

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047731.D
 Acq On : 01 Oct 2024 00:29
 Operator : RC/JU
 Sample : P4018-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCB5

Manual Integrations
 APPROVED

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

Quant Time: Oct 01 01:17:51 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	298325	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1038739	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.451	164	732386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1324542	20.000	ng/ul	0.02
79) Chrysene-d12	21.403	240	1335329	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1546418	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	27246	2.951	ng/uL	0.00
4) Pyridine-d5	3.681	84	229211	8.480	ng/ul	0.00
7) Phenol-d5	6.981	99	534374	18.943	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.139	67	373641	18.666	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	428537	20.880	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	371514	17.713	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	208569	25.218	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	213743	26.969	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	393029	24.824	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	383041	15.649	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1094665	20.616	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1361991	21.634	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	306810	29.021	ng/ul	0.01
60) Fluorene-d10	15.445	176	967920	21.045	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	120629	15.563	ng/ul	0.00
73) Anthracene-d10	17.304	188	1346661	20.677	ng/ul	0.02
81) Pyrene-d10	19.568	212	1697453	22.398	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.203	264	1815127	22.623	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.657	128	1363262	22.816	ng/ul	Qvalue 98
36) 2-Methylnaphthalene	12.274	142	2198151	57.901	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	1380960	35.753	ng/ul	98
41) 2,4,6-Trichlorophenol	12.880	196	45777	3.319	ng/ul	94
43) 1,1'-Biphenyl	13.280	154	257673	4.394	ng/ul	90
52) Acenaphthene	14.510	153	77086	1.536	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.098	232	6807416m	572.518	ng/ul	
61) Fluorene	15.498	166	191839	3.404	ng/ul#	87
71) Pentachlorophenol	16.933	266	29226936m	2892.845	ng/ul	
72) Phenanthrene	17.245	178	730384	9.403	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.315	149	81134	1.539	ng/ul#	76

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

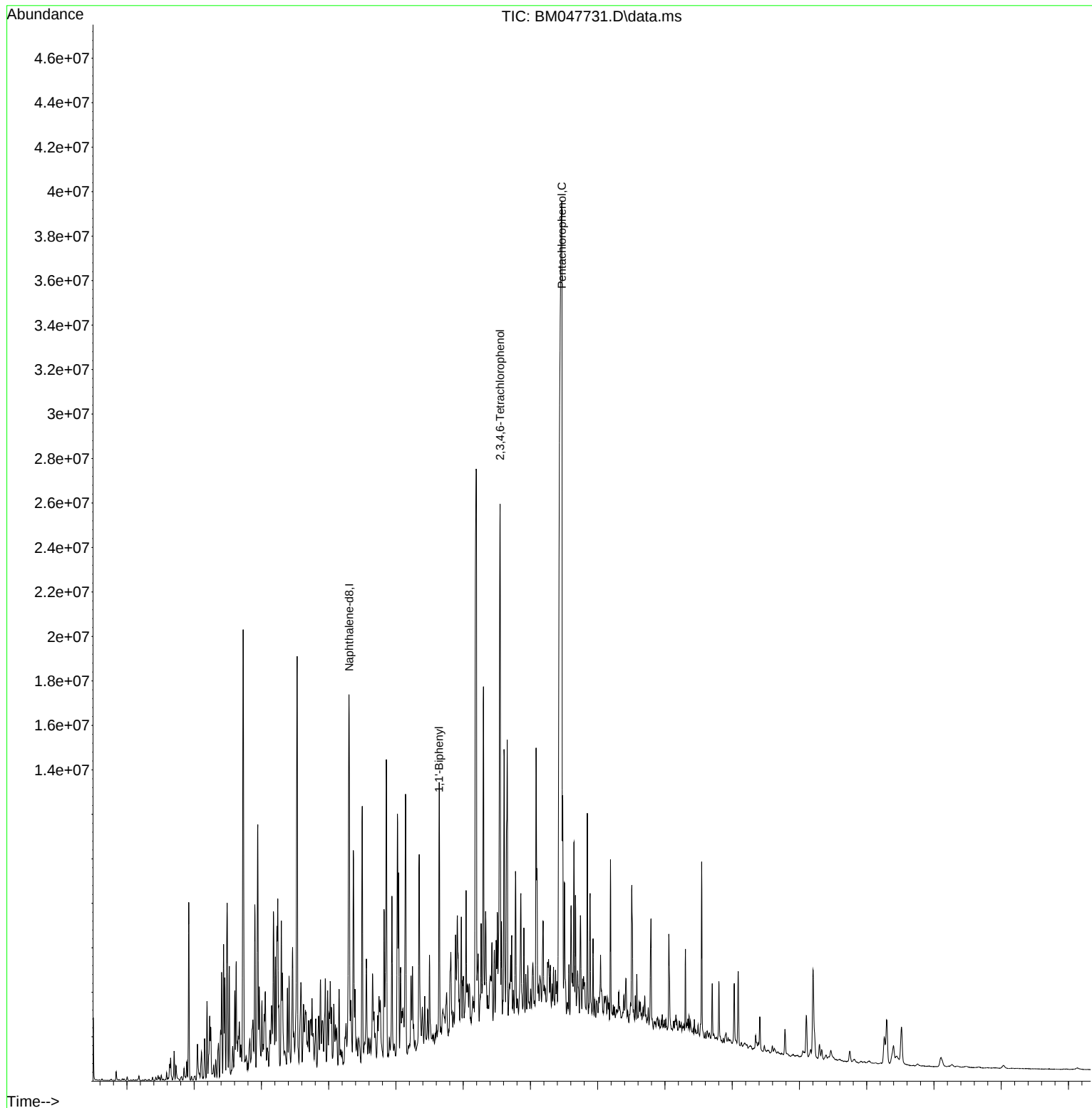
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047731.D
Acq On : 01 Oct 2024 00:29
Operator : RC/JU
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ALS Vial : 21 Sample Multiplier: 1

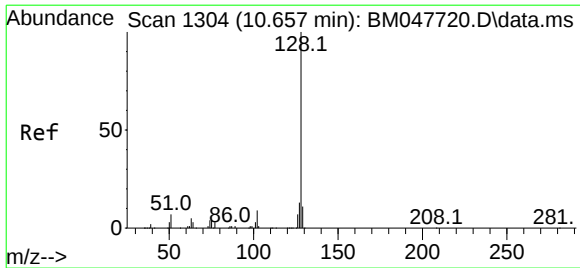
Instrument :
BNA_M
ClientSampleId :
DDCB5

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Supervised By :mohammad ahmed 10/01/2024

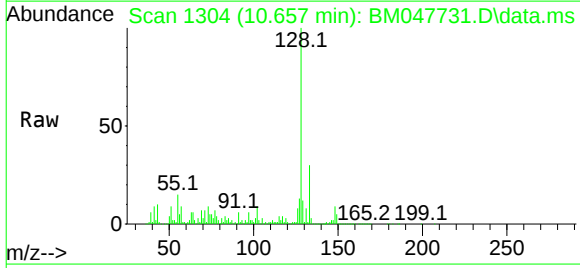
Quant Time: Oct 01 01:17:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 22.816 ng/u1
RT: 10.657 min Scan# 13
Delta R.T. -0.006 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

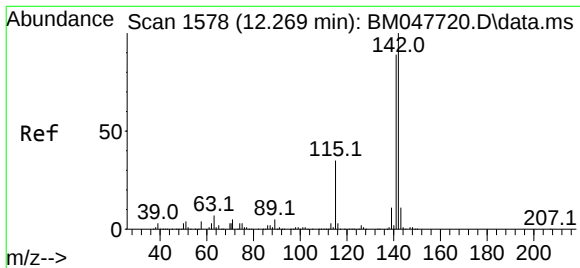
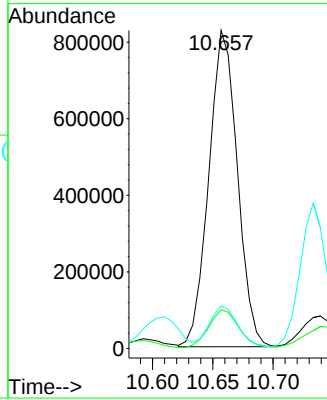
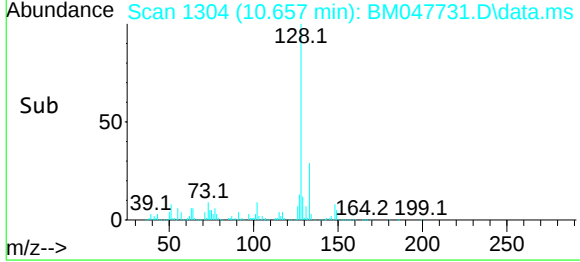
Instrument :
BNA_M
ClientSampleId :
DDCB5



Tgt Ion:128 Resp: 1363262
Ion Ratio Lower Upper
128 100
129 12.2 8.6 12.8
127 13.4 10.4 15.6

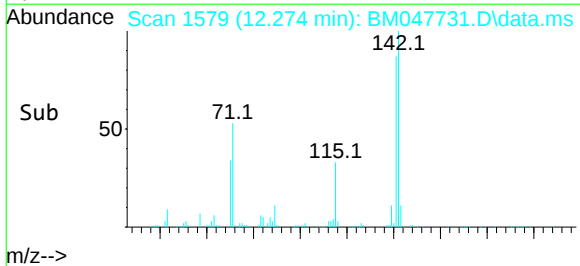
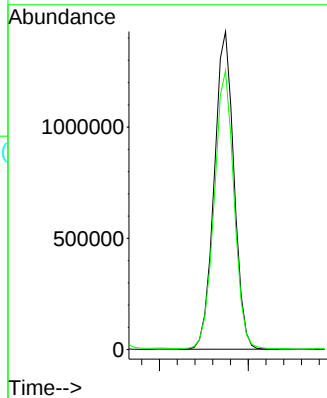
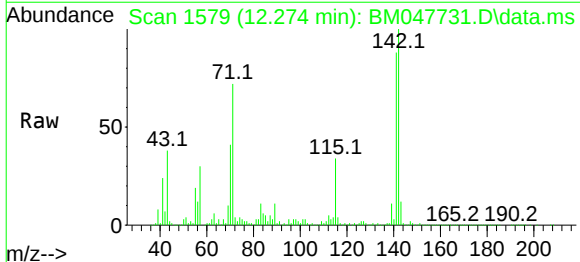
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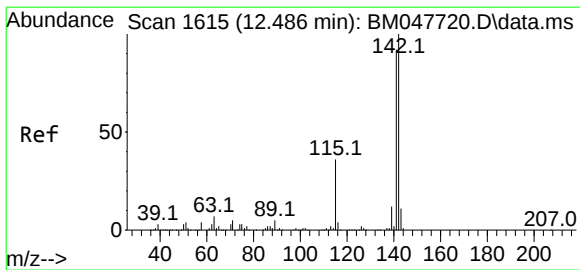
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 57.901 ng/u1
RT: 12.274 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

Tgt Ion:142 Resp: 2198151
Ion Ratio Lower Upper
142 100
141 87.7 72.5 108.7





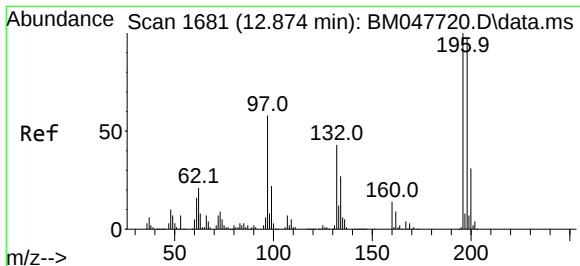
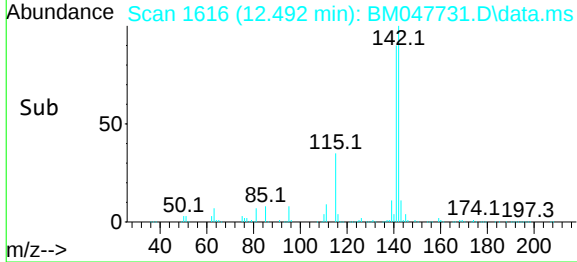
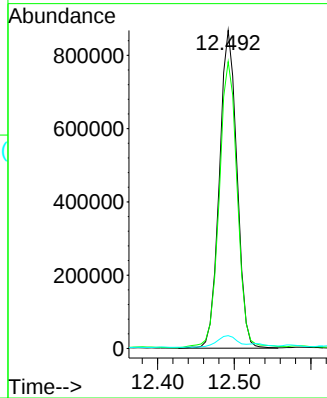
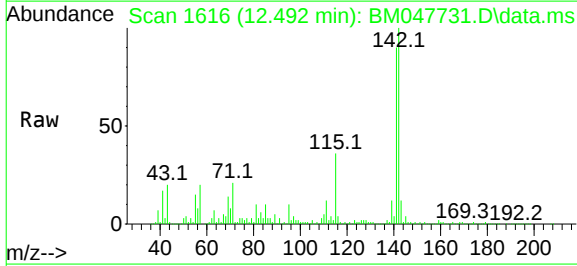
#37
1-Methylnaphthalene
Concen: 35.753 ng/u1
RT: 12.492 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

Instrument :
BNA_M
ClientSampleId :
DDCB5

Tgt Ion:142 Resp: 1380960
Ion Ratio Lower Upper
142 100
141 90.2 73.4 110.2
116 4.0 3.0 4.6

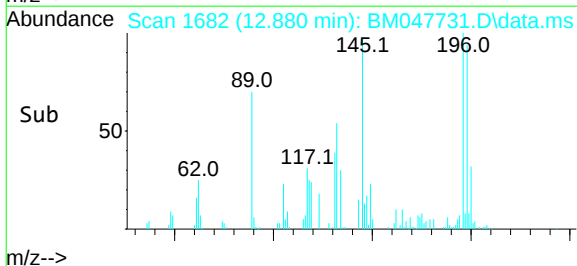
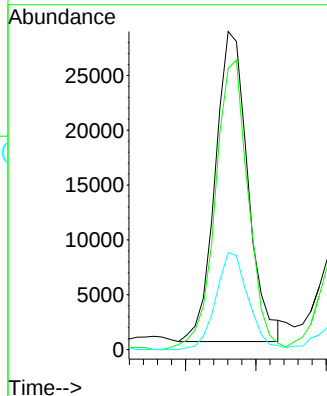
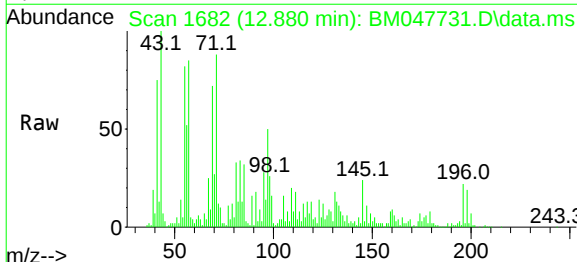
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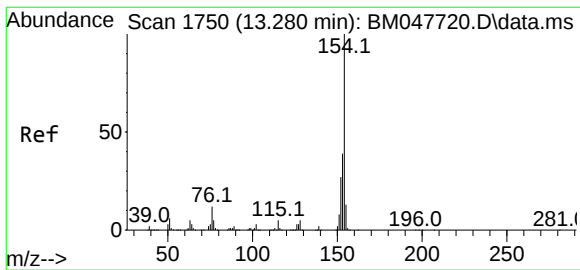
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#41
2,4,6-Trichlorophenol
Concen: 3.319 ng/u1
RT: 12.880 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

Tgt Ion:196 Resp: 45777
Ion Ratio Lower Upper
196 100
198 88.4 77.1 115.7
200 30.5 24.5 36.7





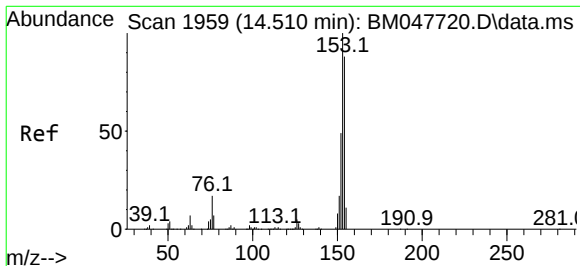
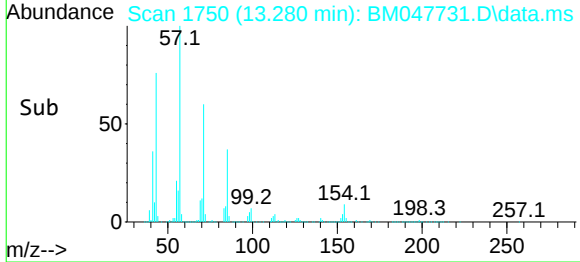
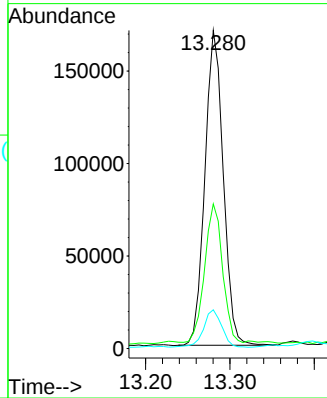
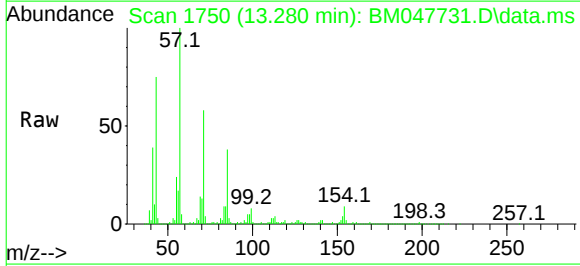
#43
1,1'-Biphenyl
Concen: 4.394 ng/u1
RT: 13.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

Instrument :
BNA_M
ClientSampleId :
DDCB5

Tgt Ion:	154	Resp:	257673
Ion Ratio	Lower	Upper	
154	100		
153	45.5	31.1	46.7
76	12.2	12.1	18.1

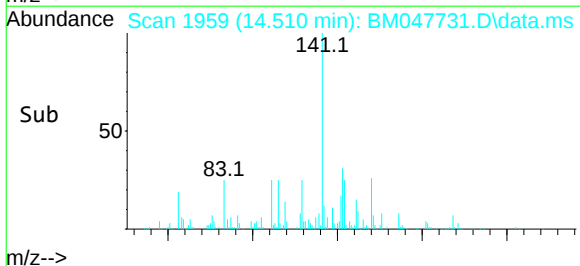
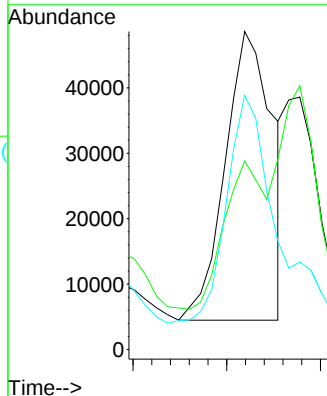
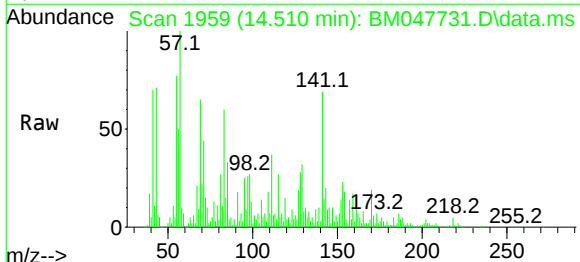
Manual Integrations
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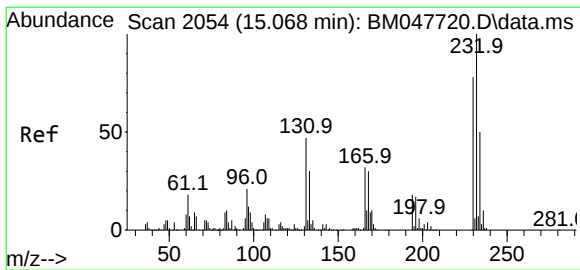
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#52
Acenaphthene
Concen: 1.536 ng/u1
RT: 14.510 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

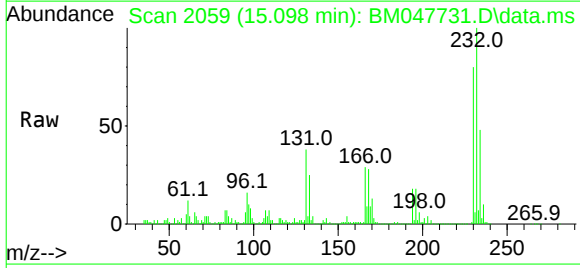
Tgt Ion:	153	Resp:	77086
Ion Ratio	Lower	Upper	
153	100		
152	59.3	39.7	59.5
154	79.9	72.6	108.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 572.518 ng/ul m
RT: 15.098 min Scan# 2054
Delta R.T. 0.029 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29

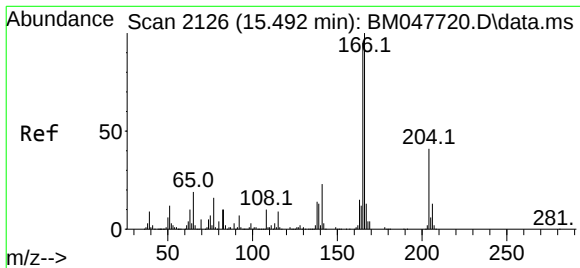
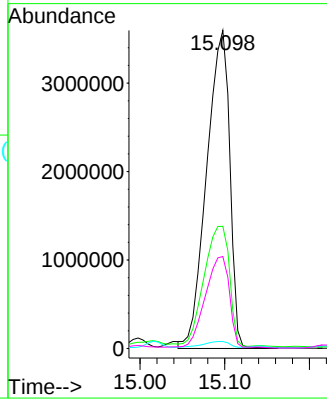
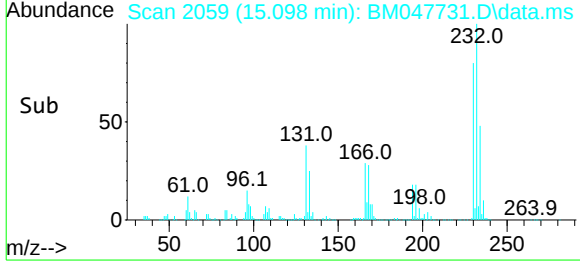
Instrument :
BNA_M
ClientSampleId :
DDCB5



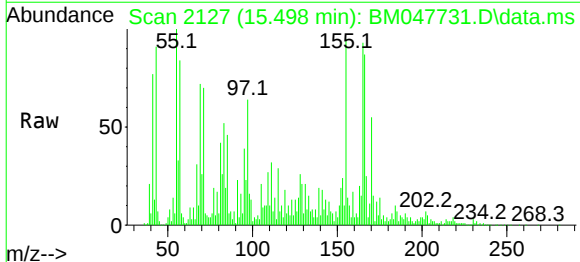
Tgt Ion:232 Resp: 6807416
Ion Ratio Lower Upper
232 100
131 38.4 40.2 60.4#
130 2.2 2.6 4.0#
166 28.9 25.3 37.9

Manual Integrations
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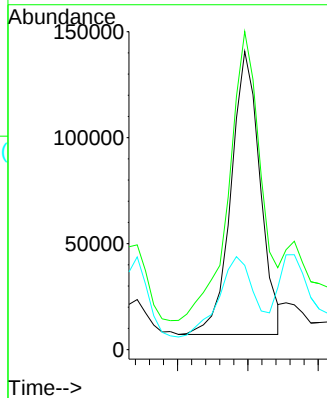
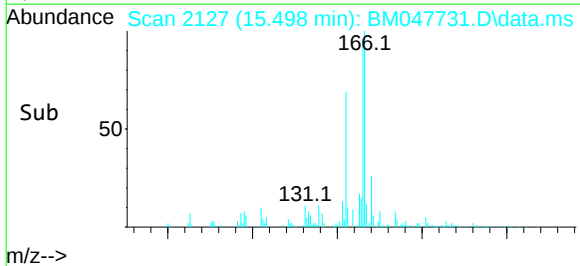
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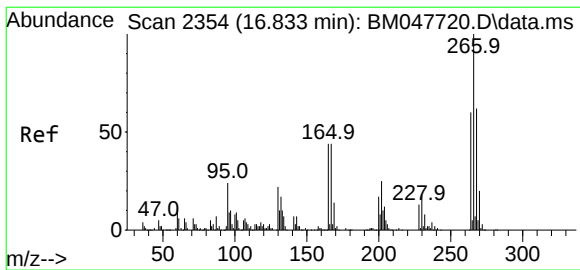


#61
Fluorene
Concen: 3.404 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM047731.D
Acq: 01 Oct 2024 00:29



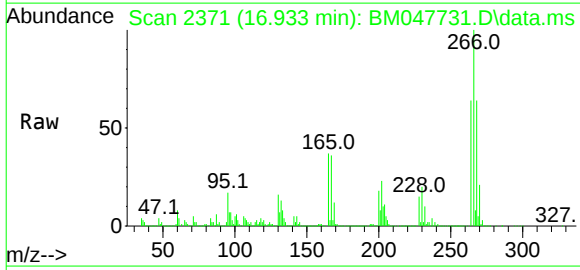
Tgt Ion:166 Resp: 191839
Ion Ratio Lower Upper
166 100
165 106.6 77.8 116.6
167 28.2 10.8 16.2#





#71
 Pentachlorophenol
 Concen: 2892.845 ng/ul m
 RT: 16.933 min Scan# 23
 Delta R.T. 0.094 min
 Lab File: BM047731.D
 Acq: 01 Oct 2024 00:29

Instrument :
 BNA_M
 ClientSampleId :
 DDCB5

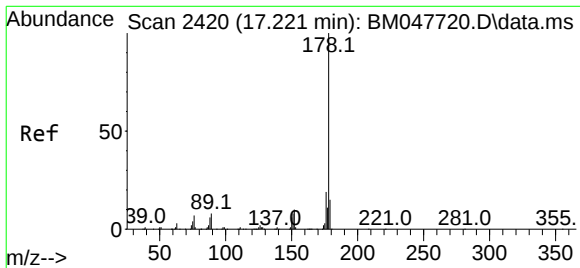
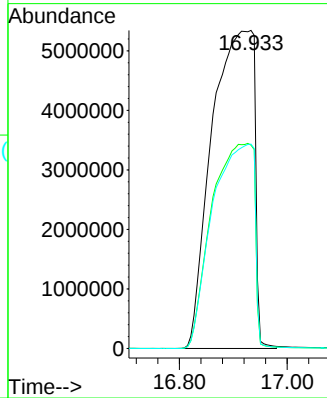
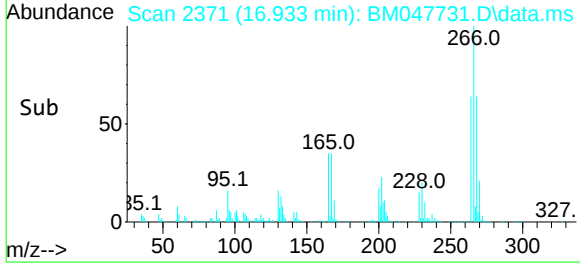


Tgt Ion: 266 Resp: 29226936

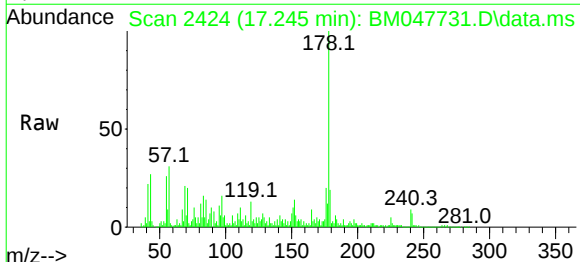
Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.2	75.2
268	64.3	50.9	76.3

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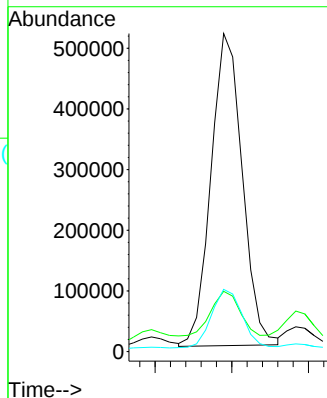
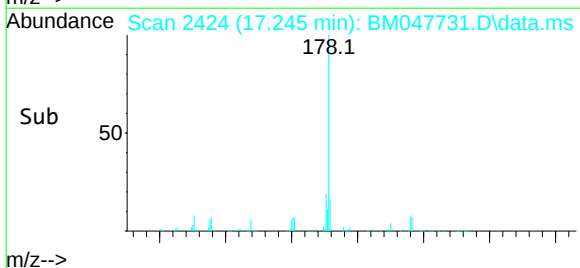


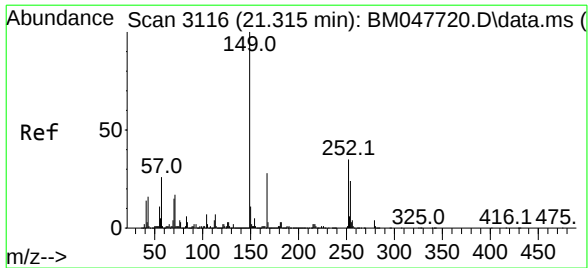
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 Phenanthrene
 Concen: 9.403 ng/ul
 RT: 17.245 min Scan# 2424
 Delta R.T. 0.017 min
 Lab File: BM047731.D
 Acq: 01 Oct 2024 00:29



Tgt Ion: 178 Resp: 730384

Ion	Ratio	Lower	Upper
178	100		
179	18.9	12.0	18.0#
176	19.6	15.4	23.0





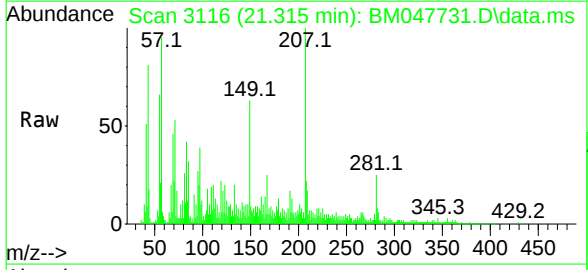
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.539 ng/ul
 RT: 21.315 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM047731.D
 Acq: 01 Oct 2024 00:29

Instrument :

BNA_M

ClientSampleId :

DDCB5



Tgt Ion:	149	Resp:	81134
Ion Ratio	Lower	Upper	
149	100		
167	39.8	21.3	31.9#
279	7.7	2.7	4.1#

Manual Integrations

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