

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
 Data File : BM048132.D
 Acq On : 18 Oct 2024 12:44
 Operator : RC/JU
 Sample : P4380-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27G9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2024
 Supervised By :mohammad ahmed 10/19/2024

Quant Time: Oct 18 13:25:46 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	250327	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	1001900	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	601916	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.145	188	1164628	20.000	ng/u1	0.00
79) Chrysene-d12	21.368	240	1009226	20.000	ng/u1	0.00
88) Perylene-d12	24.356	264	1129468	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	31424	4.767	ng/uL	0.00
4) Pyridine-d5	3.663	84	86054	4.851	ng/u1	0.01
7) Phenol-d5	6.945	99	227032	11.196	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	402467	33.414	ng/u1	0.00
11) 2-Chlorophenol-d4	7.304	132	547513	31.218	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	388988	24.648	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	277460	32.817	ng/u1	0.00
24) 2-Nitrophenol-d4	9.645	143	312129	33.362	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	539678	32.753	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	381291	17.680	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1455189	33.286	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1730050	33.283	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	81961	10.143	ng/u1	0.00
60) Fluorene-d10	15.398	176	1306245	34.998	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.521	200	220154	29.226	ng/u1	0.00
73) Anthracene-d10	17.245	188	1974842	35.754	ng/u1	0.00
81) Pyrene-d10	19.533	212	2206605	35.781	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.150	264	2171685	35.999	ng/u1	0.00
Target Compounds					Qvalue	
13) 2-Methylphenol	8.216	108	253078	16.040	ng/u1	97
18) 4-Methylphenol	8.551	108	1102036	64.922	ng/u1	90
26) 2,4-Dimethylphenol	9.745	107	746265m	42.939	ng/u1	
30) Naphthalene	10.622	128	17462743	315.309	ng/u1	98
36) 2-Methylnaphthalene	12.222	142	580628	16.108	ng/u1	98
37) 1-Methylnaphthalene	12.445	142	381553	10.510	ng/u1	99
43) 1,1'-Biphenyl	13.233	154	113602	2.444	ng/u1	99
50) Acenaphthylene	14.127	152	1046837	18.616	ng/u1	100
52) Acenaphthene	14.468	153	209222	5.378	ng/u1	98
56) Dibenzofuran	14.804	168	379952	7.138	ng/u1	100
61) Fluorene	15.451	166	316121	7.599	ng/u1	100
72) Phenanthrene	17.186	178	511715	8.032	ng/u1	100
77) Carbazole	17.551	167	1107287	19.554	ng/u1	100
80) Fluoranthene	19.198	202	86650	1.208	ng/u1#	95

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

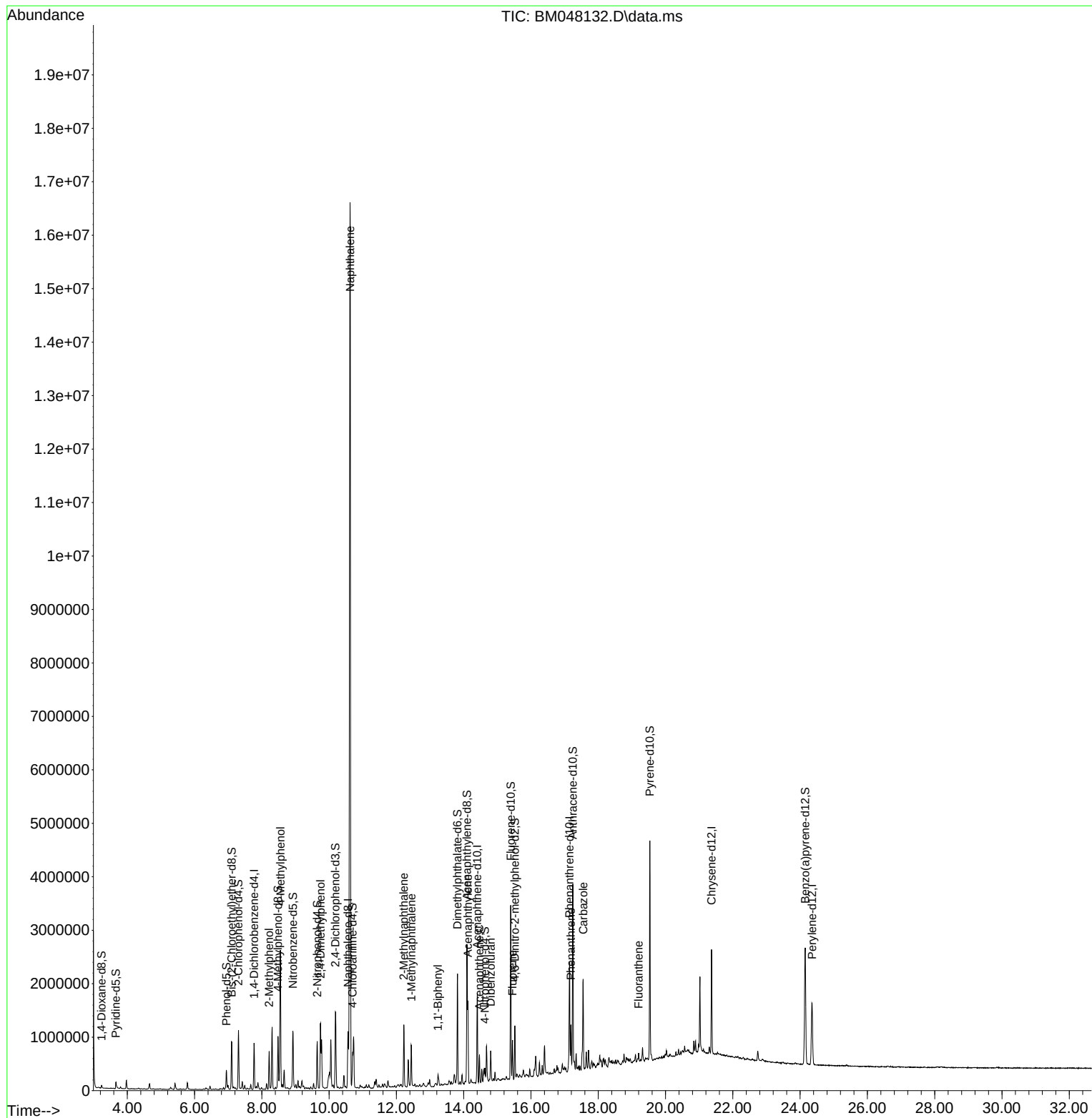
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048132.D
Acq On : 18 Oct 2024 12:44
Operator : RC/JU
Sample : P4380-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

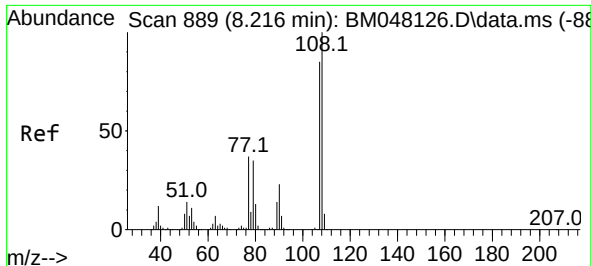
Instrument :
BNA_M
ClientSampleId :
E27G9

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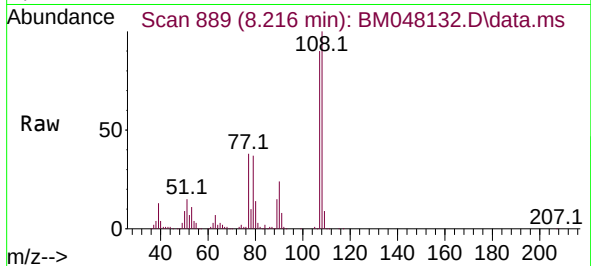
Quant Time: Oct 18 13:25:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 15:44:59 2024
Response via : Initial Calibration





#13
2-Methylphenol
Concen: 16.040 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

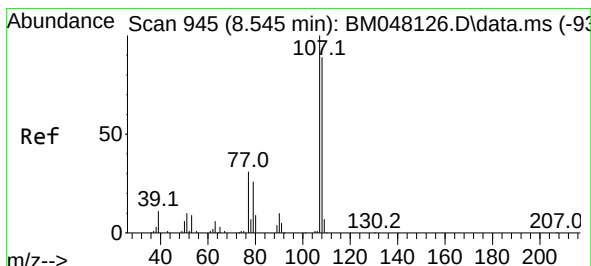
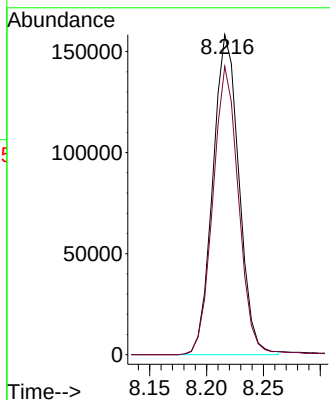
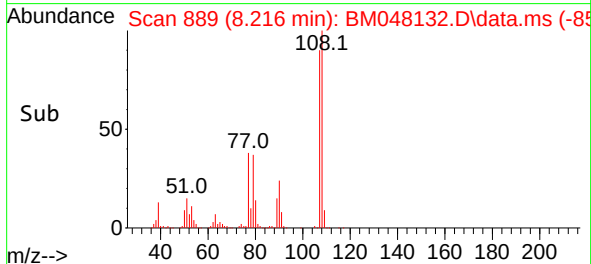
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:108 Resp: 253078
Ion Ratio Lower Upper
108 100
107 90.1 70.2 105.2

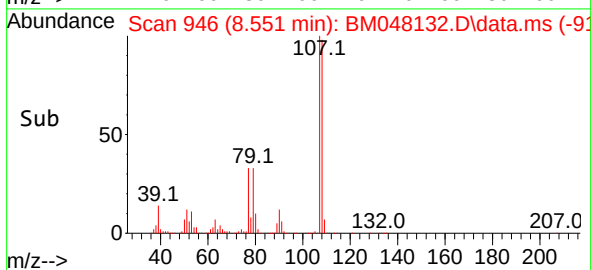
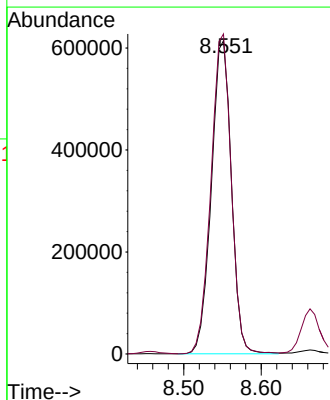
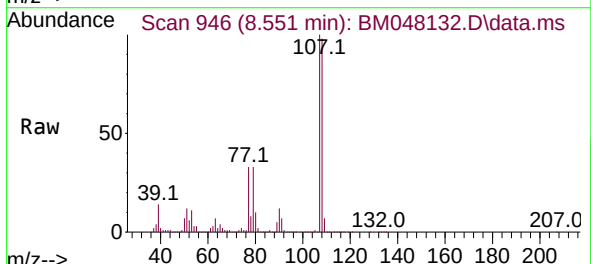
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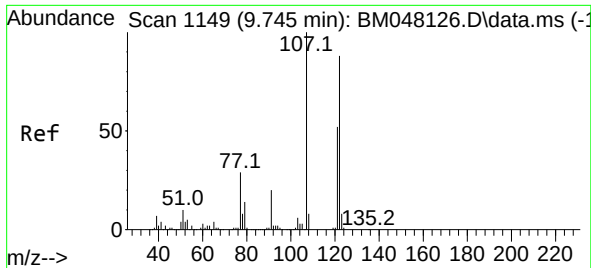
Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#18
4-Methylphenol
Concen: 64.922 ng/ul
RT: 8.551 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

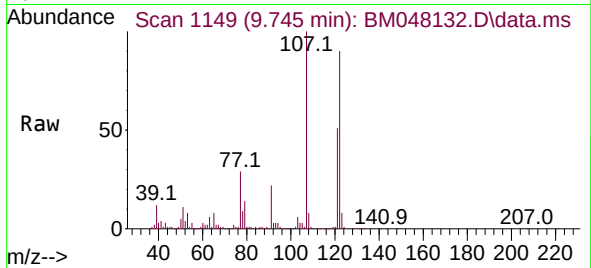
Tgt Ion:108 Resp: 1102036
Ion Ratio Lower Upper
108 100
107 102.2 90.2 135.4





#26
2,4-Dimethylphenol
Concen: 42.939 ng/ul m
RT: 9.745 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

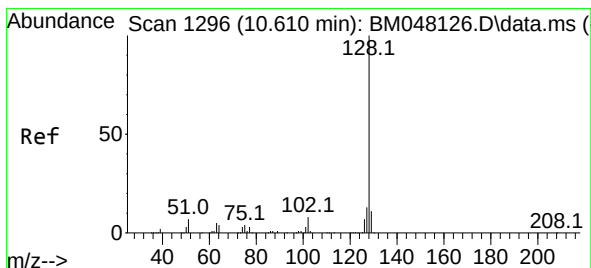
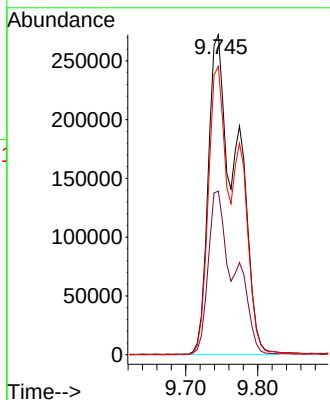
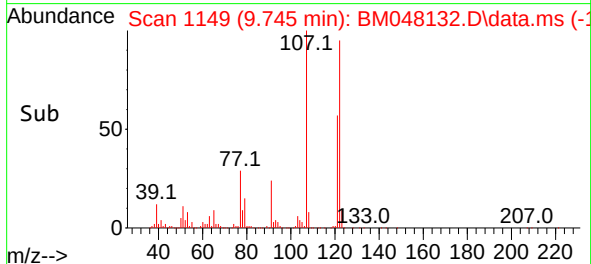
Instrument :
BNA_M
ClientSampleId :
E27G9



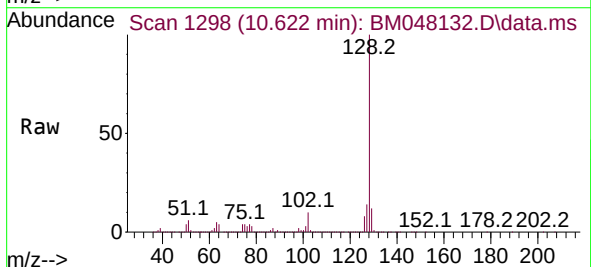
Tgt Ion:107 Resp: 746268
Ion Ratio Lower Upper
107 100
121 51.1 40.4 60.6
122 90.1 70.6 106.0

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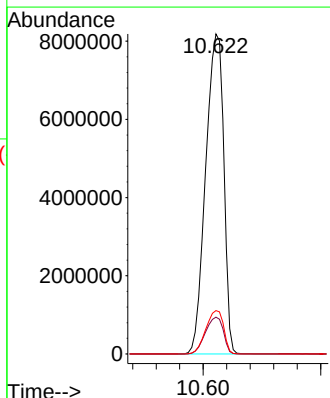
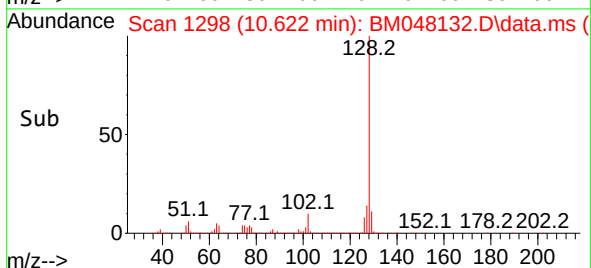
Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024

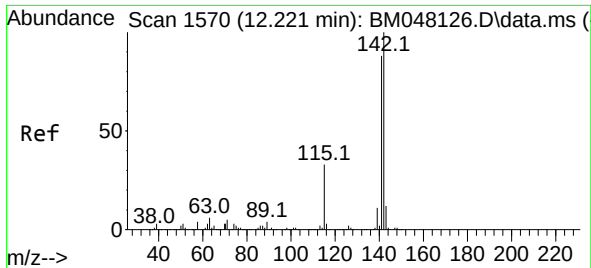


#30
Naphthalene
Concen: 315.309 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. 0.012 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44



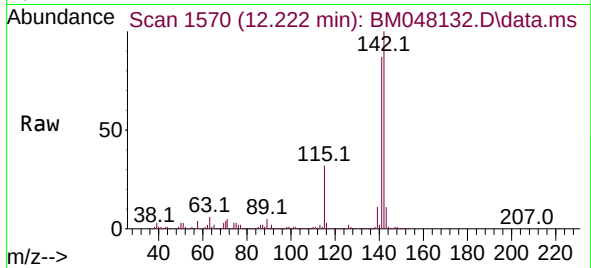
Tgt Ion:128 Resp:17462743
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.5 10.3 15.5





#36
2-Methylnaphthalene
Concen: 16.108 ng/ul
RT: 12.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

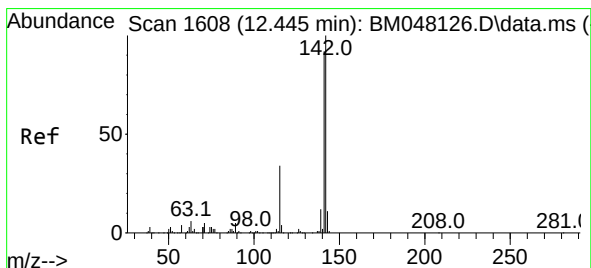
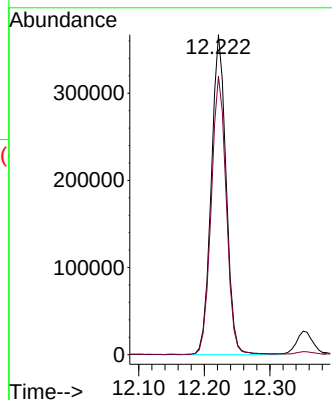
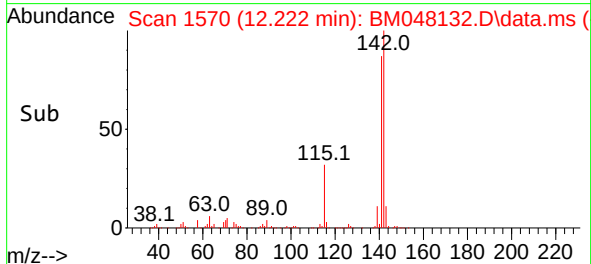
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:142 Resp: 580628
Ion Ratio Lower Upper
142 100
141 87.0 71.1 106.7

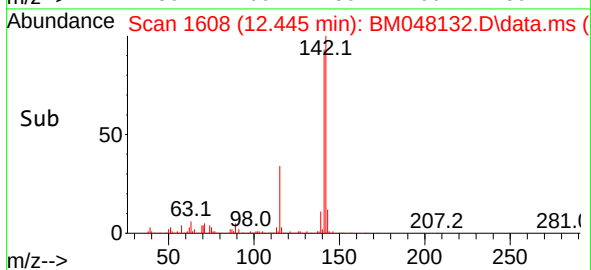
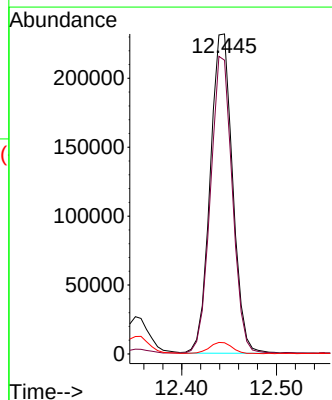
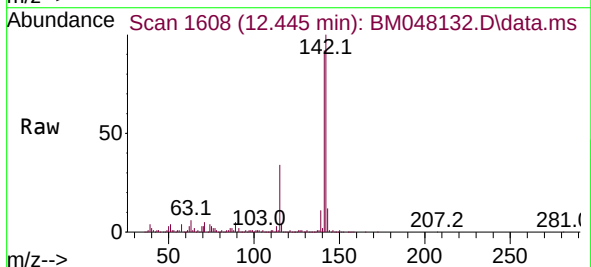
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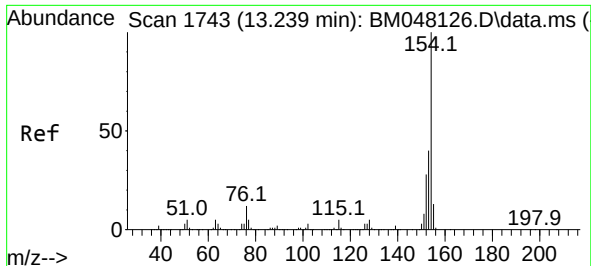
Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#37
1-Methylnaphthalene
Concen: 10.510 ng/ul
RT: 12.445 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

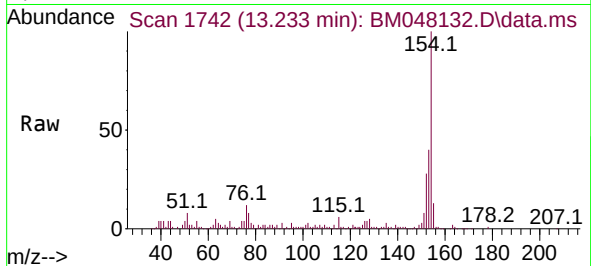
Tgt Ion:142 Resp: 381553
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2
116 3.5 2.7 4.1





#43
1,1'-Biphenyl
Concen: 2.444 ng/ul
RT: 13.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

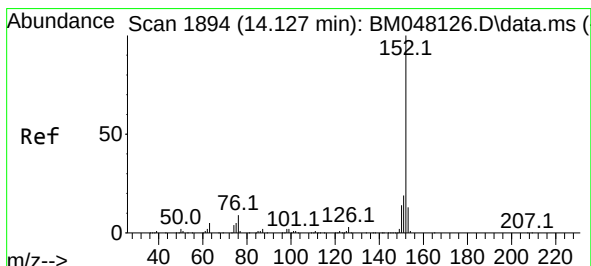
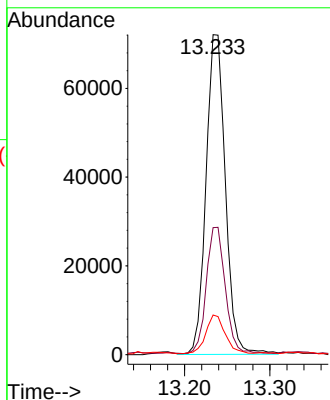
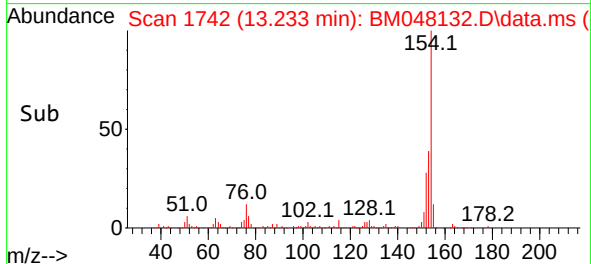
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:154 Resp: 113602
Ion Ratio Lower Upper
154 100
153 39.7 31.5 47.3
76 12.4 9.6 14.4

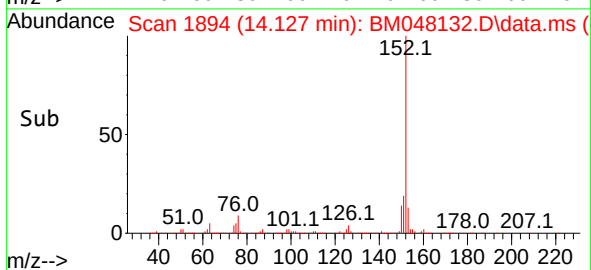
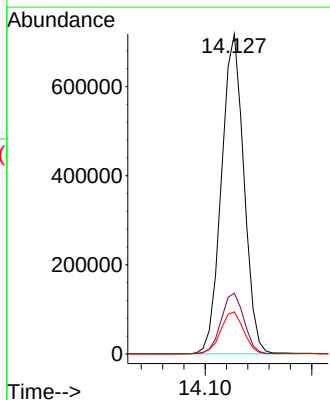
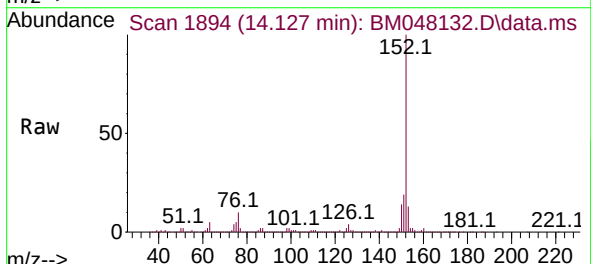
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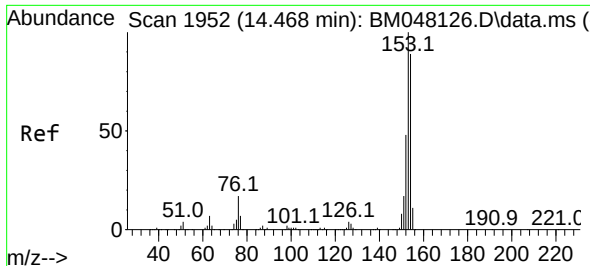
Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#50
Acenaphthylene
Concen: 18.616 ng/ul
RT: 14.127 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

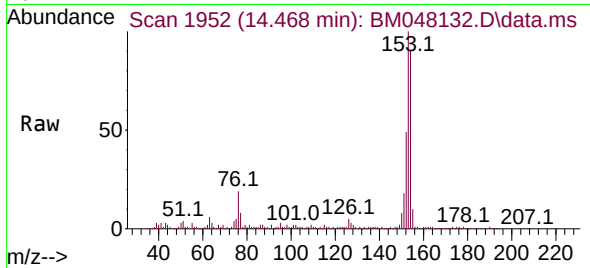
Tgt Ion:152 Resp: 1046837
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.0
153 13.1 10.6 15.8





#52
Acenaphthene
Concen: 5.378 ng/u1
RT: 14.468 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

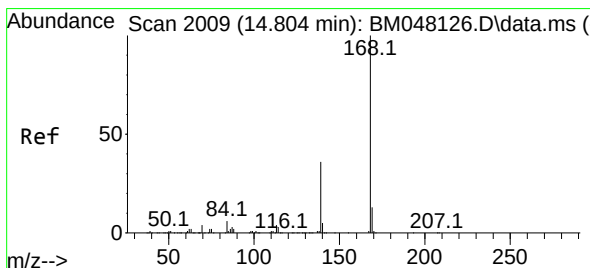
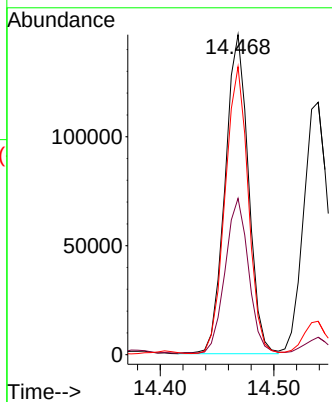
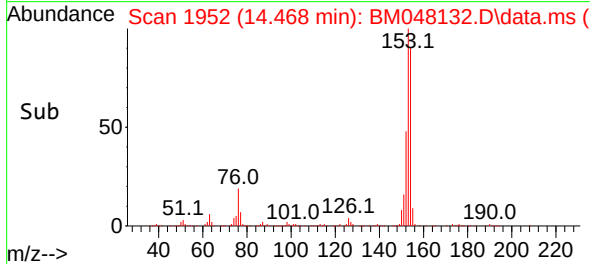
Instrument :
BNA_M
ClientSampleId :
E27G9



Tgt Ion:153 Resp: 20922
Ion Ratio Lower Upper
153 100
152 48.8 37.0 55.4
154 90.0 71.4 107.2

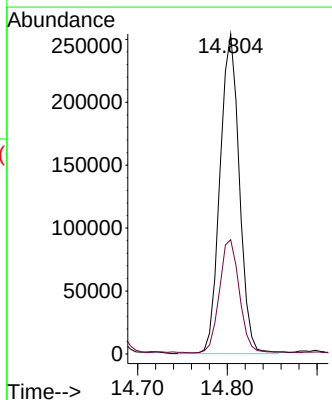
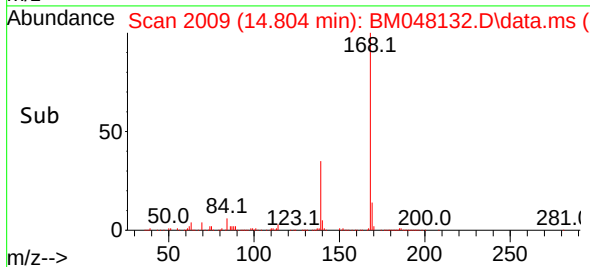
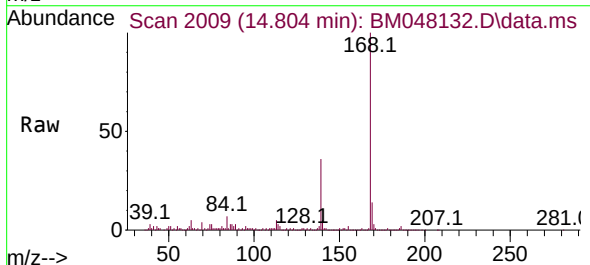
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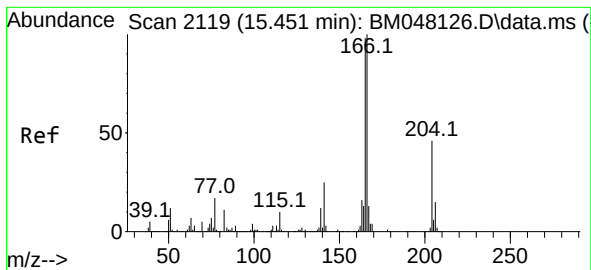
Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#56
Dibenzofuran
Concen: 7.138 ng/u1
RT: 14.804 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM048132.D
Acq: 18 Oct 2024 12:44

Tgt Ion:168 Resp: 379952
Ion Ratio Lower Upper
168 100
139 35.7 28.4 42.6





#61

Fluorene

Concen: 7.599 ng/ul

RT: 15.451 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM048132.D

Acq: 18 Oct 2024 12:44

Instrument :

BNA_M

ClientSampleId :

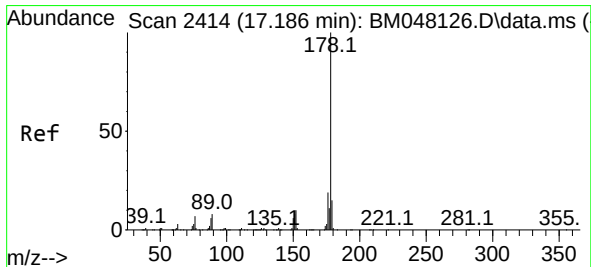
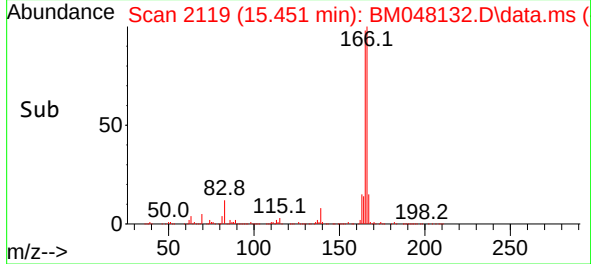
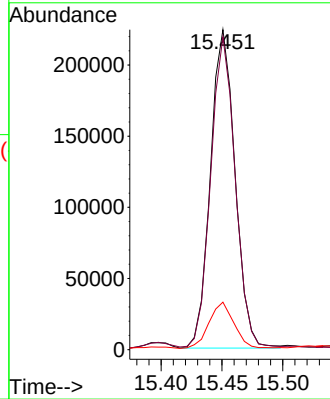
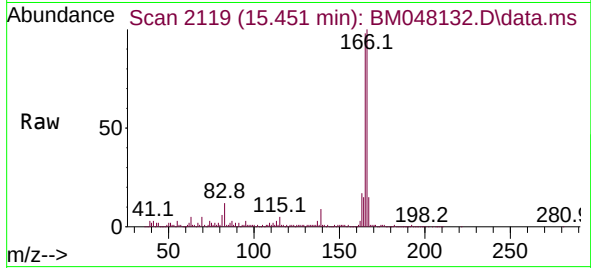
E27G9

Tgt Ion:166	Resp: 31612
Ion Ratio	Lower Upper
166	100
165	97.8 78.2 117.2
167	14.8 10.8 16.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/18/2024
Supervised By :mohammad ahmed 10/19/2024



#72

Phenanthrene

Concen: 8.032 ng/ul

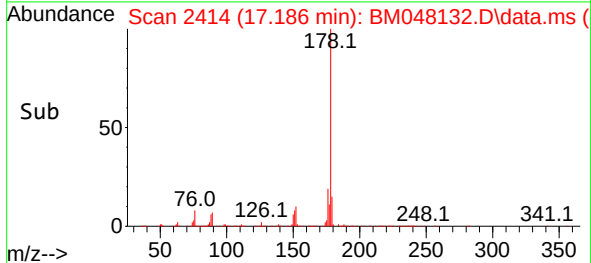
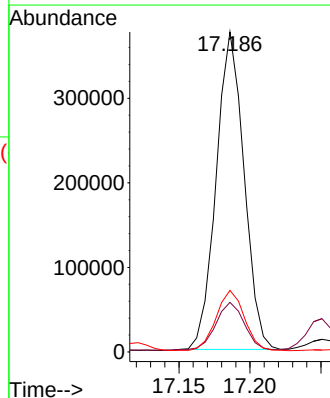
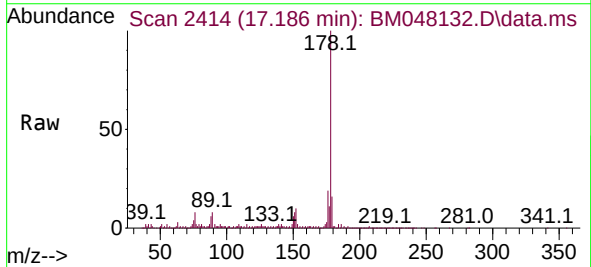
RT: 17.186 min Scan# 2414

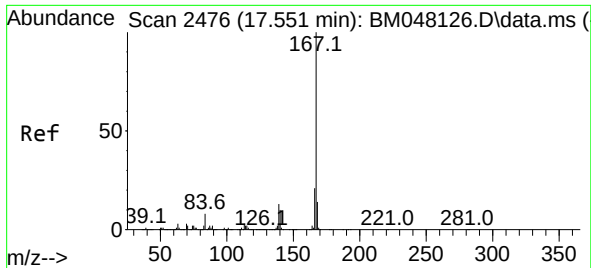
Delta R.T. -0.006 min

Lab File: BM048132.D

Acq: 18 Oct 2024 12:44

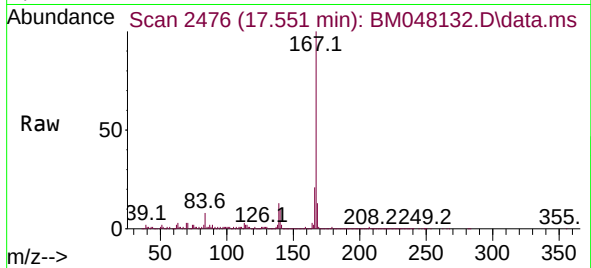
Tgt Ion:178	Resp: 511715
Ion Ratio	Lower Upper
178	100
179	15.5 12.4 18.6
176	19.2 15.6 23.4





#77
 Carbazole
 Concen: 19.554 ng/u1
 RT: 17.551 min Scan# 2476
 Delta R.T. -0.000 min
 Lab File: BM048132.D
 Acq: 18 Oct 2024 12:44

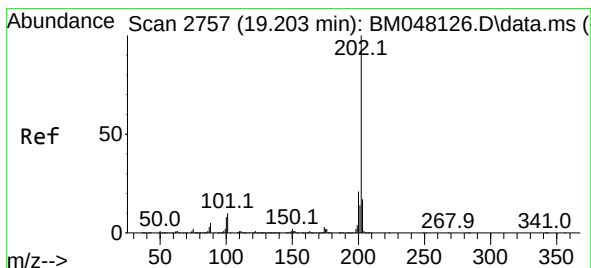
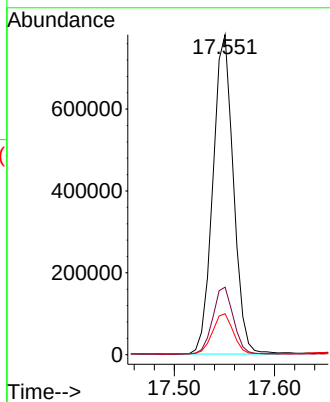
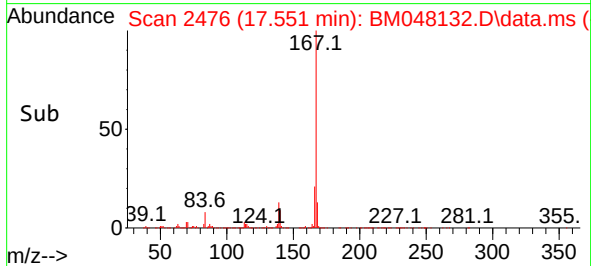
Instrument :
 BNA_M
 ClientSampleId :
 E27G9



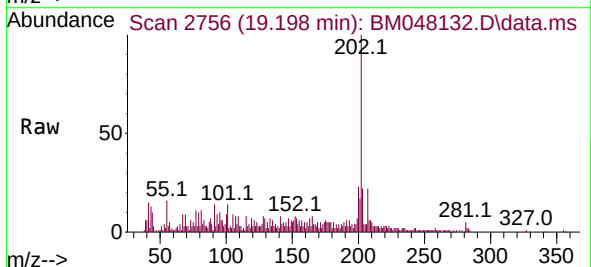
Tgt Ion:167 Resp: 110728
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.9 25.3
 139 12.8 9.9 14.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2024
 Supervised By :mohammad ahmed 10/19/2024



#80
 Fluoranthene
 Concen: 1.208 ng/u1
 RT: 19.198 min Scan# 2756
 Delta R.T. -0.006 min
 Lab File: BM048132.D
 Acq: 18 Oct 2024 12:44



Tgt Ion:202 Resp: 86650
 Ion Ratio Lower Upper
 202 100
 101 13.9 8.6 12.8#
 100 8.8 6.6 10.0

