

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
 Data File : BM048606.D
 Acq On : 12 Nov 2024 05:33
 Operator : RC/JU
 Sample : P4714-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/13/2024
 Supervised By :mohammad ahmed 11/13/2024

Quant Time: Nov 12 06:08:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 07 22:50:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	168772	20.000	ng/u1	0.00
20) Naphthalene-d8	10.445	136	704276	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	437469	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.051	188	907503	20.000	ng/u1	0.00
79) Chrysene-d12	21.274	240	881781	20.000	ng/u1	-0.01
88) Perylene-d12	24.186	264	1022984	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	19946	4.711	ng/uL	0.00
4) Pyridine-d5	3.552	84	75351	6.458	ng/u1	0.00
7) Phenol-d5	6.840	99	193278	15.044	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	257304	33.343	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.193	132	356642	33.511	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	271600	26.886	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	179663	35.197	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	195084	35.931	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	352874	34.985	ng/u1	0.00
31) 4-Chloroaniline-d4	10.592	131	120357m	8.401	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1065249	38.146	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1128263	34.268	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	68804m	13.265	ng/u1	0.01
60) Fluorene-d10	15.304	176	901623	36.987	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.433	200	167980	36.795	ng/u1	0.00
73) Anthracene-d10	17.151	188	1526047	39.738	ng/u1	0.00
81) Pyrene-d10	19.445	212	1825049	41.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1938381	40.554	ng/u1	0.00
Target Compounds					Qvalue	
26) 2,4-Dimethylphenol	9.634	107	317613m	28.738	ng/u1	
30) Naphthalene	10.498	128	4877755	136.836	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	170029	7.455	ng/u1	96
37) 1-Methylnaphthalene	12.334	142	411545	17.582	ng/u1	99
52) Acenaphthene	14.369	153	285123	11.159	ng/u1	100
56) Dibenzofuran	14.710	168	113879	3.231	ng/u1	96
61) Fluorene	15.357	166	94417	3.383	ng/u1	98
77) Carbazole	17.463	167	58185	1.430	ng/u1	98

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

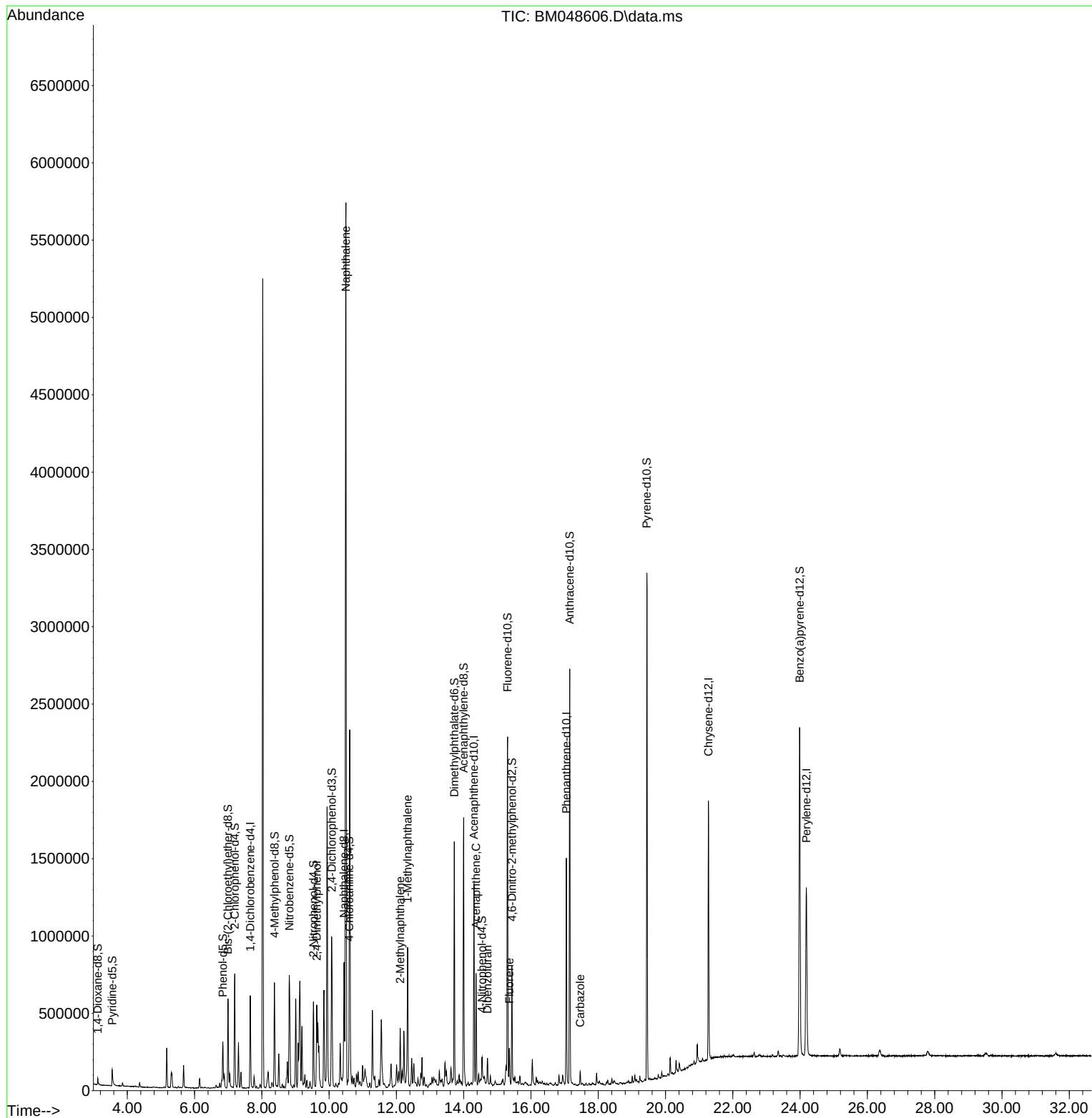
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111124\
Data File : BM048606.D
Acq On : 12 Nov 2024 05:33
Operator : RC/JU
Sample : P4714-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

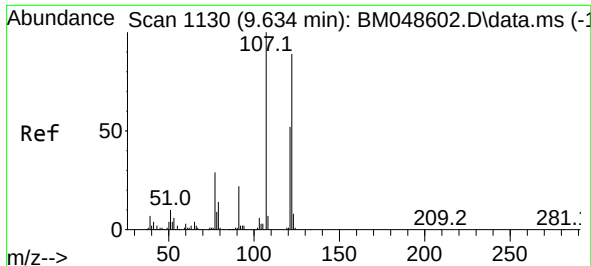
Instrument :
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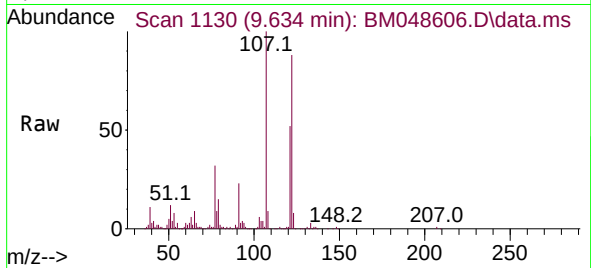
Quant Time: Nov 12 06:08:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration





#26
2,4-Dimethylphenol
Concen: 28.738 ng/ul m
RT: 9.634 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33

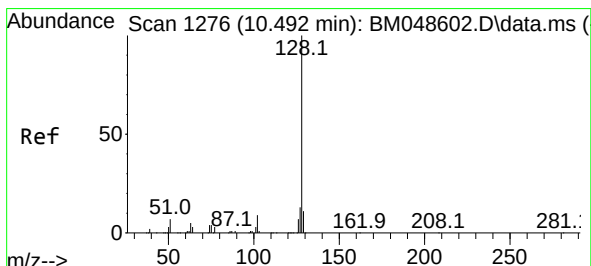
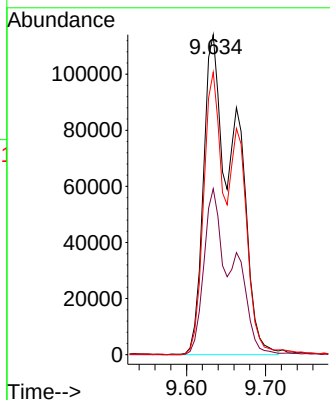
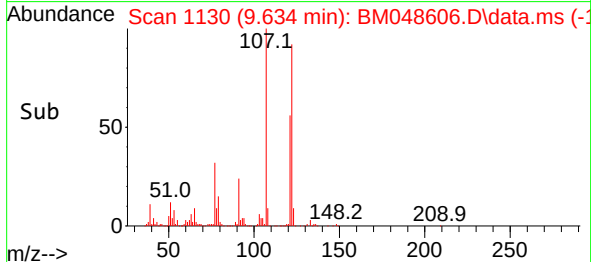
Instrument :
BNA_M
ClientSampleId :
C0AF5



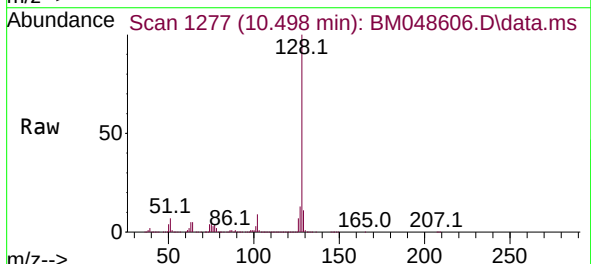
Tgt Ion:107 Resp: 31761
Ion Ratio Lower Upper
107 100
121 51.8 42.9 64.3
122 88.2 69.8 104.8

Manual Integrations
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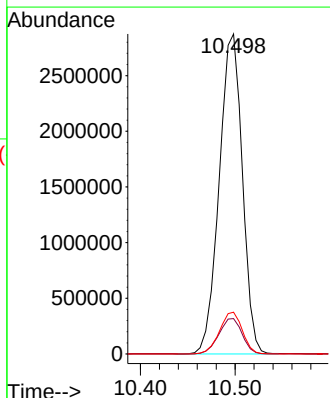
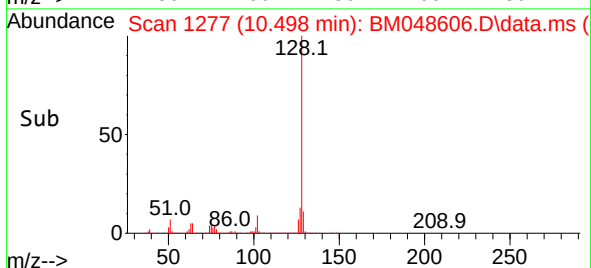
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024

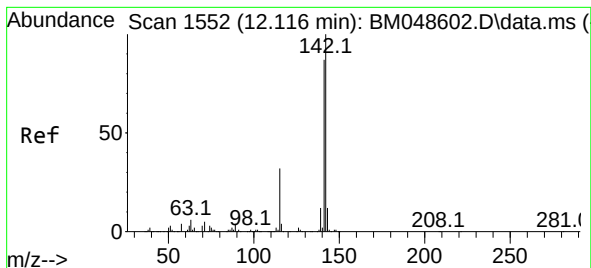


#30
Naphthalene
Concen: 136.836 ng/ul
RT: 10.498 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33



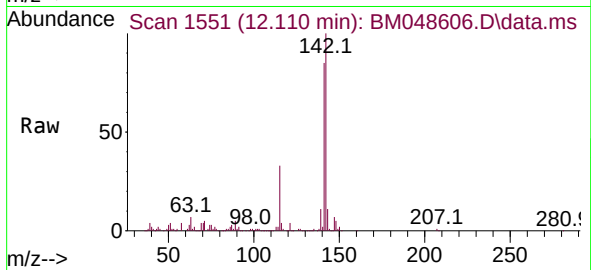
Tgt Ion:128 Resp: 4877755
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.1 10.0 15.0





#36
2-Methylnaphthalene
Concen: 7.455 ng/ul
RT: 12.110 min Scan# 1551
Delta R.T. -0.011 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33

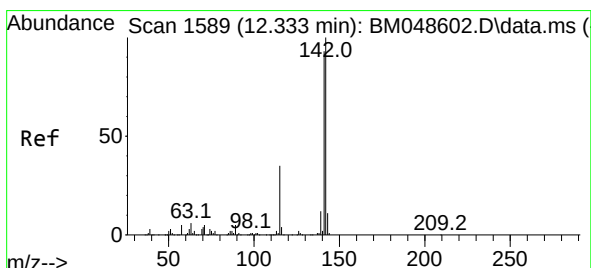
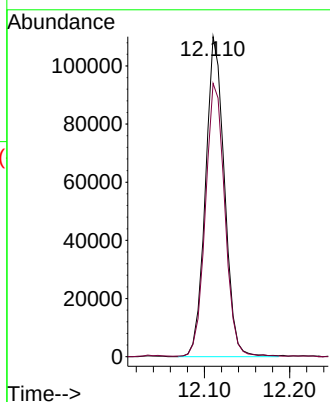
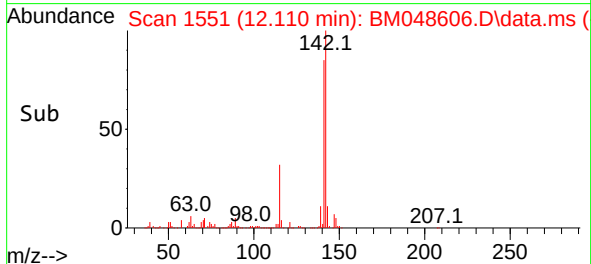
Instrument :
BNA_M
ClientSampleId :
C0AF5



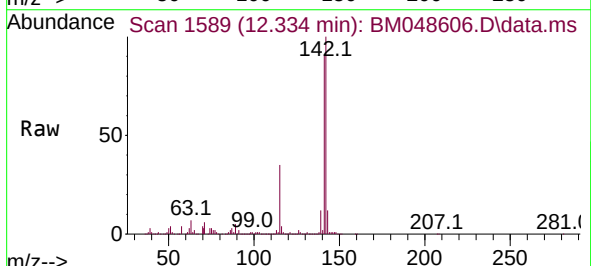
Tgt Ion:142 Resp: 170029
Ion Ratio Lower Upper
142 100
141 85.4 71.6 107.4

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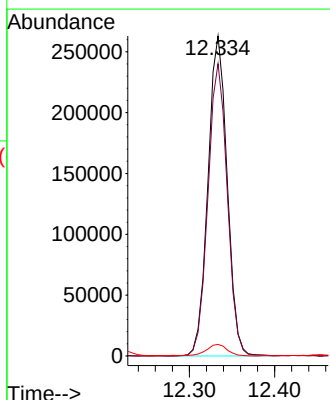
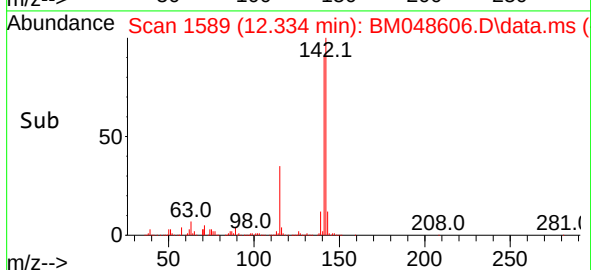
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024

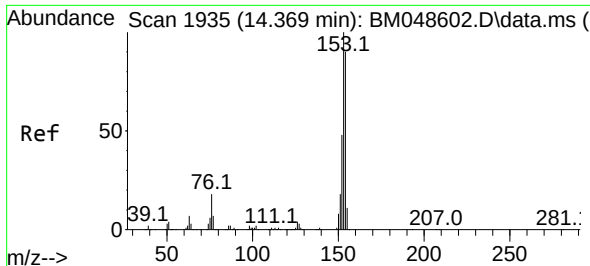


#37
1-Methylnaphthalene
Concen: 17.582 ng/ul
RT: 12.334 min Scan# 1589
Delta R.T. -0.011 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33



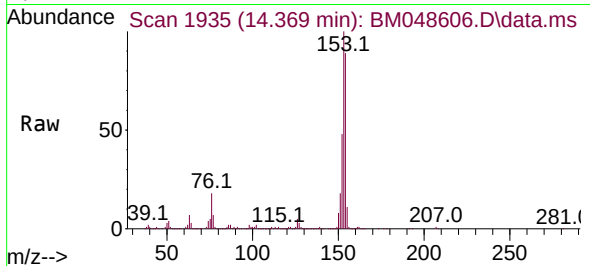
Tgt Ion:142 Resp: 411545
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4
116 3.6 2.7 4.1





#52
Acenaphthene
Concen: 11.159 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33

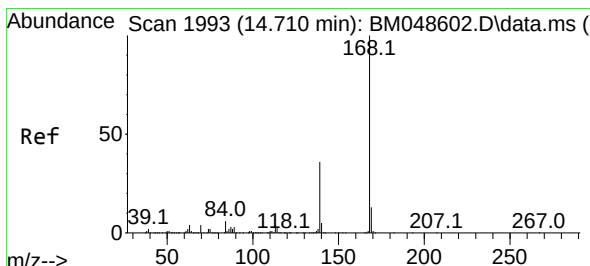
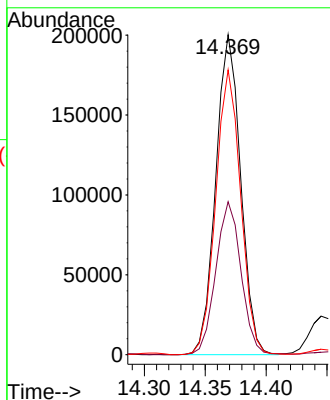
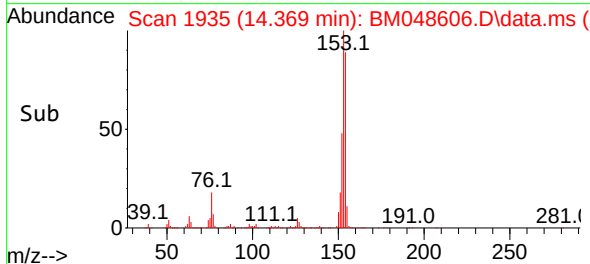
Instrument :
BNA_M
ClientSampleId :
C0AF5



Tgt Ion:153 Resp: 28512
Ion Ratio Lower Upper
153 100
152 47.8 38.3 57.5
154 89.0 71.1 106.7

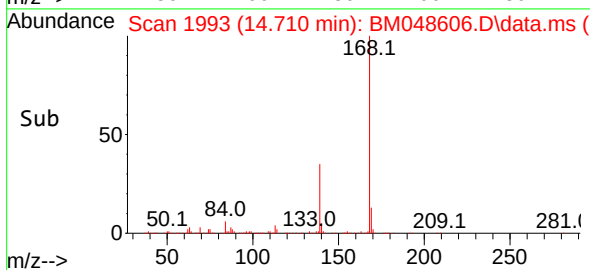
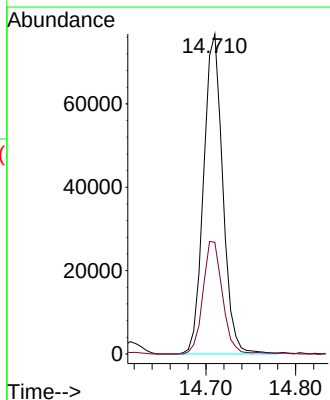
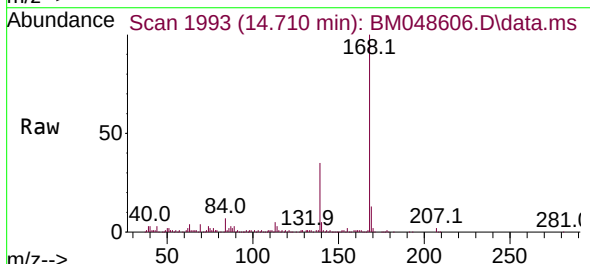
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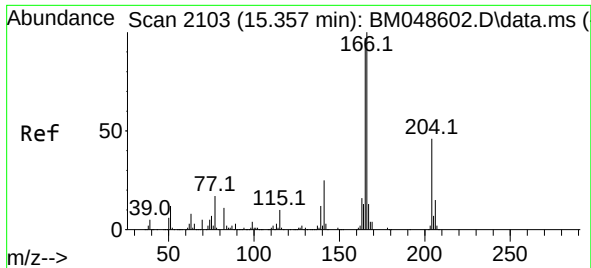
Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/13/2024



#56
Dibenzofuran
Concen: 3.231 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33

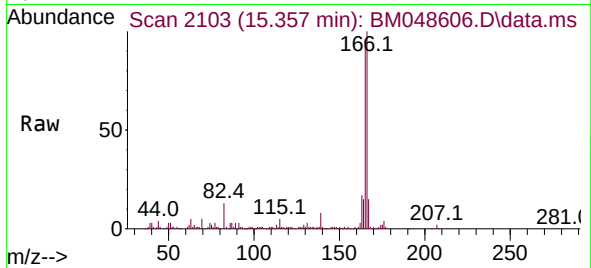
Tgt Ion:168 Resp: 113879
Ion Ratio Lower Upper
168 100
139 34.9 29.7 44.5





#61
Fluorene
Concen: 3.383 ng/ul
RT: 15.357 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33

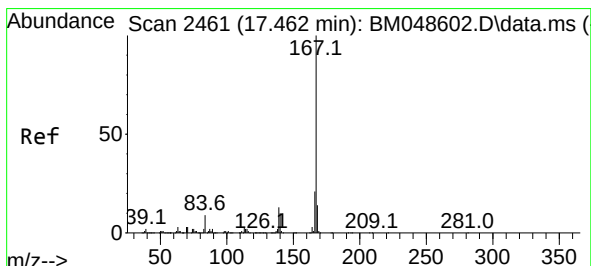
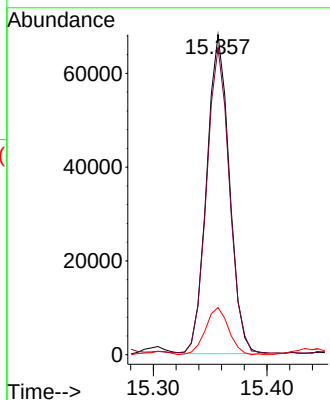
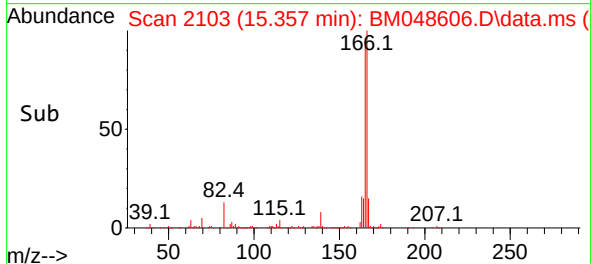
Instrument :
BNA_M
ClientSampleId :
C0AF5



Tgt Ion:166 Resp: 9441
Ion Ratio Lower Upper
166 100
165 96.0 78.7 118.1
167 14.8 11.0 16.6

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#77
Carbazole
Concen: 1.430 ng/ul
RT: 17.463 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BM048606.D
Acq: 12 Nov 2024 05:33

Tgt Ion:167 Resp: 58185
Ion Ratio Lower Upper
167 100
166 21.8 16.4 24.6
139 12.6 10.3 15.5

