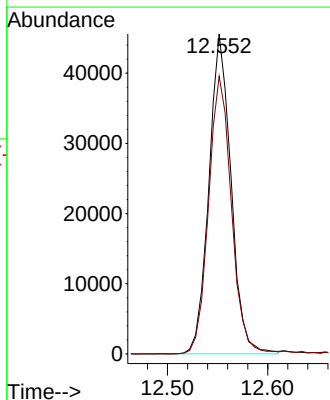
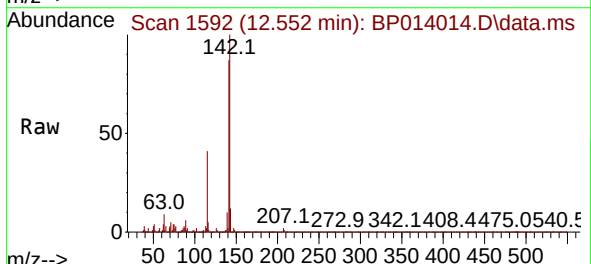
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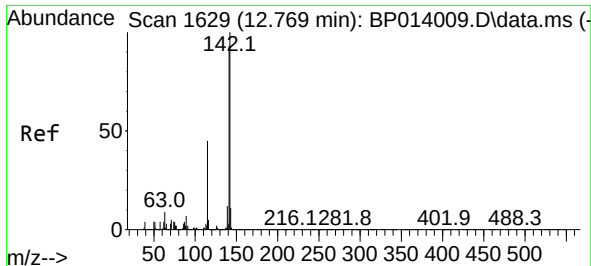
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#36
2-Methylnaphthalene
Concen: 3.681 ng/ul
RT: 12.552 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP014014.D
Acq: 09 Mar 2023 17:14

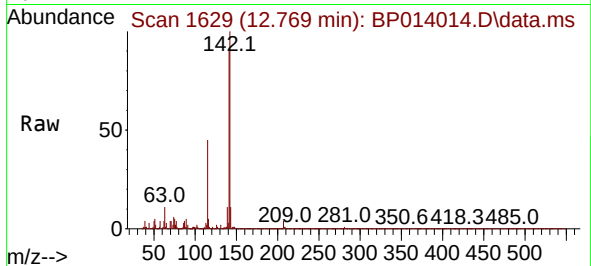
Tgt Ion:142 Resp: 69793
Ion Ratio Lower Upper
142 100
141 86.7 71.7 107.5





#37
1-Methylnaphthalene
Concen: 2.469 ng/ul
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BP014014.D
Acq: 09 Mar 2023 17:14

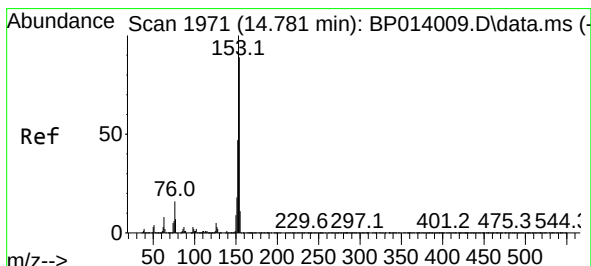
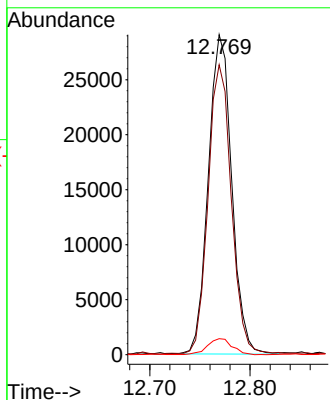
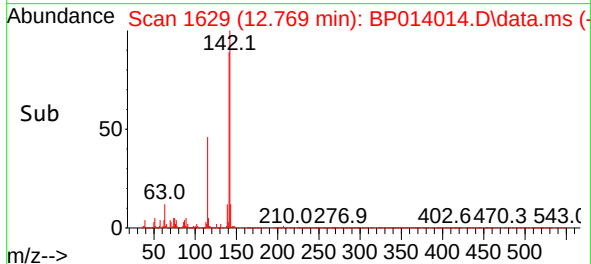
Instrument :
BNA_P
ClientSampleId :
DCAF5DL2



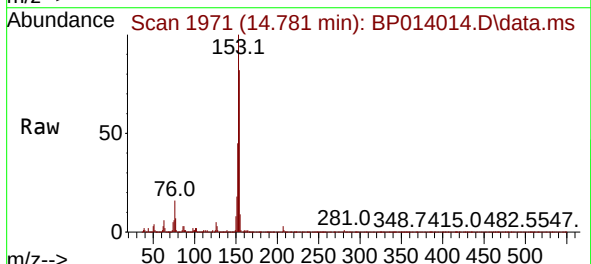
Tgt Ion:142 Resp: 47049
Ion Ratio Lower Upper
142 100
141 90.6 73.8 110.6
116 5.0 3.7 5.5

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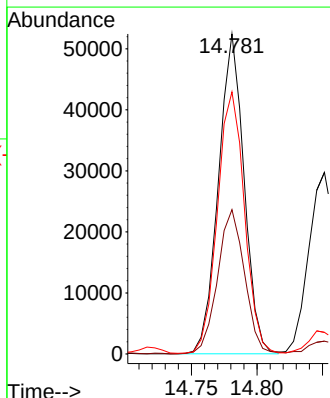
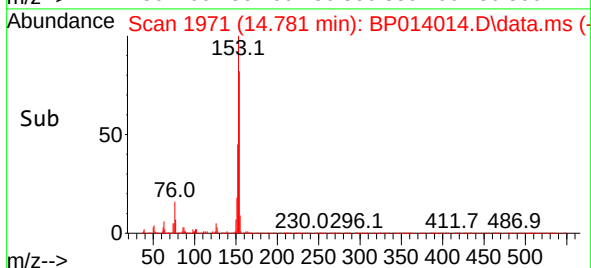
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023

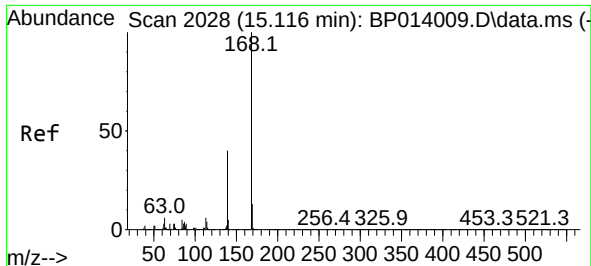


#52
Acenaphthene
Concen: 3.045 ng/ul
RT: 14.781 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP014014.D
Acq: 09 Mar 2023 17:14



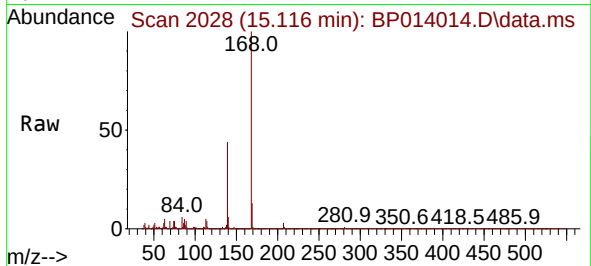
Tgt Ion:153 Resp: 71043
Ion Ratio Lower Upper
153 100
152 45.1 37.7 56.5
154 81.9 70.4 105.6





#56
Dibenzenofuran
Concen: 1.940 ng/ul
RT: 15.116 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP014014.D
Acq: 09 Mar 2023 17:14

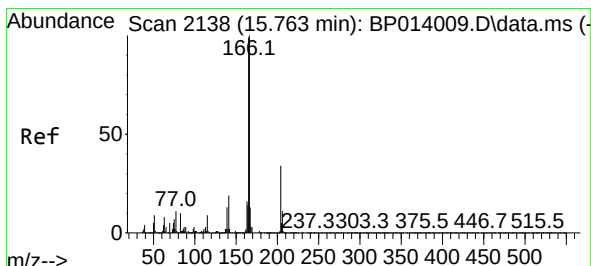
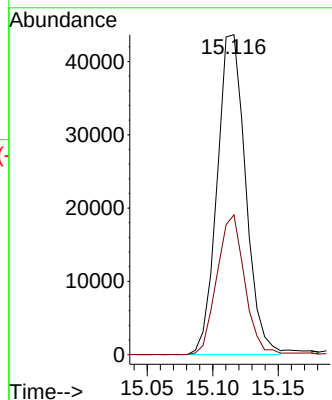
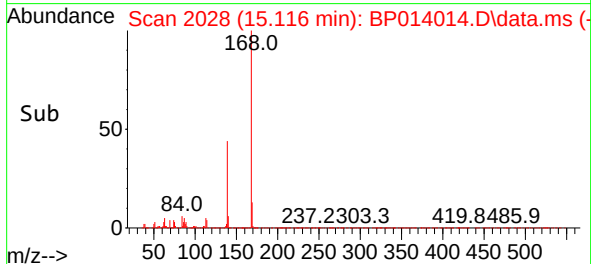
Instrument :
BNA_P
ClientSampleId :
DCAF5DL2



Tgt Ion:168 Resp: 65838
Ion Ratio Lower Upper
168 100
139 43.7 31.8 47.6

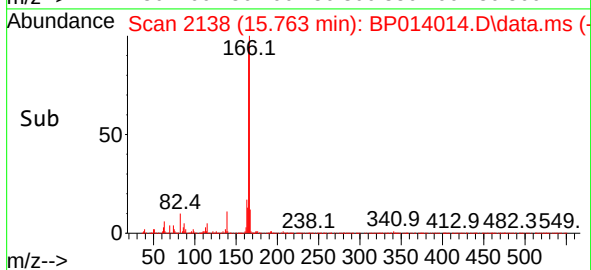
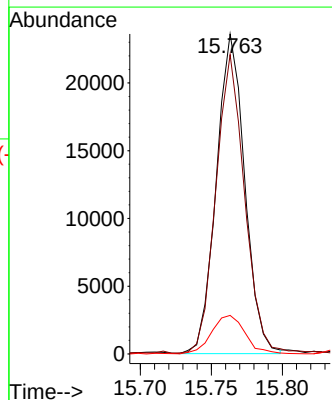
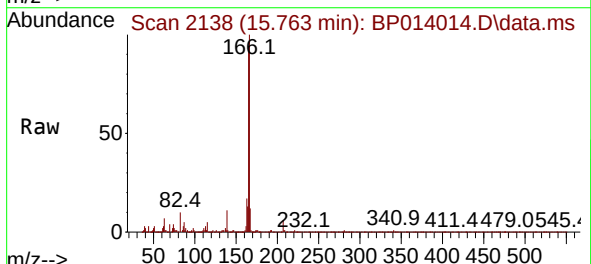
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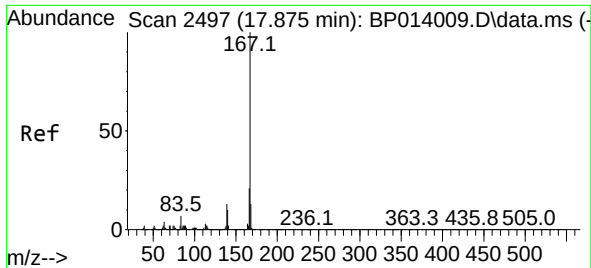
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#61
Fluorene
Concen: 1.168 ng/ul
RT: 15.763 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP014014.D
Acq: 09 Mar 2023 17:14

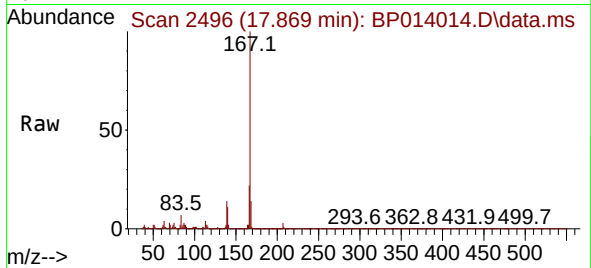
Tgt Ion:166 Resp: 32859
Ion Ratio Lower Upper
166 100
165 93.5 78.9 118.3
167 12.0 11.0 16.6





#77
 Carbazole
 Concen: 5.137 ng/ul
 RT: 17.869 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BP014014.D
 Acq: 09 Mar 2023 17:14

Instrument :
 BNA_P
 ClientSampleId :
 DCAF5DL2



Tgt Ion:167 Resp: 208230
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.5 26.3
 139 14.3 10.5 15.7

Manual Integrations
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