

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047716.D
 Acq On : 30 Sep 2024 13:57
 Operator : RC/JU
 Sample : P4018-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCA1

Manual Integrations
 APPROVED

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

Quant Time: Sep 30 14:59:55 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	254069	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	973327	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.451	164	636919	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1148901	20.000	ng/ul	0.02
79) Chrysene-d12	21.409	240	1120452	20.000	ng/ul	0.00
88) Perylene-d12	24.421	264	1286460	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	9415	1.198	ng/uL	0.00
4) Pyridine-d5	3.710	84	21086m	0.916	ng/ul	0.04
7) Phenol-d5	6.987	99	158486	6.597	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.145	67	156858	9.201	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	117502	6.722	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	153209	8.577	ng/ul	-0.02
21) Nitrobenzene-d5	8.969	128	67278	8.681	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	72530	9.766	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	96596	6.511	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	242864	10.589	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	402889	8.725	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	469653	8.578	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	76754	8.348	ng/ul	0.00
60) Fluorene-d10	15.445	176	356096	8.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	41541	6.179	ng/ul	0.00
73) Anthracene-d10	17.298	188	466336	8.255	ng/ul	0.01
81) Pyrene-d10	19.568	212	489125	7.692	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	302420	4.531	ng/ul	0.00
Target Compounds						
23) Isophorone	9.539	82	800625	20.330	ng/ul#	84
29) 2,4-Dichlorophenol	10.257	162	28038	1.830	ng/ul#	78
30) Naphthalene	10.663	128	1020118	18.221	ng/ul	98
36) 2-Methylnaphthalene	12.275	142	2121733	59.644	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	1345634	37.180	ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	42671	3.557	ng/ul	95
43) 1,1'-Biphenyl	13.280	154	239420	4.695	ng/ul#	92
52) Acenaphthene	14.516	153	70323	1.611	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.092	232	4466852	431.980	ng/ul#	93
61) Fluorene	15.498	166	210220	4.289	ng/ul#	90
71) Pentachlorophenol	16.921	266	26334743m	3005.066	ng/ul	
72) Phenanthrene	17.245	178	718404	10.663	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.315	149	49623	1.122	ng/ul#	75

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

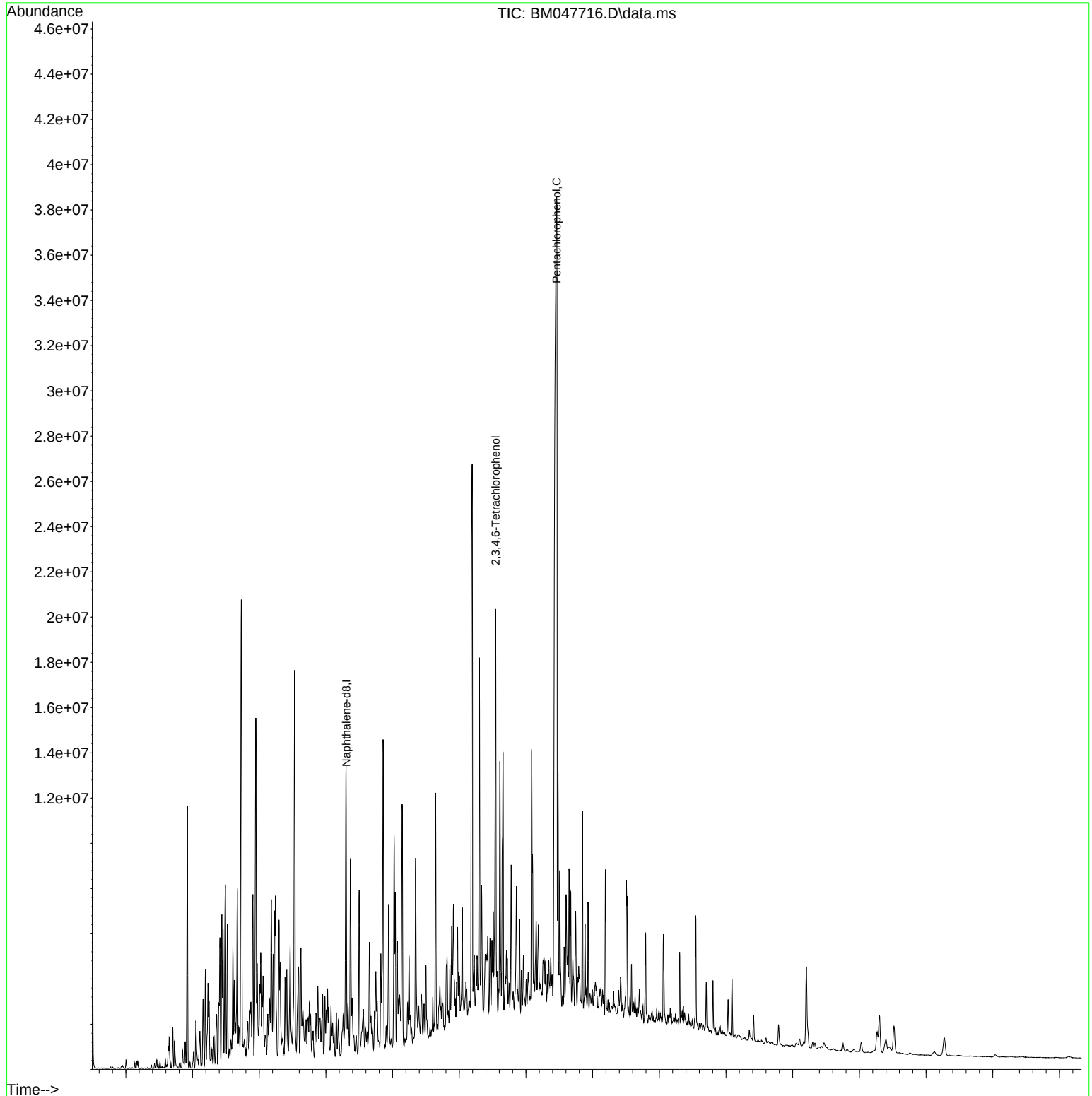
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047716.D
Acq On : 30 Sep 2024 13:57
Operator : RC/JU
Sample : P4018-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

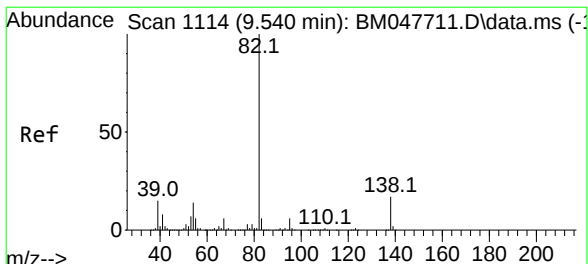
Instrument :
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Supervised By :mohammad ahmed 10/01/2024

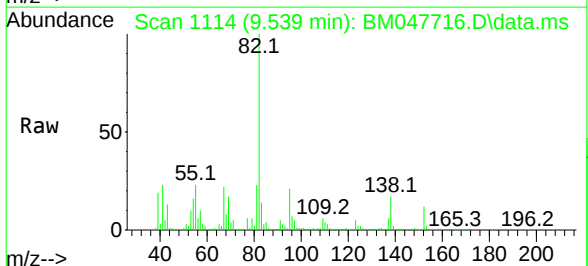
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
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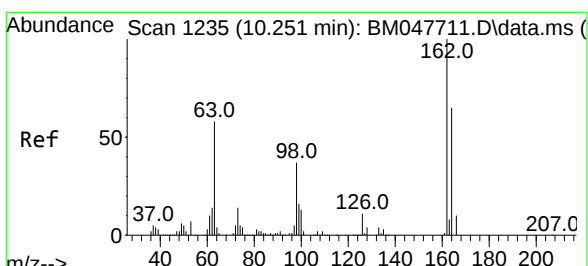
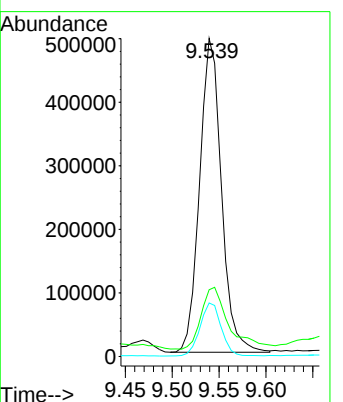
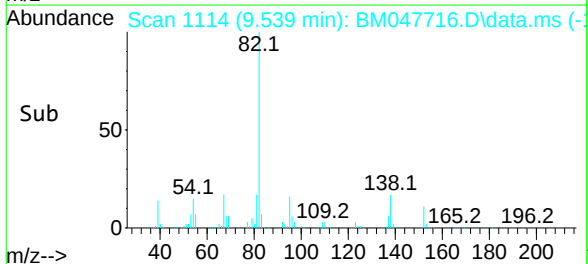
#23
Isophorone
Concen: 20.330 ng/u1
RT: 9.539 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

Instrument : BNA_M
ClientSampleId : DDCA1

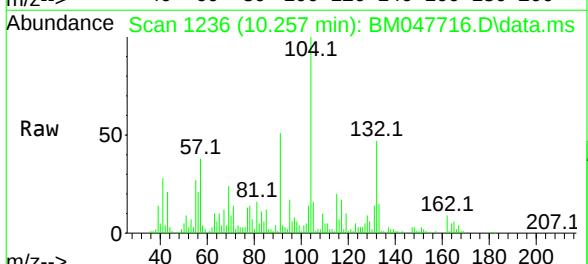


Tgt Ion:	82	Resp:	800625
Ion	Ratio	Lower	Upper
82	100		
95	21.0	4.9	7.3#
138	16.8	12.0	18.0

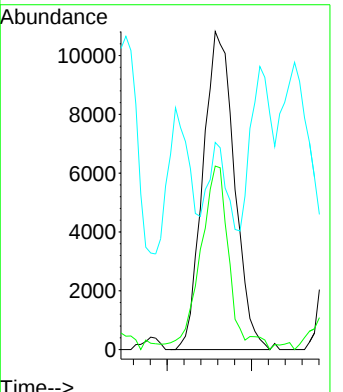
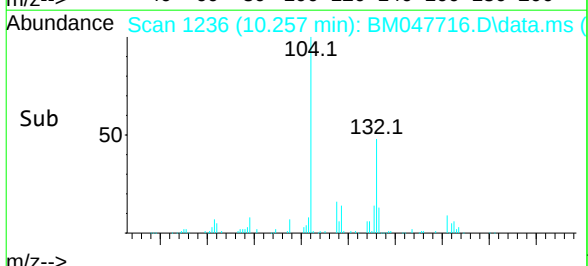
Manual Integrations
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Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

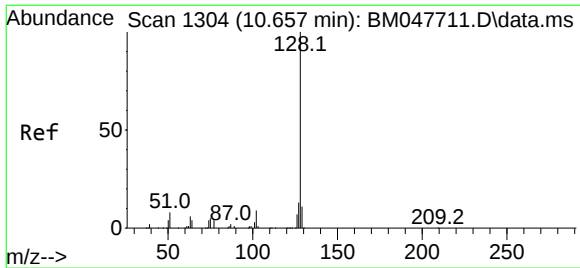


#29
2,4-Dichlorophenol
Concen: 1.830 ng/u1
RT: 10.257 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57



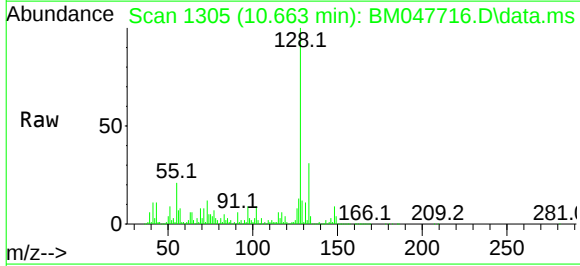
Tgt Ion:	162	Resp:	28038
Ion	Ratio	Lower	Upper
162	100		
164	57.7	52.2	78.2
98	65.1	30.6	46.0#





#30
Naphthalene
Concen: 18.221 ng/u1
RT: 10.663 min Scan# 13
Delta R.T. -0.000 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

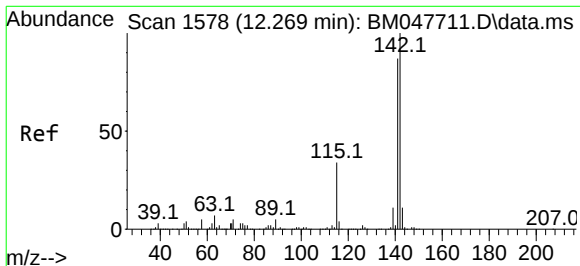
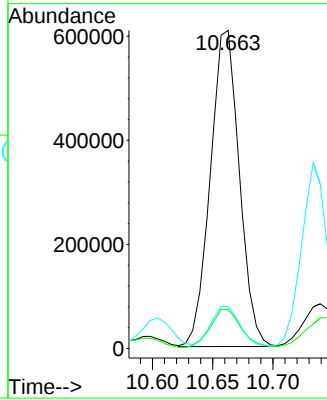
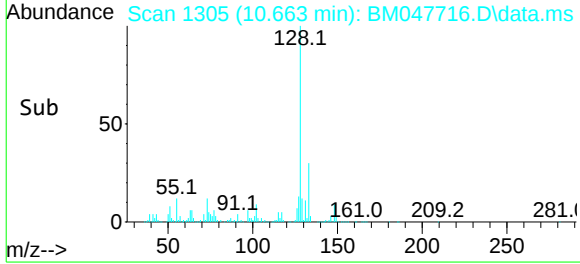
Instrument :
BNA_M
ClientSampleId :
DDCA1



Tgt Ion:128 Resp: 1020118
Ion Ratio Lower Upper
128 100
129 12.3 8.6 12.8
127 13.1 10.4 15.6

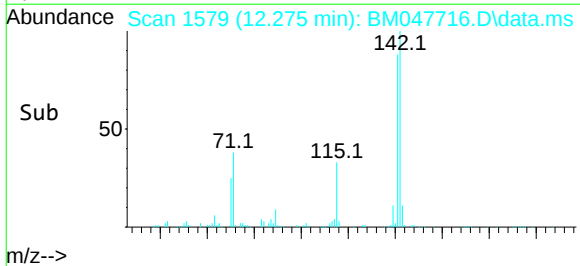
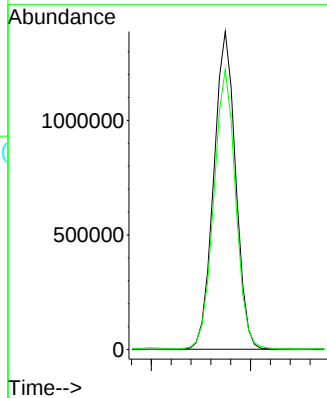
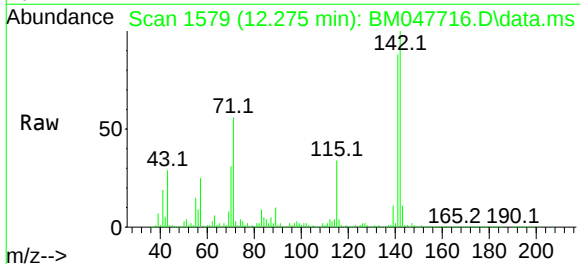
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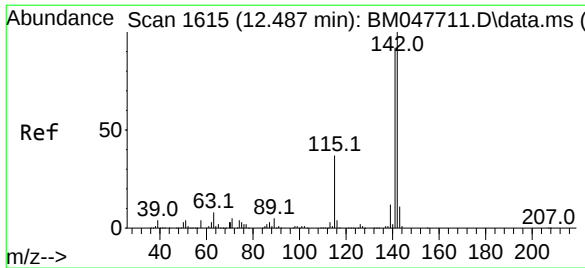
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 59.644 ng/u1
RT: 12.275 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

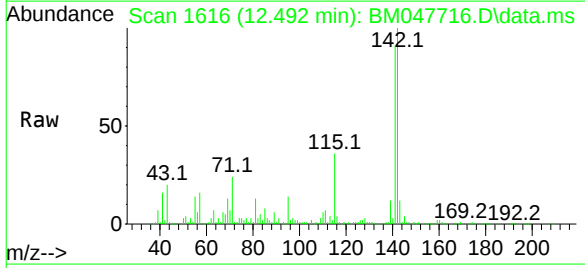
Tgt Ion:142 Resp: 2121733
Ion Ratio Lower Upper
142 100
141 88.1 72.5 108.7





#37
1-Methylnaphthalene
Concen: 37.180 ng/u1
RT: 12.492 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

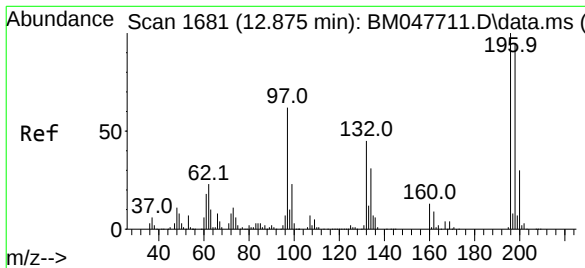
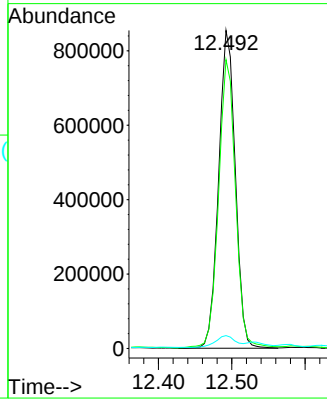
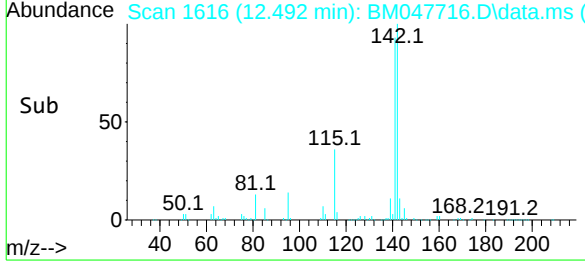
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1345634
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2
116 4.0 3.0 4.6

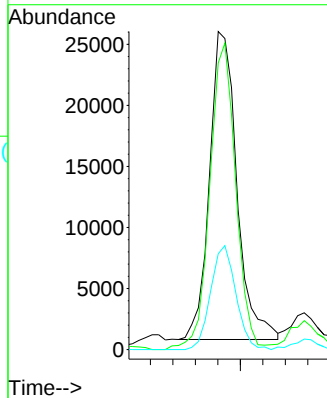
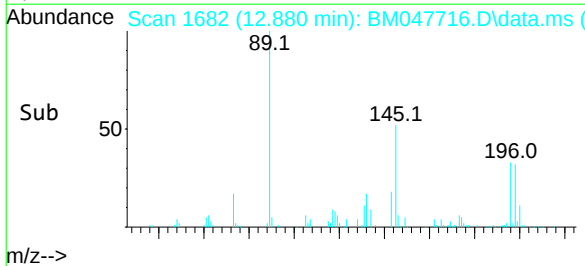
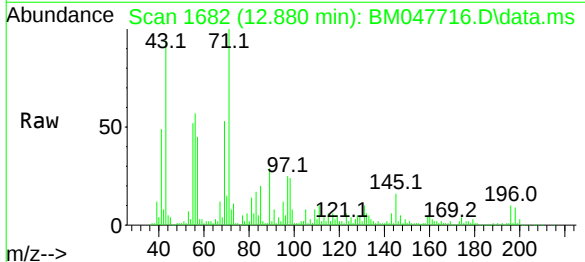
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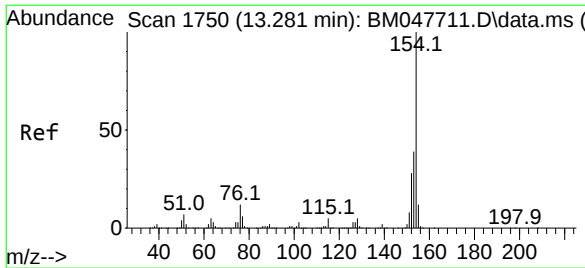
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#41
2,4,6-Trichlorophenol
Concen: 3.557 ng/u1
RT: 12.880 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

Tgt Ion:196 Resp: 42671
Ion Ratio Lower Upper
196 100
198 90.1 77.1 115.7
200 30.1 24.5 36.7





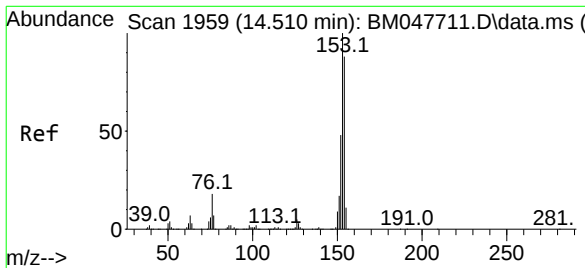
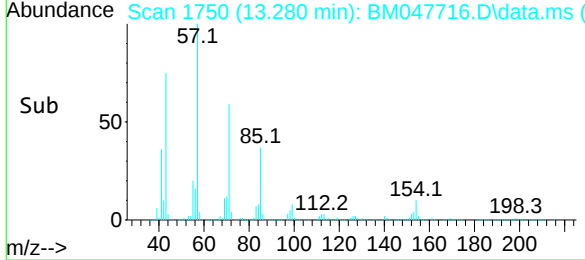
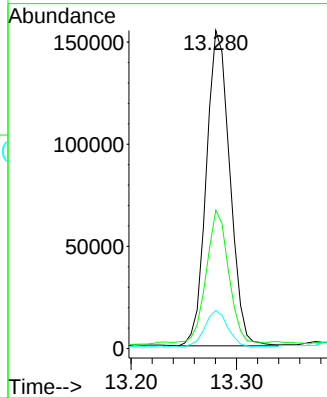
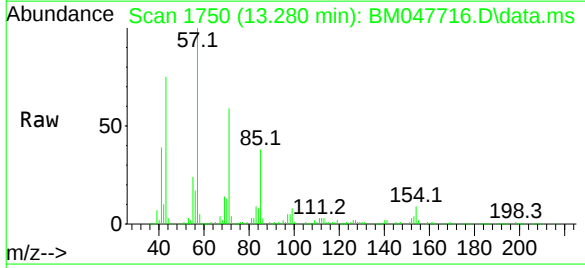
#43
1,1'-Biphenyl
Concen: 4.695 ng/u1
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

Instrument :
BNA_M
ClientSampleId :
DDCA1

Tgt Ion:	154	Resp:	239420
Ion Ratio	Lower	Upper	
154	100		
153	43.5	31.1	46.7
76	12.0	12.1	18.1

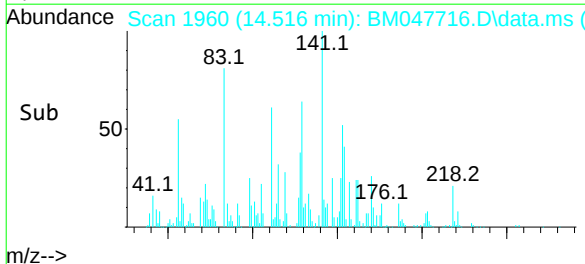
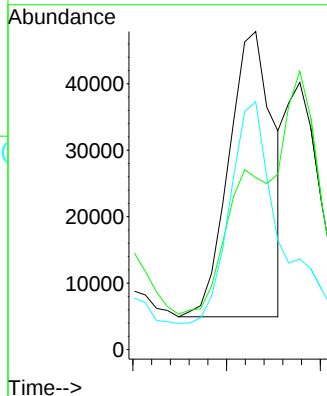
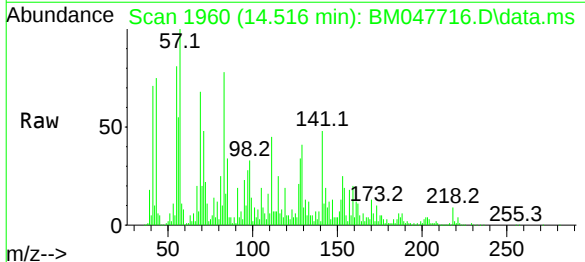
Manual Integrations
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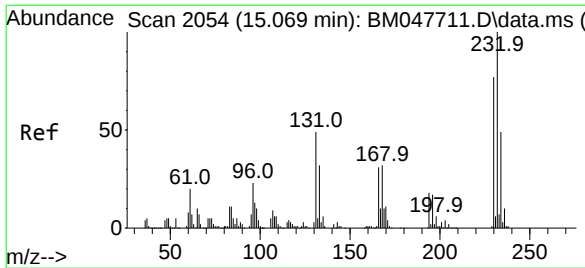
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#52
Acenaphthene
Concen: 1.611 ng/u1
RT: 14.516 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

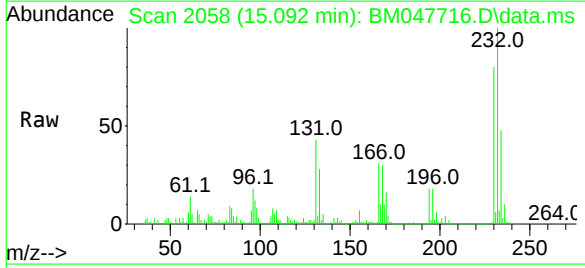
Tgt Ion:	153	Resp:	70323
Ion Ratio	Lower	Upper	
153	100		
152	54.1	39.7	59.5
154	77.9	72.6	108.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 431.980 ng/u1
RT: 15.092 min Scan# 2058
Delta R.T. 0.023 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57

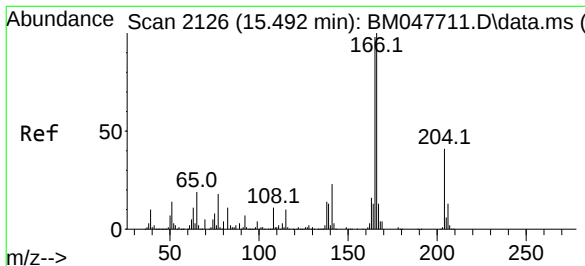
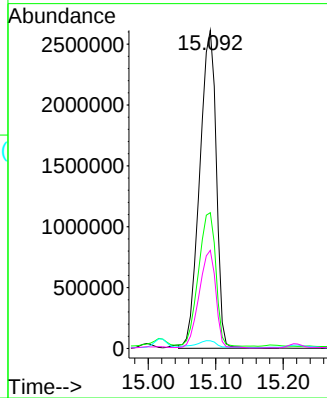
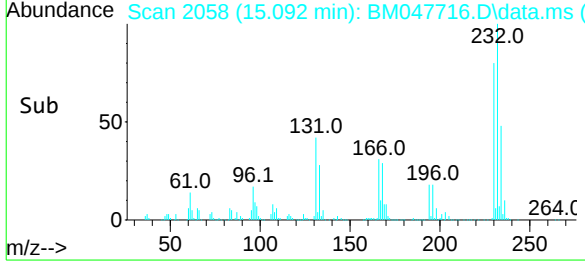
Instrument :
BNA_M
ClientSampleId :
DDCA1



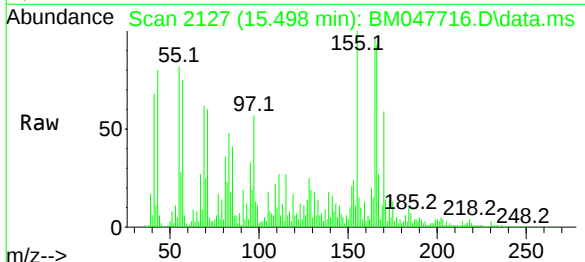
Tgt Ion:232 Resp: 4466852
Ion Ratio Lower Upper
232 100
131 42.7 40.2 60.4
130 2.4 2.6 4.0#
166 30.9 25.3 37.9

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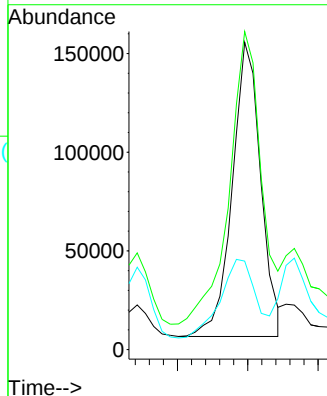
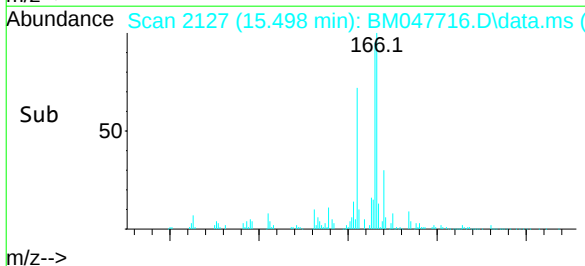
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

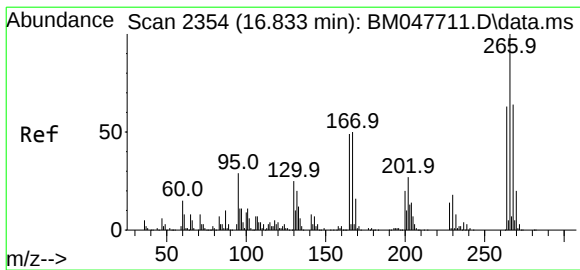


#61
Fluorene
Concen: 4.289 ng/u1
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM047716.D
Acq: 30 Sep 2024 13:57



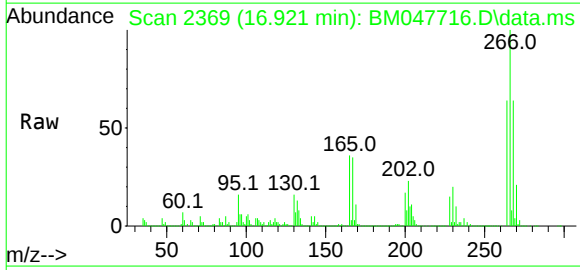
Tgt Ion:166 Resp: 210220
Ion Ratio Lower Upper
166 100
165 103.5 77.8 116.6
167 28.8 10.8 16.2#





#71
 Pentachlorophenol
 Concen: 3005.066 ng/u1 m
 RT: 16.921 min Scan# 2354
 Delta R.T. 0.082 min
 Lab File: BM047716.D
 Acq: 30 Sep 2024 13:57

Instrument :
 BNA_M
 ClientSampleId :
 DDCA1

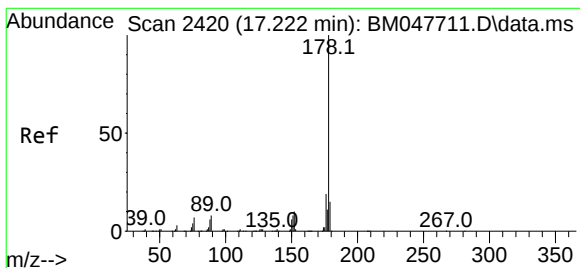
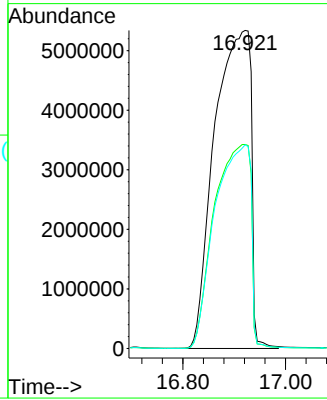
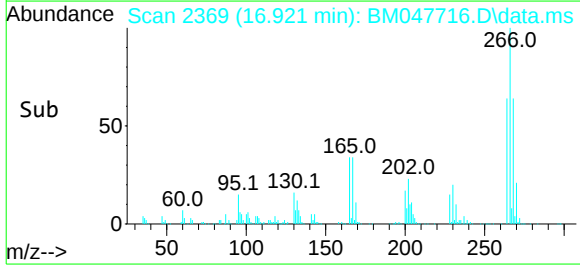


Tgt Ion: 266 Resp: 26334743

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.2	75.2
268	64.0	50.9	76.3

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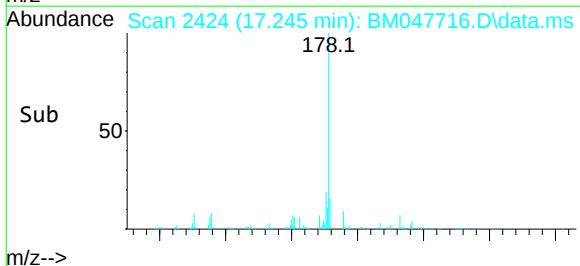
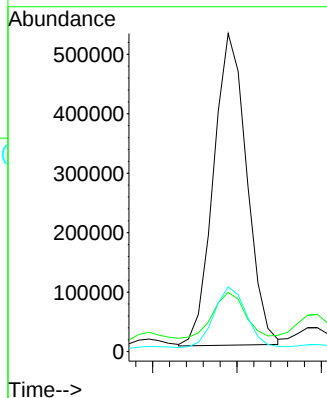
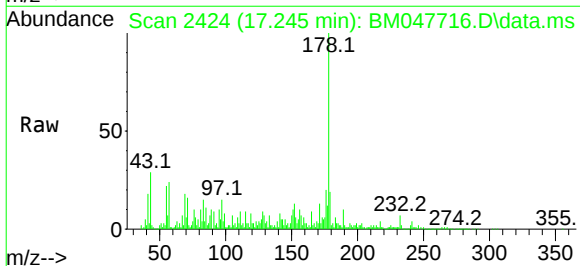
Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

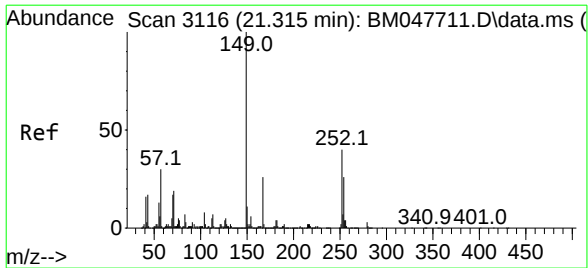


#72
 Phenanthrene
 Concen: 10.663 ng/u1
 RT: 17.245 min Scan# 2424
 Delta R.T. 0.018 min
 Lab File: BM047716.D
 Acq: 30 Sep 2024 13:57

Tgt Ion: 178 Resp: 718404

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.0	18.0#
176	20.4	15.4	23.0





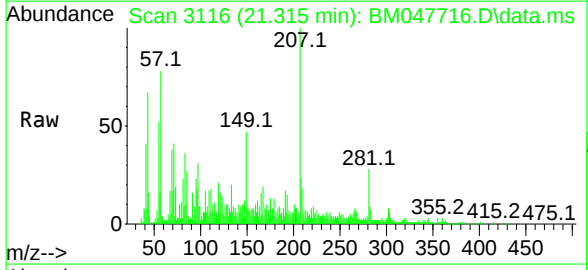
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.122 ng/ul
 RT: 21.315 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: BM047716.D
 Acq: 30 Sep 2024 13:57

Instrument :

BNA_M

ClientSampleId :

DDCA1



Tgt Ion:	149	Resp:	49623
Ion Ratio	Lower	Upper	
149	100		
167	39.9	21.3	31.9#
279	9.1	2.7	4.1#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/01/2024

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