

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048123.D
 Acq On : 18 Oct 2024 02:18
 Operator : RC/JU
 Sample : P4380-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 18 03:10:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	251844	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	982120	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	592508	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1154039	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1060155	20.000	ng/u1	0.00
88) Perylene-d12	24.356	264	1204813	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	39099	5.895	ng/uL	0.00
4) Pyridine-d5	3.652	84	446375	25.013	ng/u1	0.00
7) Phenol-d5	6.951	99	124440	6.100	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	508718	41.981	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	75067	4.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	330734	20.830	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	346414	41.798	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	32074	3.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	56076	3.472	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	921648	43.596	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1795553	41.724	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	2186652	42.735	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	533	0.067	ng/u1	0.00
60) Fluorene-d10	15.398	176	1617555	44.027	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	467	0.063	ng/u1	0.00
73) Anthracene-d10	17.245	188	2518802	46.021	ng/u1	0.00
81) Pyrene-d10	19.533	212	2893803	44.670	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.156	264	2929166	45.519	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.975	94	75359	3.591	ng/u1	98
16) Acetophenone	8.592	105	26383	1.084	ng/u1#	97
18) 4-Methylphenol	8.551	108	56210	3.291	ng/u1	92
26) 2,4-Dimethylphenol	9.775	107	74645m	4.382	ng/u1	
30) Naphthalene	10.610	128	475152	8.752	ng/u1	98
36) 2-Methylnaphthalene	12.222	142	101845	2.882	ng/u1	94
37) 1-Methylnaphthalene	12.445	142	132343	3.719	ng/u1#	99
52) Acenaphthene	14.469	153	172392	4.501	ng/u1	99
56) Dibenzofuran	14.804	168	83741	1.598	ng/u1	99
61) Fluorene	15.457	166	79219	1.934	ng/u1	100
72) Phenanthrene	17.186	178	372231	5.896	ng/u1	99
77) Carbazole	17.551	167	100250	1.787	ng/u1	99
80) Fluoranthene	19.204	202	95238	1.264	ng/u1	99

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

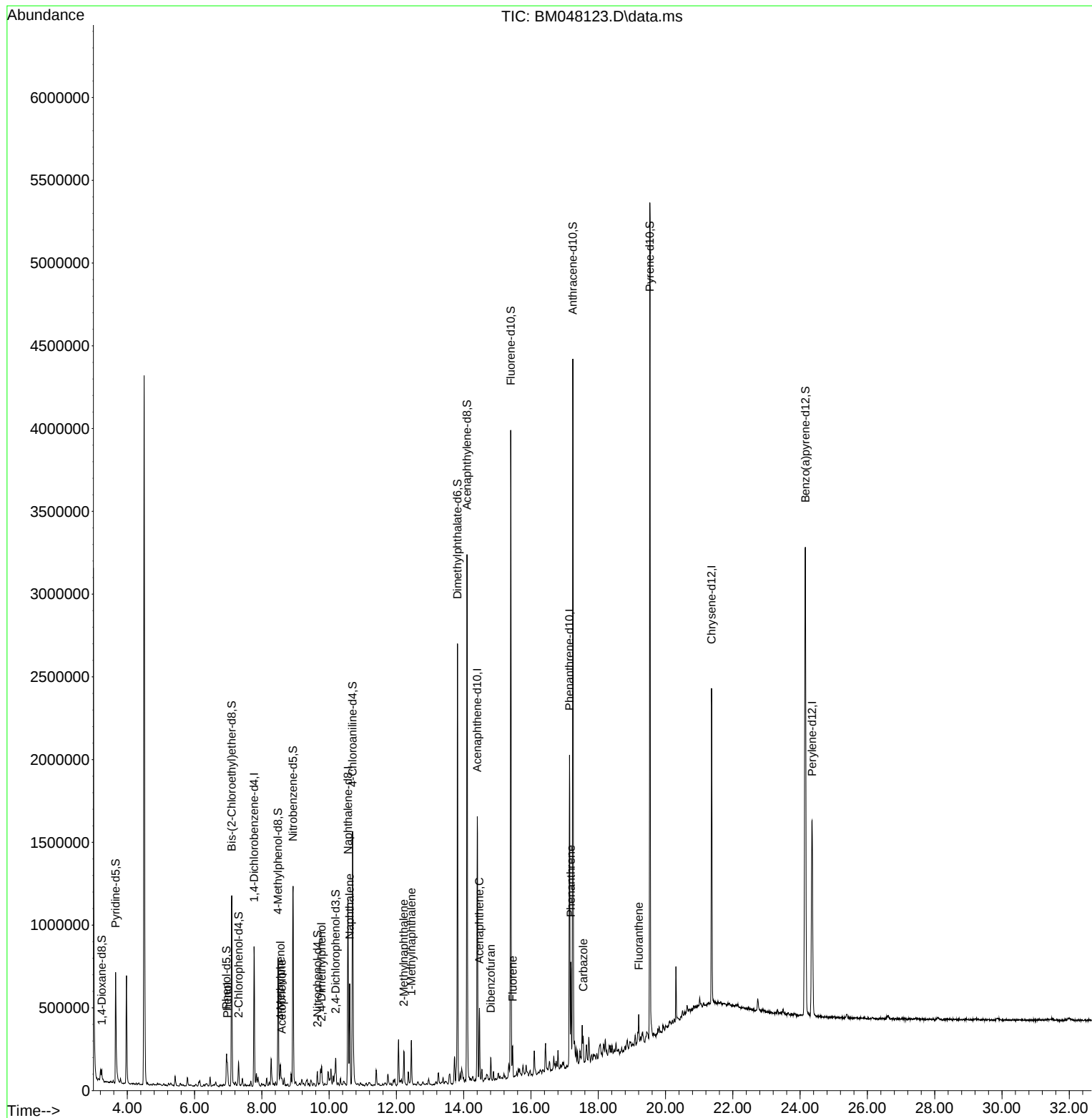
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048123.D
 Acq On : 18 Oct 2024 02:18
 Operator : RC/JU
 Sample : P4380-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

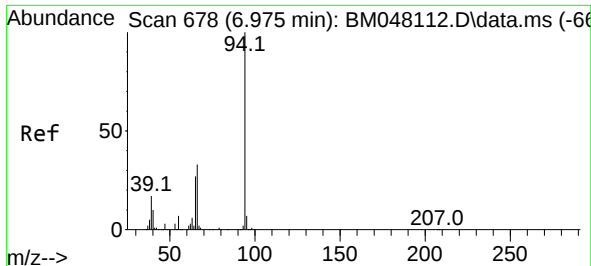
Instrument :
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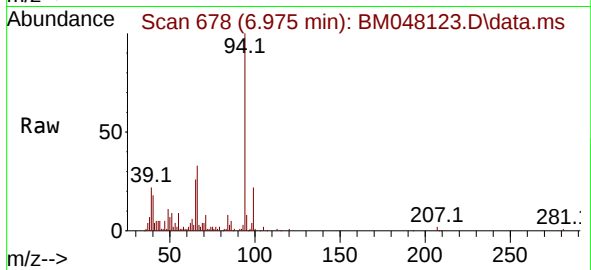
Quant Time: Oct 18 03:10:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 17 15:44:59 2024
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#8
Phenol
Concen: 3.591 ng/u1
RT: 6.975 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

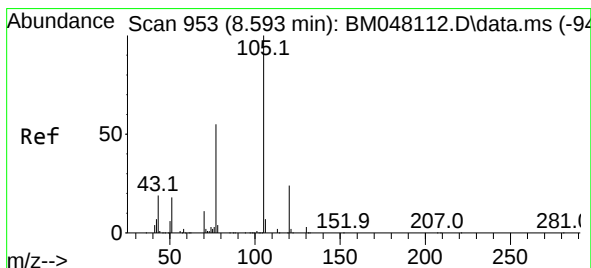
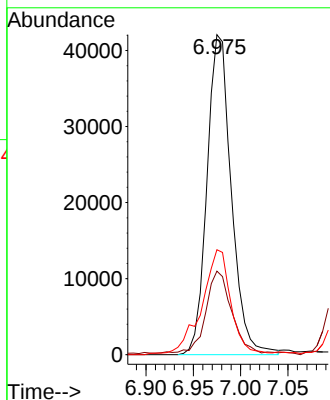
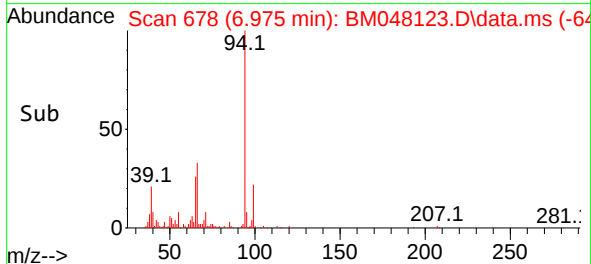
Instrument :
BNA_M
ClientSampleId :
E27H5



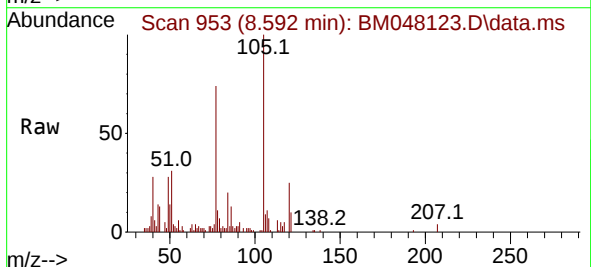
Tgt Ion: 94 Resp: 75359
Ion Ratio Lower Upper
94 100
65 26.1 21.0 31.4
66 32.8 25.0 37.6

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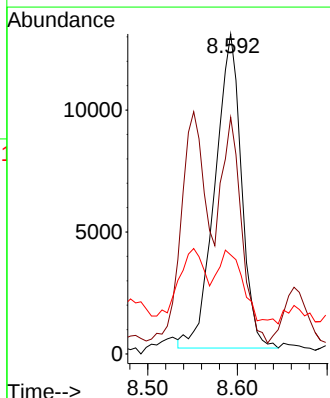
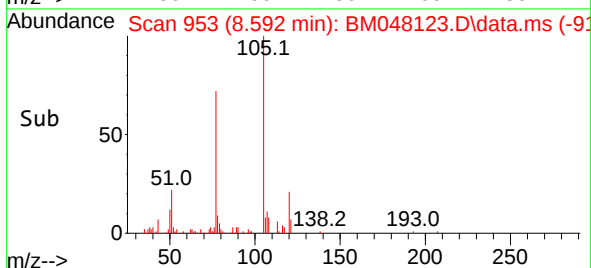
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

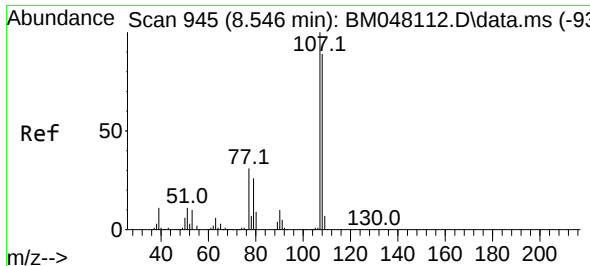


#16
Acetophenone
Concen: 1.084 ng/u1
RT: 8.592 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18



Tgt Ion:105 Resp: 26383
Ion Ratio Lower Upper
105 100
77 74.0 59.3 88.9
51 31.0 19.9 29.9#





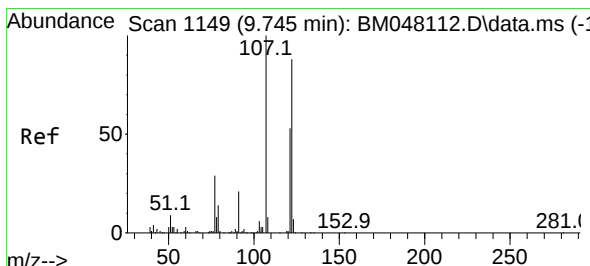
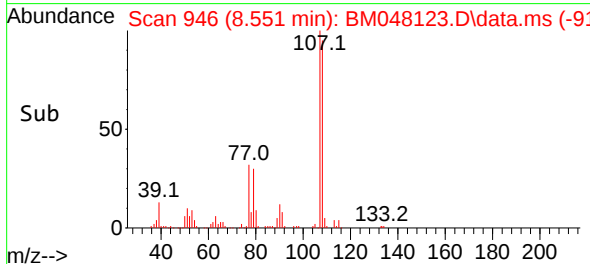
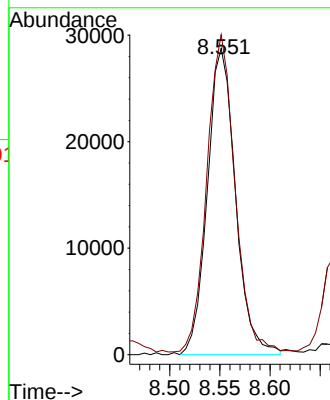
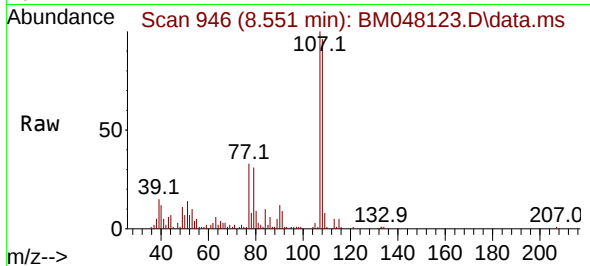
#18
4-Methylphenol
Concen: 3.291 ng/ul
RT: 8.551 min Scan# 945
Delta R.T. 0.006 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

Instrument :
BNA_M
ClientSampleId :
E27H5

Tgt Ion:108 Resp: 56210
Ion Ratio Lower Upper
108 100
107 104.5 90.2 135.4

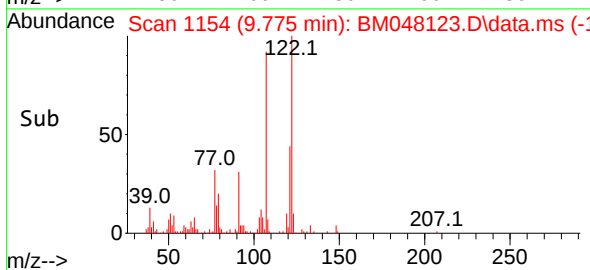
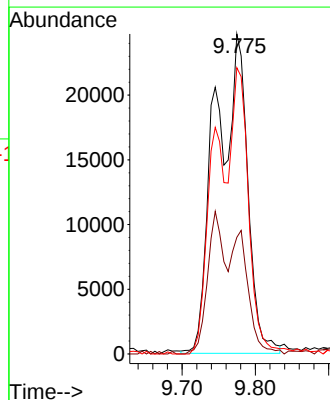
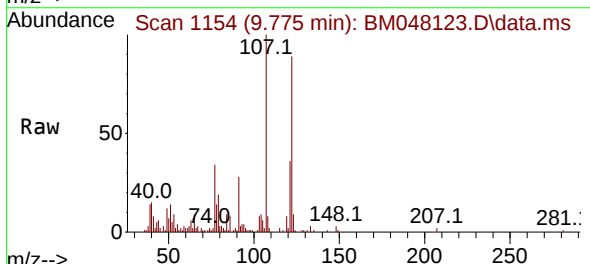
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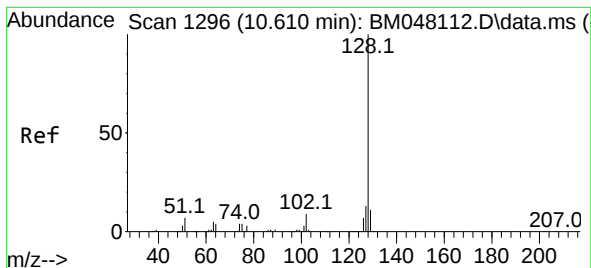
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#26
2,4-Dimethylphenol
Concen: 4.382 ng/ul m
RT: 9.775 min Scan# 1154
Delta R.T. 0.029 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

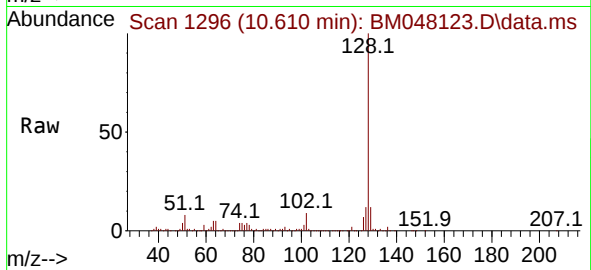
Tgt Ion:107 Resp: 74645
Ion Ratio Lower Upper
107 100
121 36.4 40.4 60.6#
122 89.5 70.6 106.0





#30
Naphthalene
Concen: 8.752 ng/ul
RT: 10.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

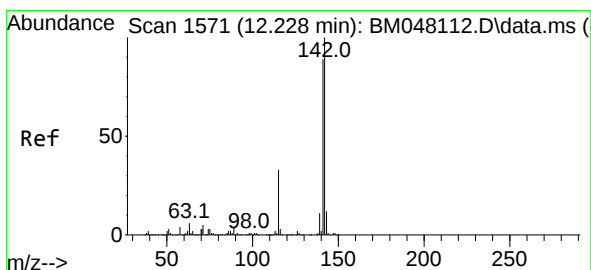
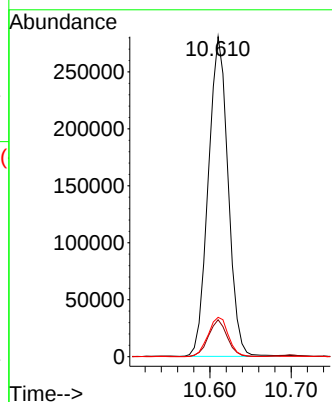
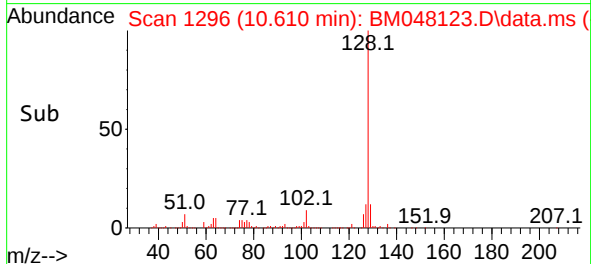
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:128 Resp: 47515
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 12.3 10.3 15.5

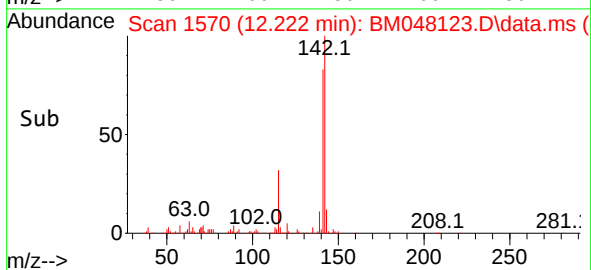
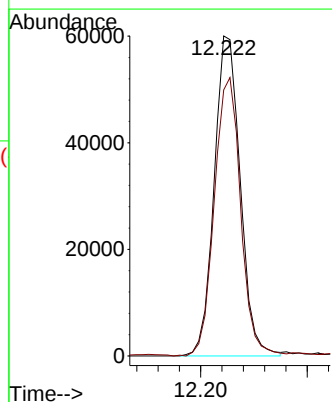
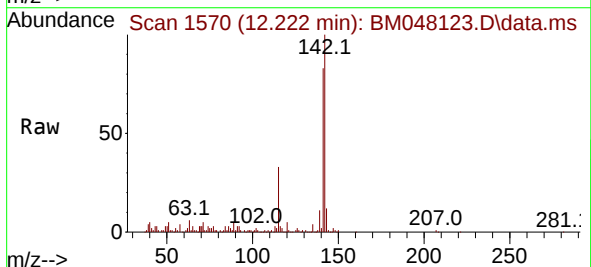
Manual Integrations
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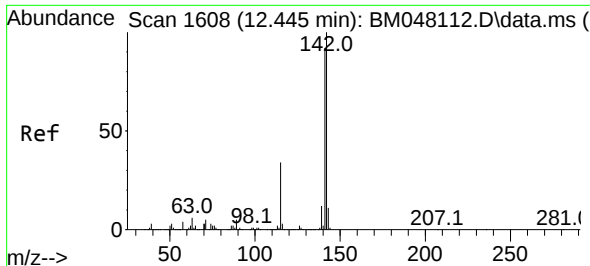
Reviewed By :Yogesh Patel 10/18/2024
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#36
2-Methylnaphthalene
Concen: 2.882 ng/ul
RT: 12.222 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

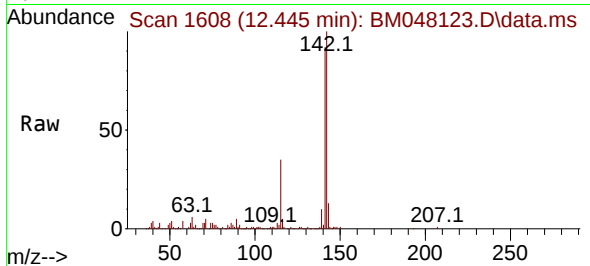
Tgt Ion:142 Resp: 101845
Ion Ratio Lower Upper
142 100
141 83.1 71.1 106.7





#37
1-Methylnaphthalene
Concen: 3.719 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

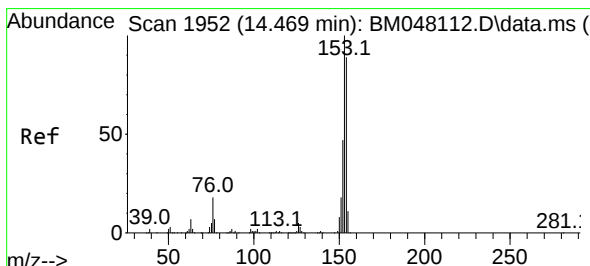
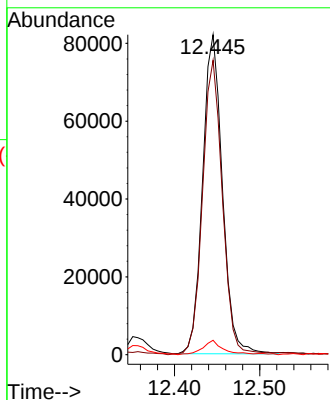
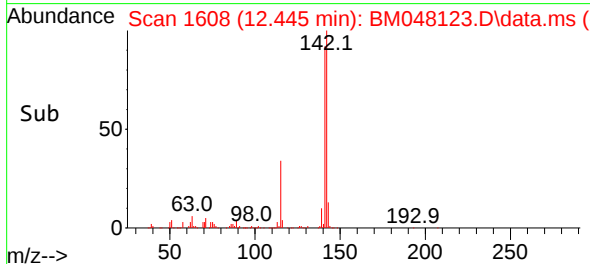
Instrument :
BNA_M
ClientSampleId :
E27H5



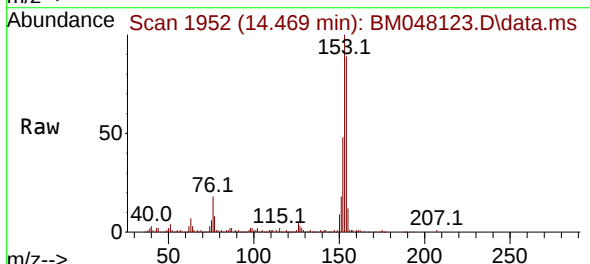
Tgt Ion:142 Resp: 13234
Ion Ratio Lower Upper
142 100
141 92.0 72.8 109.2
116 4.5 2.7 4.1

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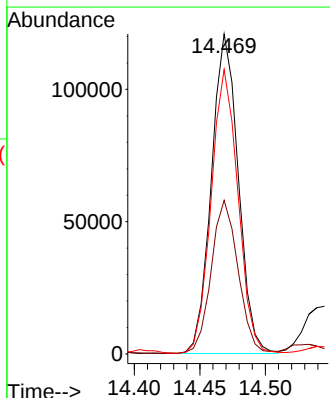
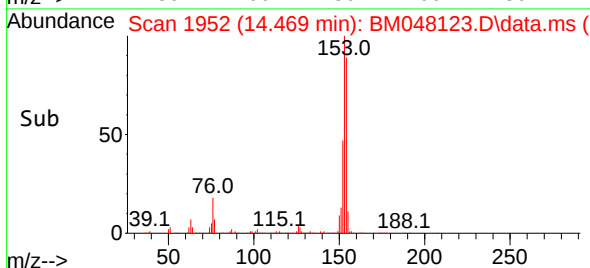
Reviewed By :Yogesh Patel 10/18/2024
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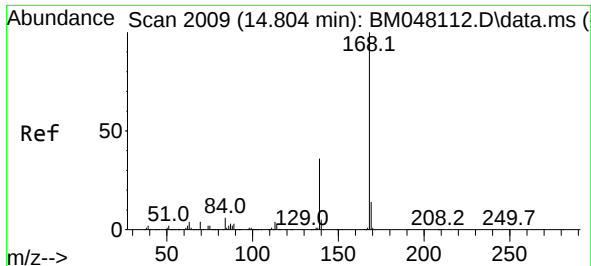


#52
Acenaphthene
Concen: 4.501 ng/ul
RT: 14.469 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18



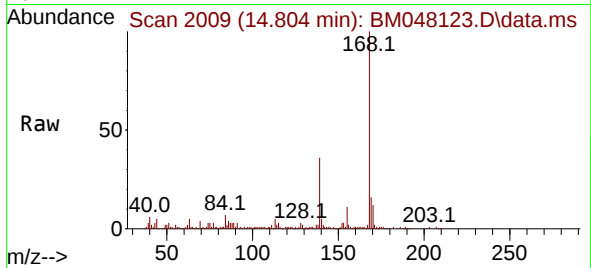
Tgt Ion:153 Resp: 172392
Ion Ratio Lower Upper
153 100
152 48.0 37.0 55.4
154 88.9 71.4 107.2





#56
Dibenzenofuran
Concen: 1.598 ng/ul
RT: 14.804 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

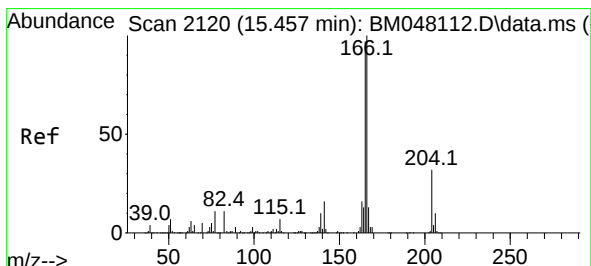
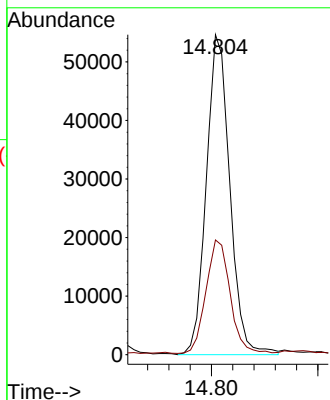
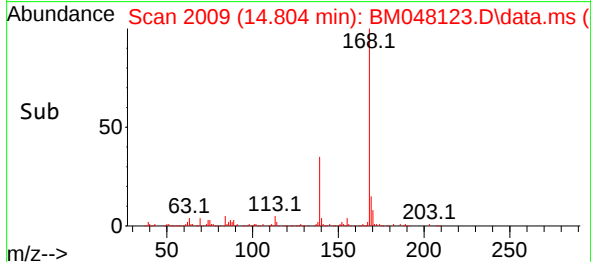
Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:168 Resp: 8374
Ion Ratio Lower Upper
168 100
139 35.8 28.4 42.6

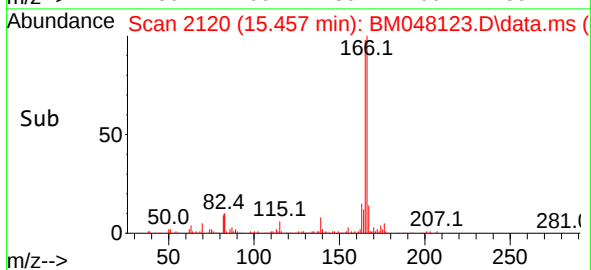
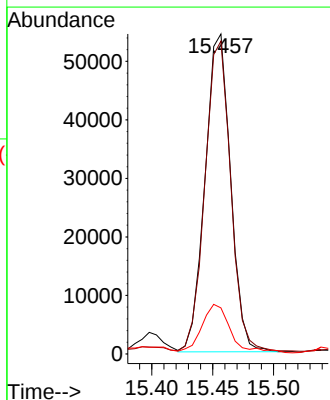
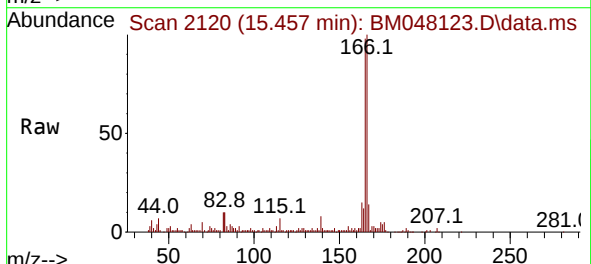
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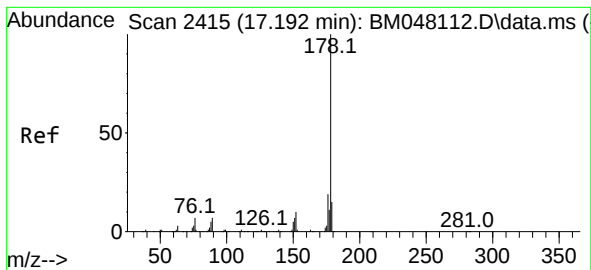
Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#61
Fluorene
Concen: 1.934 ng/ul
RT: 15.457 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

Tgt Ion:166 Resp: 79219
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 14.4 10.8 16.2





#72

Phenanthrene

Concen: 5.896 ng/ul

RT: 17.186 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM048123.D

Acq: 18 Oct 2024 02:18

Instrument :

BNA_M

ClientSampleId :

E27H5

Tgt Ion:178 Resp: 37223

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

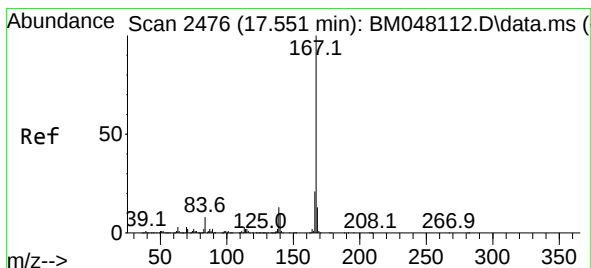
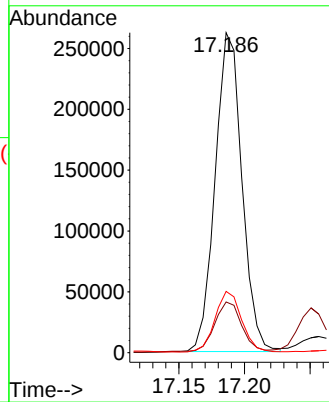
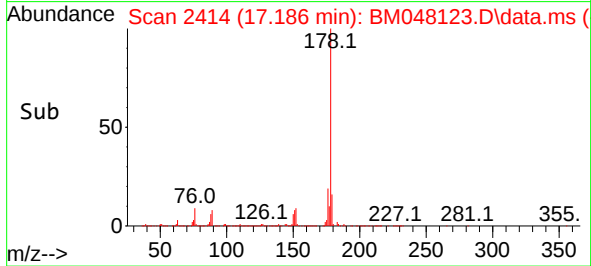
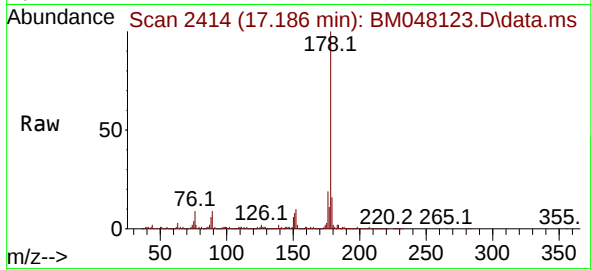
176 19.1 15.6 23.4

Manual Integrations

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Supervised By :mohammad ahmed 10/19/2024



#77

Carbazole

Concen: 1.787 ng/ul

RT: 17.551 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BM048123.D

Acq: 18 Oct 2024 02:18

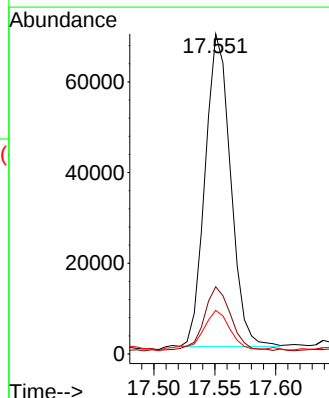
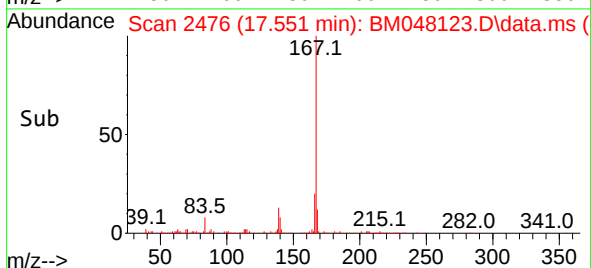
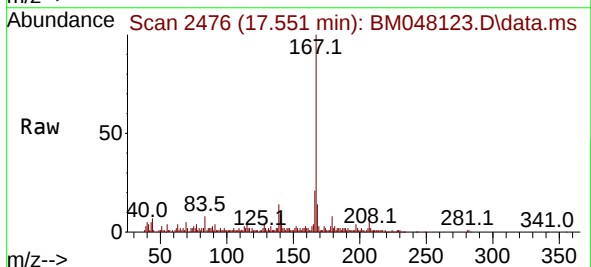
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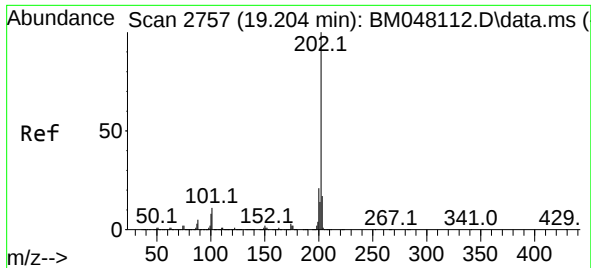
Ion Ratio Lower Upper

167 100

166 21.0 16.9 25.3

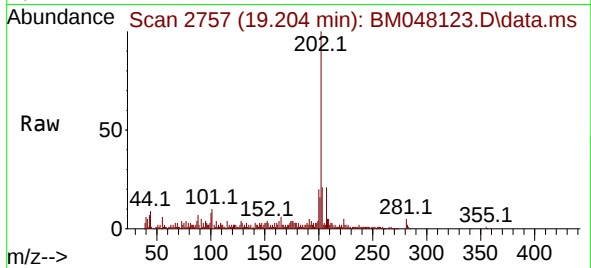
139 13.6 9.9 14.9





#80
Fluoranthene
Concen: 1.264 ng/ul
RT: 19.204 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048123.D
Acq: 18 Oct 2024 02:18

Instrument :
BNA_M
ClientSampleId :
E27H5



Tgt Ion:202 Resp: 95238
Ion Ratio Lower Upper
202 100
101 10.2 8.6 12.8
100 7.9 6.6 10.0

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