

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047717.D
 Acq On : 30 Sep 2024 14:37
 Operator : RC/JU
 Sample : P4018-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

Quant Time: Sep 30 15:16:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	292914	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	995247	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.451	164	706717	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1301298	20.000	ng/ul	0.01
79) Chrysene-d12	21.404	240	1263027	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1499473	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	21528	2.375	ng/uL	0.00
4) Pyridine-d5	3.693	84	21855m	0.823	ng/ul	0.02
7) Phenol-d5	6.975	99	400517	14.460	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	277972	14.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.346	132	346626	17.201	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	216211	10.499	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	173191m	21.856	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	174838	23.024	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	312519	20.602	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	264007	11.257	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	873736	17.053	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1071593	17.639	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	204135	20.011	ng/ul	0.00
60) Fluorene-d10	15.439	176	773979	17.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	105272	13.824	ng/ul	0.00
73) Anthracene-d10	17.292	188	1123395	17.557	ng/ul	0.00
81) Pyrene-d10	19.568	212	1358878	18.957	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1388488	17.847	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.657	128	1195298	20.880	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	1750870	48.135	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	1179639	31.876	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	54386	4.086	ng/ul	97
42) 2,4,5-Trichlorophenol	12.951	196	15477	1.063	ng/ul	98
43) 1,1'-Biphenyl	13.281	154	213439	3.772	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.086	232	5126101	446.774	ng/ul#	93
61) Fluorene	15.498	166	129186	2.375	ng/ul#	94
71) Pentachlorophenol	16.910	266	22181042m	2234.667	ng/ul	
72) Phenanthrene	17.239	178	617167	8.087	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.315	149	66807	1.339	ng/ul#	80

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

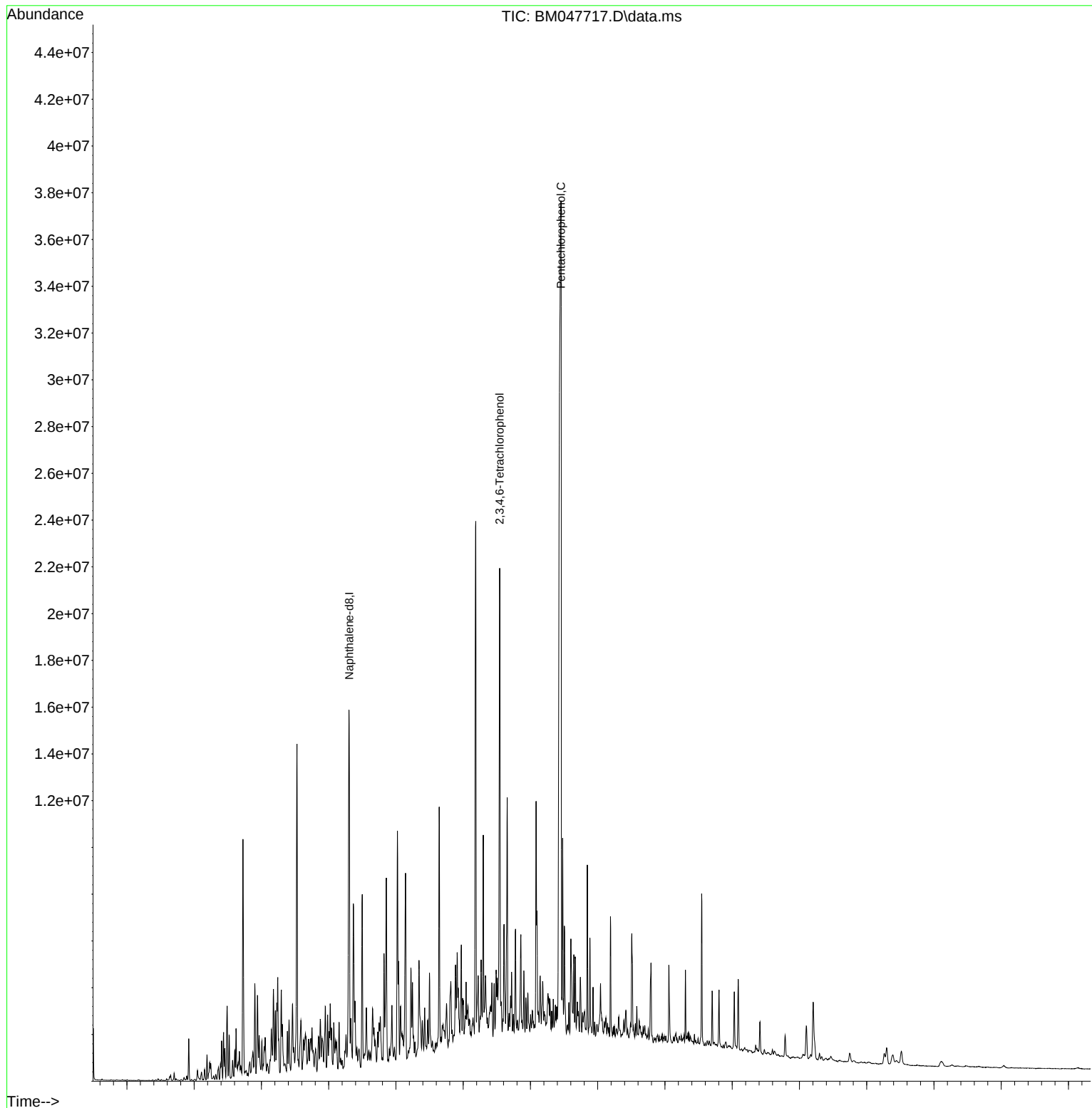
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047717.D
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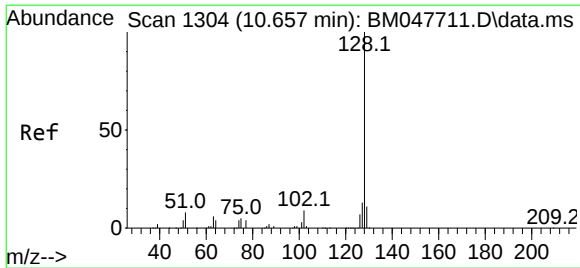
Instrument :
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Quant Time: Sep 30 15:16:44 2024
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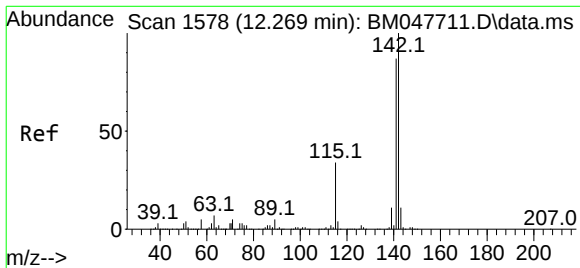
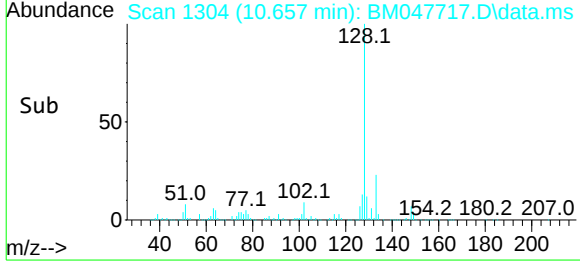
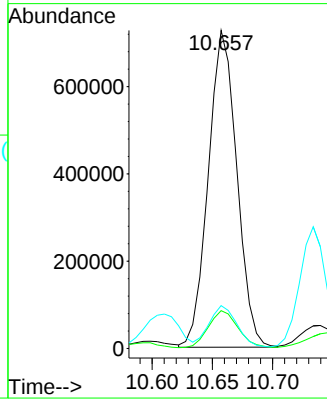
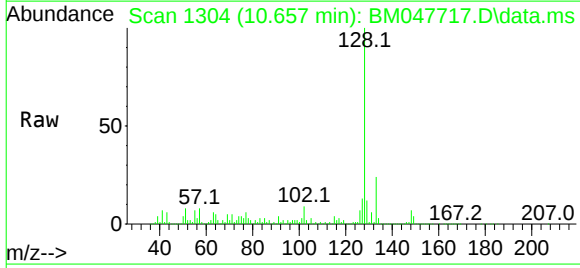
#30
Naphthalene
Concen: 20.880 ng/ul
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37

Instrument :
BNA_M
ClientSampleId :
DDCB4

Tgt Ion:128 Resp: 1195298
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 13.5 10.4 15.6

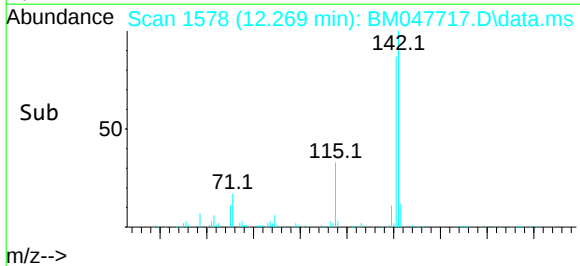
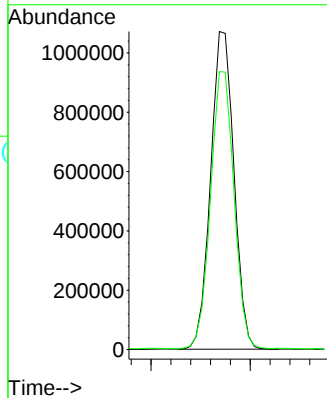
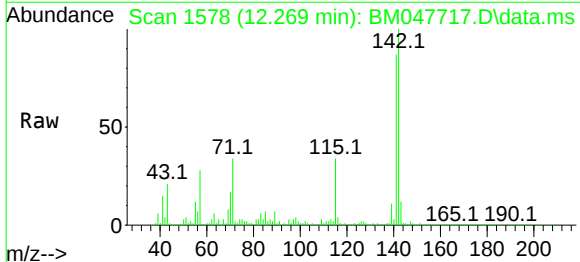
Manual Integrations
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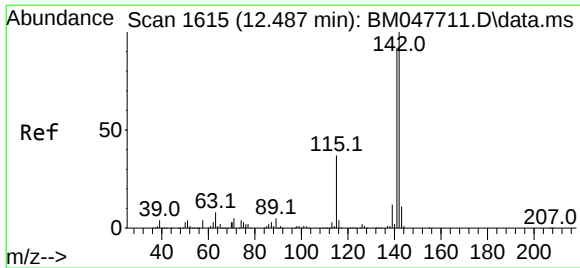
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 48.135 ng/ul
RT: 12.269 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37

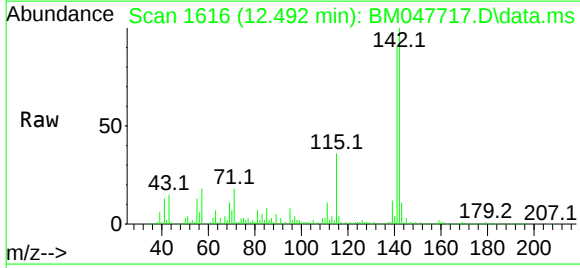
Tgt Ion:142 Resp: 1750870
Ion Ratio Lower Upper
142 100
141 87.4 72.5 108.7





#37
1-Methylnaphthalene
Concen: 31.876 ng/ul
RT: 12.492 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37

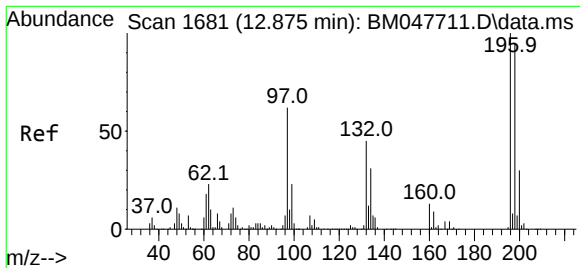
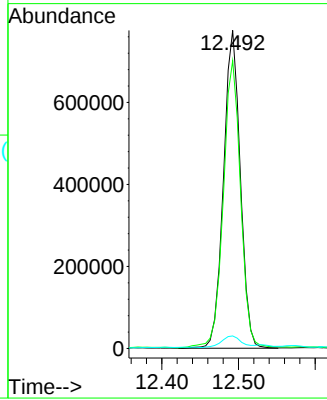
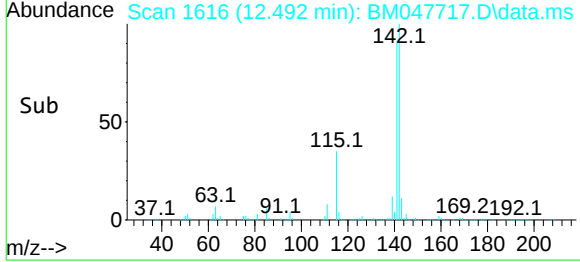
Instrument :
BNA_M
ClientSampleId :
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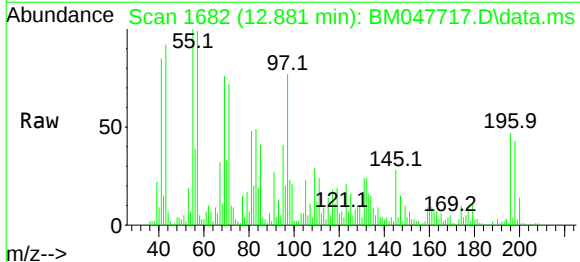
Tgt Ion:142 Resp: 1179639
Ion Ratio Lower Upper
142 100
141 90.5 73.4 110.2
116 3.9 3.0 4.6

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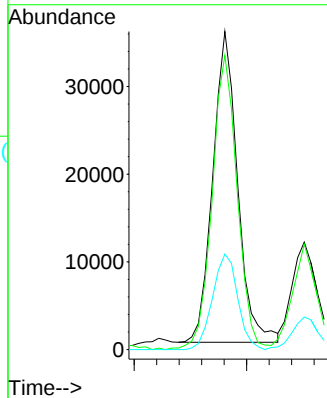
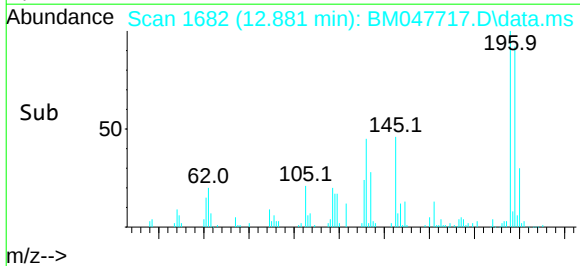
Reviewed By :Yogesh Patel 10/01/2024
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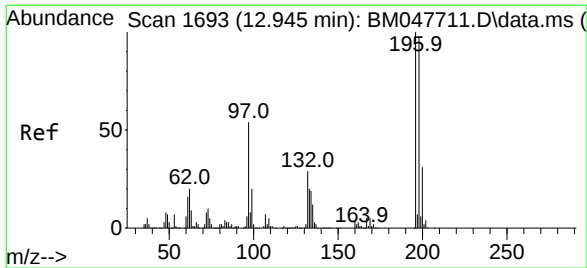


#41
2,4,6-Trichlorophenol
Concen: 4.086 ng/ul
RT: 12.881 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37



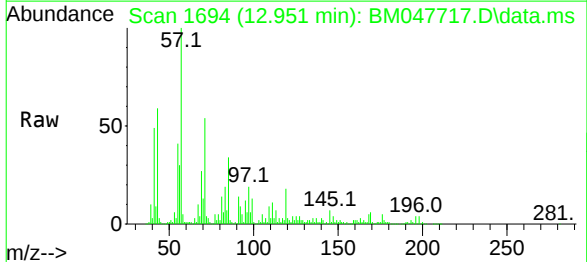
Tgt Ion:196 Resp: 54386
Ion Ratio Lower Upper
196 100
198 92.5 77.1 115.7
200 30.0 24.5 36.7





#42
2,4,5-Trichlorophenol
Concen: 1.063 ng/ul
RT: 12.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37

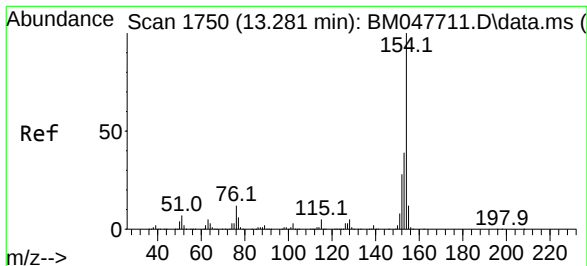
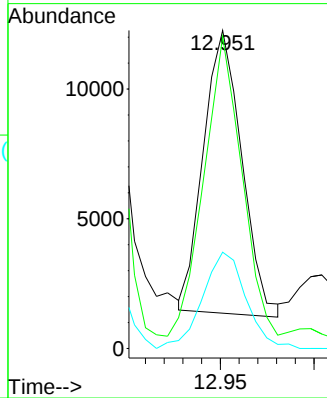
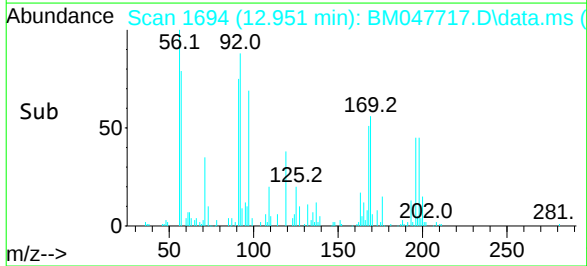
Instrument :
BNA_M
ClientSampleId :
DDCB4



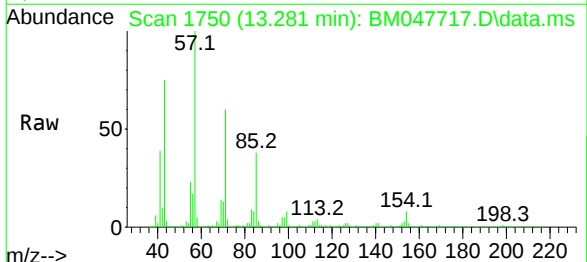
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	79.5	119.3
200	30.3	25.8	38.8

Manual Integrations
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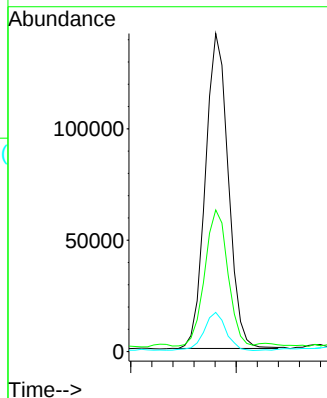
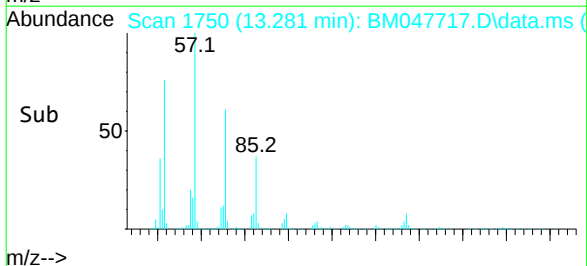
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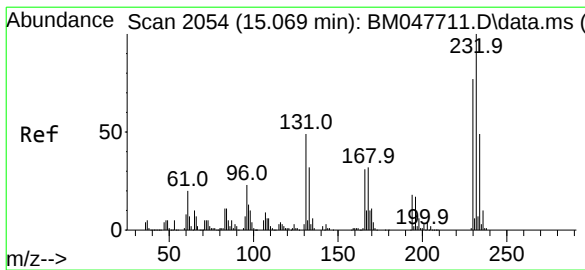


#43
1,1'-Biphenyl
Concen: 3.772 ng/ul
RT: 13.281 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37



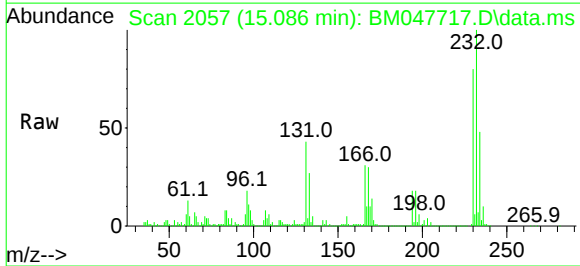
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.5	31.1	46.7
76	12.3	12.1	18.1





#58
2,3,4,6-Tetrachlorophenol
Concen: 446.774 ng/ul
RT: 15.086 min Scan# 2057
Delta R.T. 0.018 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37

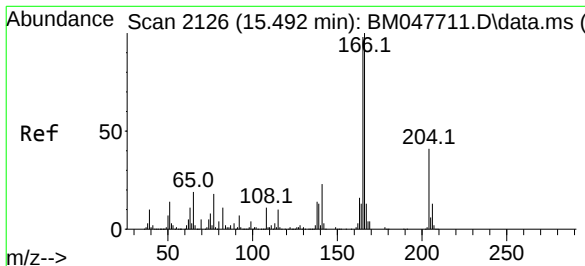
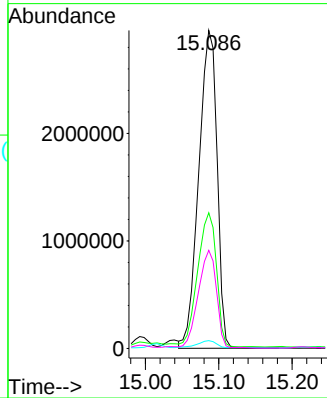
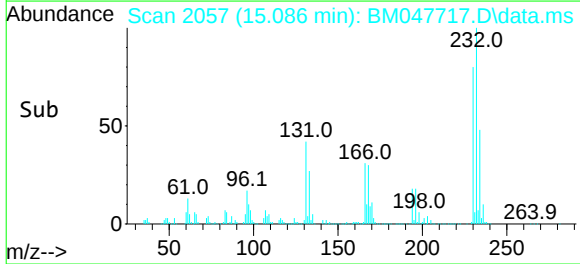
Instrument :
BNA_M
ClientSampleId :
DDCB4



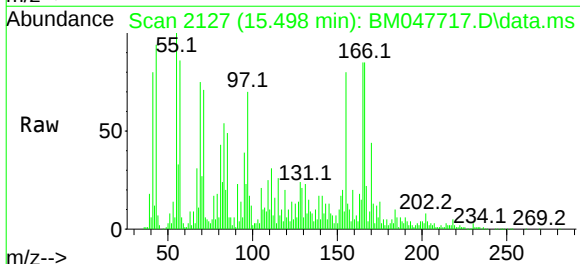
Tgt Ion:232 Resp: 5126101
Ion Ratio Lower Upper
232 100
131 42.7 40.2 60.4
130 2.5 2.6 4.0#
166 30.9 25.3 37.9

Manual Integrations
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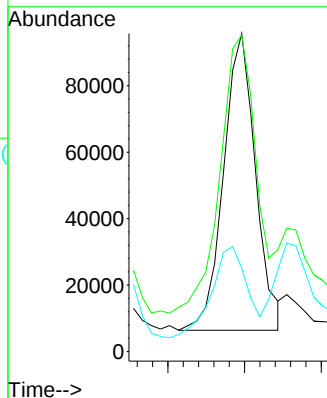
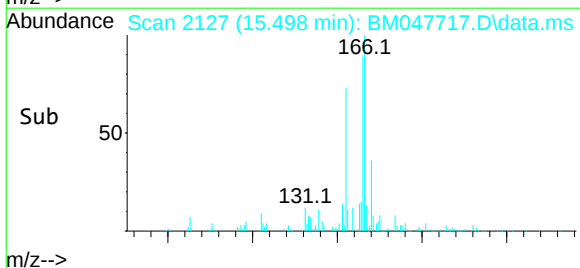
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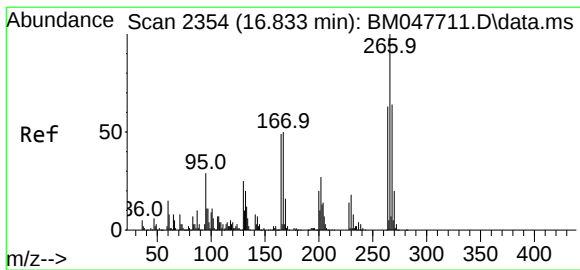


#61
Fluorene
Concen: 2.375 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37



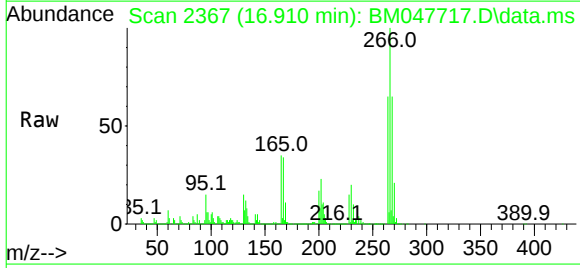
Tgt Ion:166 Resp: 129186
Ion Ratio Lower Upper
166 100
165 99.6 77.8 116.6
167 26.3 10.8 16.2#





#71
Pentachlorophenol
Concen: 2234.667 ng/u1 m
RT: 16.910 min Scan# 23
Delta R.T. 0.071 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37

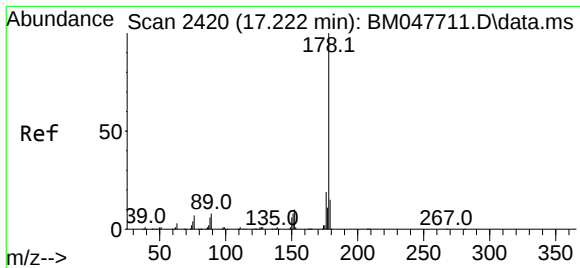
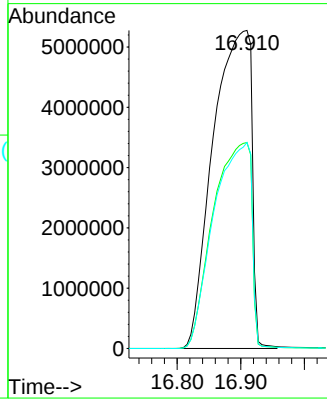
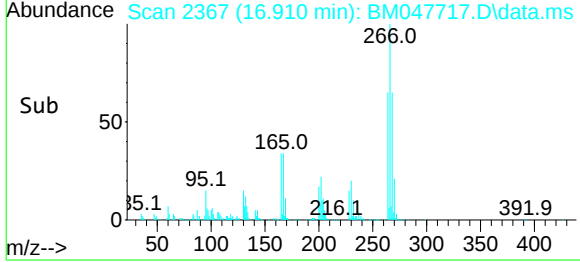
Instrument :
BNA_M
ClientSampleId :
DDCB4



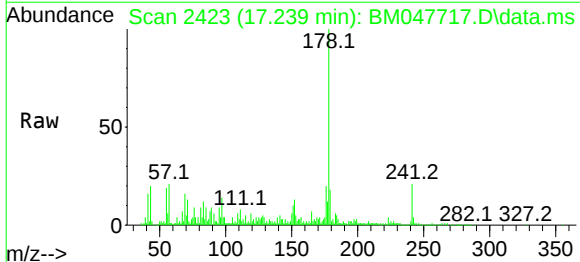
Tgt Ion:266 Resp:22181042
Ion Ratio Lower Upper
266 100
264 64.7 50.2 75.2
268 64.8 50.9 76.3

Manual Integrations
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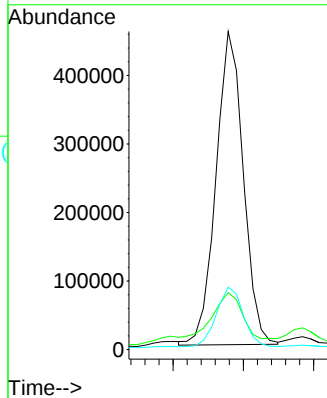
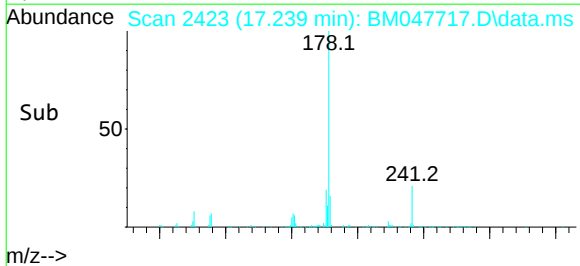
Reviewed By :Yogesh Patel 10/01/2024
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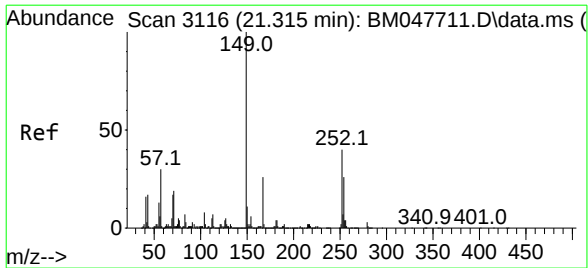


#72
Phenanthrene
Concen: 8.087 ng/u1
RT: 17.239 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BM047717.D
Acq: 30 Sep 2024 14:37



Tgt Ion:178 Resp: 617167
Ion Ratio Lower Upper
178 100
179 17.9 12.0 18.0
176 19.6 15.4 23.0





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.339 ng/ul
 RT: 21.315 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM047717.D
 Acq: 30 Sep 2024 14:37

Instrument :

BNA_M

ClientSampleId :

DDCB4

Tgt Ion:	149	Resp:	66807
Ion Ratio	Lower	Upper	
149	100		
167	37.6	21.3	31.9#
279	7.3	2.7	4.1#

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