

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
 Data File : BM047733.D
 Acq On : 01 Oct 2024 01:48
 Operator : RC/JU
 Sample : P4018-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCK3

Quant Time: Oct 01 04:31:32 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	307345	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	1022643	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.451	164	771566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	1370498	20.000	ng/ul	0.03
79) Chrysene-d12	21.403	240	1369698	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1600997	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	39450	4.148	ng/uL	0.00
4) Pyridine-d5	3.681	84	357440	12.836	ng/ul	0.00
7) Phenol-d5	6.981	99	737654	25.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	518652	25.149	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	607663	28.738	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	573879	26.559	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	303569	37.283	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	321049	41.145	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	574096	36.831	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	431284	17.897	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1535251	27.445	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1918039	28.919	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	402871	36.173	ng/ul	0.02
60) Fluorene-d10	15.445	176	1345708	27.773	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	179501	22.382	ng/ul	0.00
73) Anthracene-d10	17.304	188	1884382	27.963	ng/ul	0.02
81) Pyrene-d10	19.574	212	2330180	29.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	2574767	30.996	ng/ul	0.00
Target Compounds						
30) Naphthalene	10.657	128	1522803	25.888	ng/ul	98
36) 2-Methylnaphthalene	12.275	142	2446695	65.462	ng/ul	98
37) 1-Methylnaphthalene	12.492	142	1594615	41.935	ng/ul	99
41) 2,4,6-Trichlorophenol	12.886	196	66150	4.552	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	270444	4.378	ng/ul#	87
52) Acenaphthene	14.510	153	91436	1.729	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.104	232	8179154	652.953	ng/ul#	85
61) Fluorene	15.498	166	229326	3.862	ng/ul#	88
71) Pentachlorophenol	16.927	266	32963955m	3153.323	ng/ul	
72) Phenanthrene	17.251	178	900454	11.204	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.315	149	90916	1.681	ng/ul#	82

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

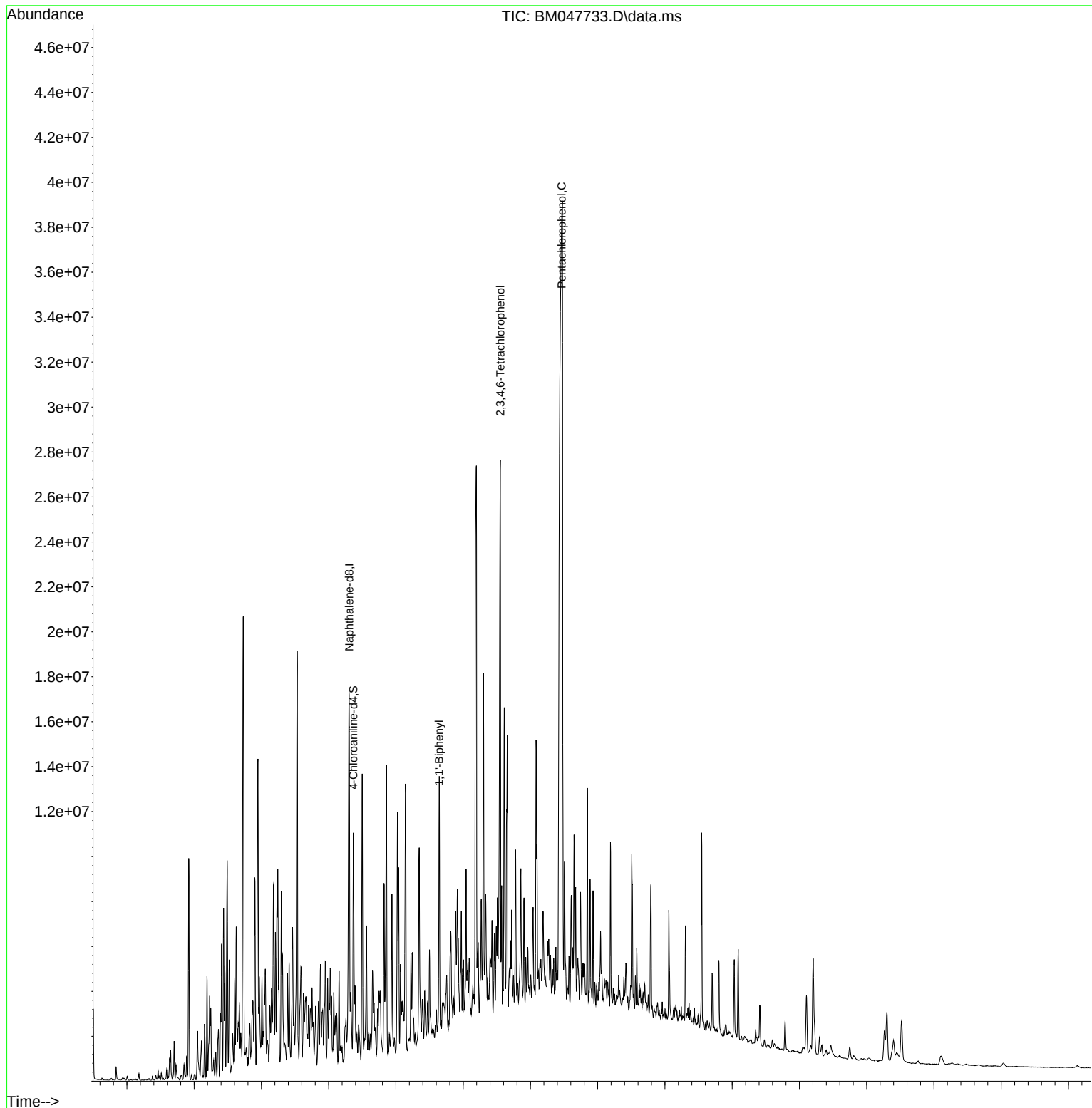
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093024\
Data File : BM047733.D
Acq On : 01 Oct 2024 01:48
Operator : RC/JU
Sample : P4018-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

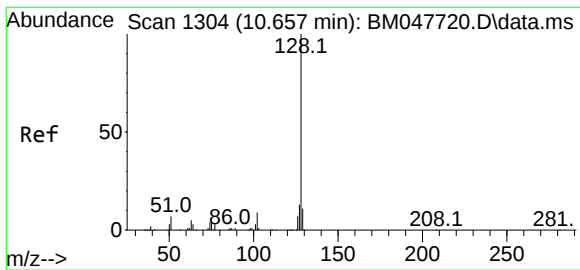
Instrument :
BNA_M
ClientSampleId :
DDCK3

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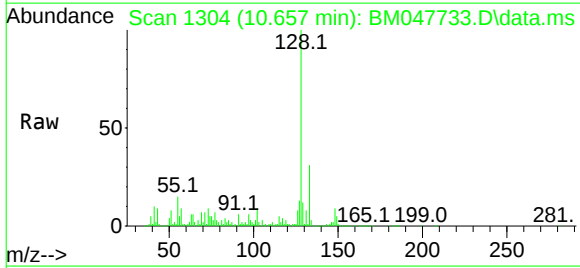
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Naphthalene
Concen: 25.888 ng/u1
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

Instrument :

BNA_M

ClientSampleId :

DDCK3



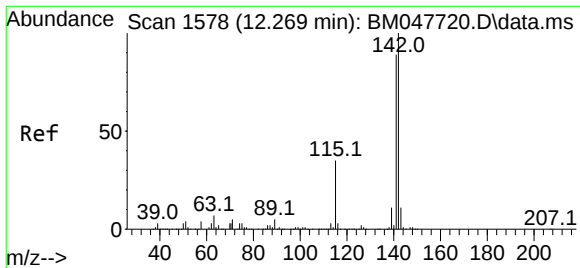
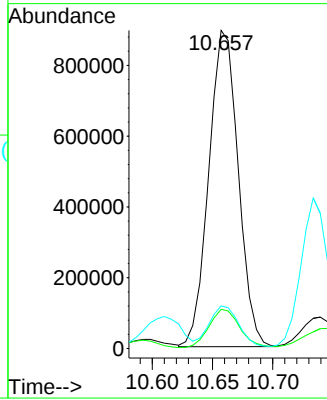
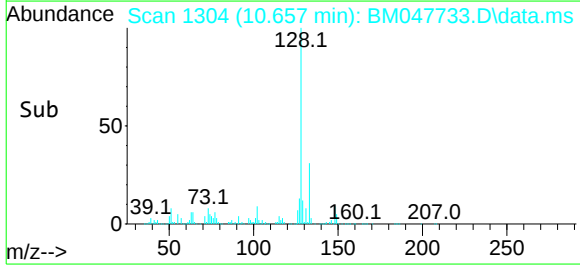
Tgt Ion:128 Resp: 1522803
Ion Ratio Lower Upper
128 100
129 12.3 8.6 12.8
127 13.4 10.4 15.6

Manual Integrations

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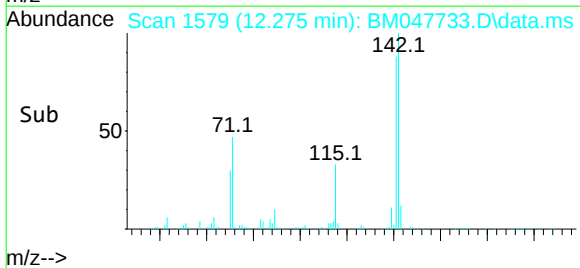
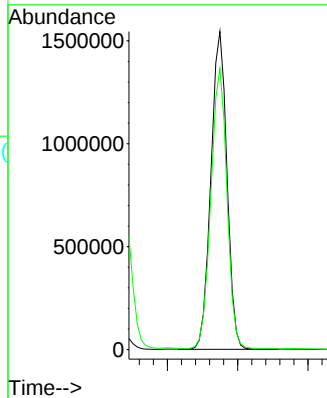
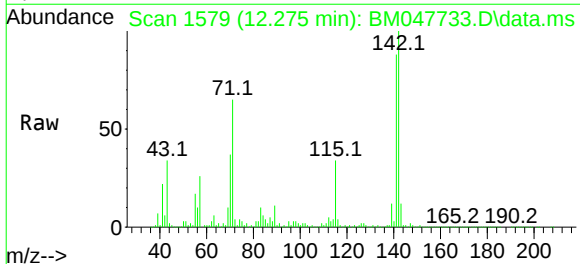
Reviewed By :Yogesh Patel 10/01/2024

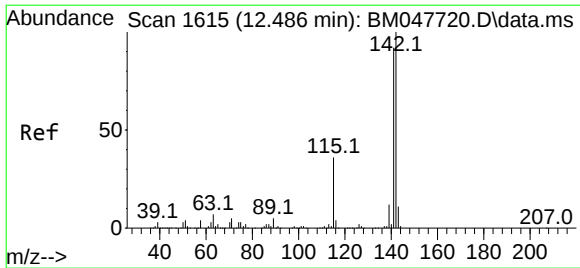
Supervised By :mohammad ahmed 10/01/2024



#36
2-Methylnaphthalene
Concen: 65.462 ng/u1
RT: 12.275 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

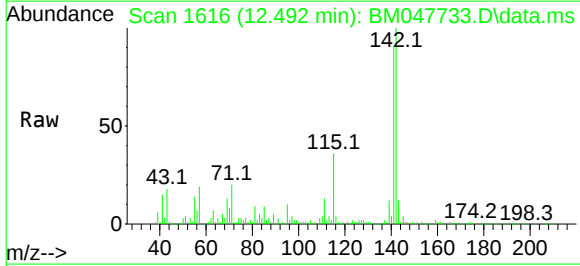
Tgt Ion:142 Resp: 2446695
Ion Ratio Lower Upper
142 100
141 88.4 72.5 108.7





#37
1-Methylnaphthalene
Concen: 41.935 ng/u1
RT: 12.492 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

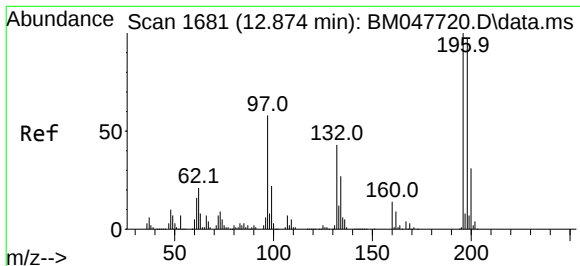
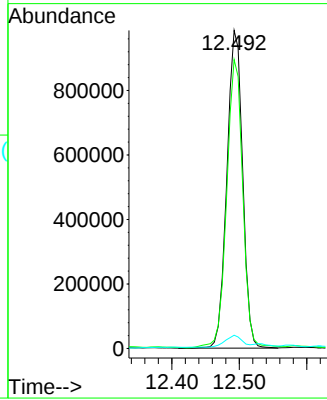
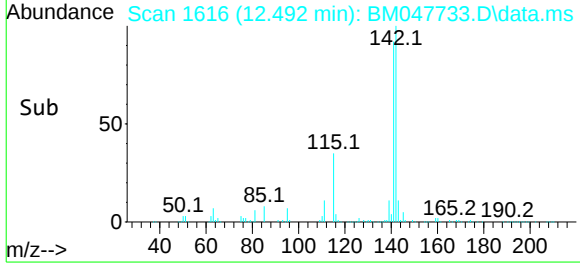
Instrument :
BNA_M
ClientSampleId :
DDCK3



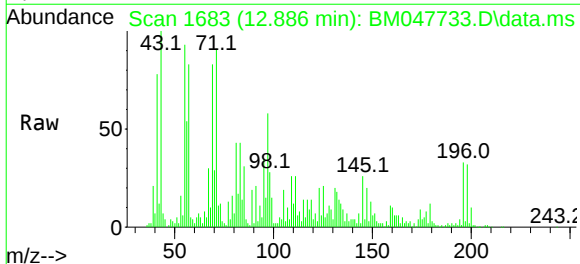
Tgt Ion:142 Resp: 1594615
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.2
116 4.2 3.0 4.6

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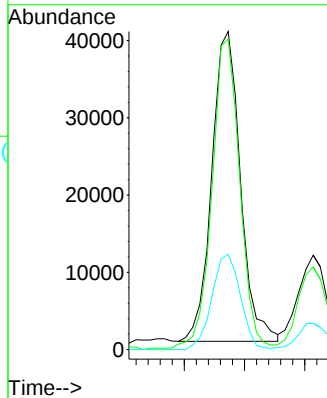
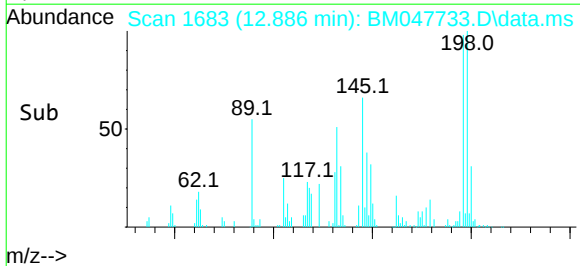
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

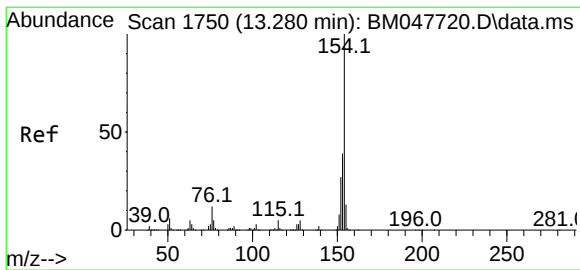


#41
2,4,6-Trichlorophenol
Concen: 4.552 ng/u1
RT: 12.886 min Scan# 1683
Delta R.T. 0.006 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48



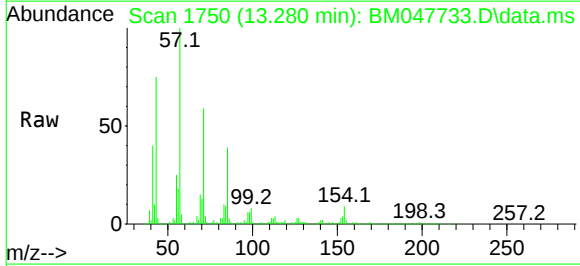
Tgt Ion:196 Resp: 66150
Ion Ratio Lower Upper
196 100
198 97.7 77.1 115.7
200 30.0 24.5 36.7





#43
1,1'-Biphenyl
Concen: 4.378 ng/u1
RT: 13.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

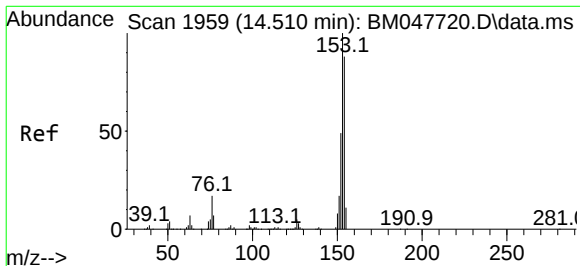
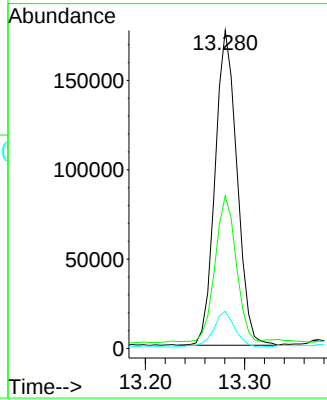
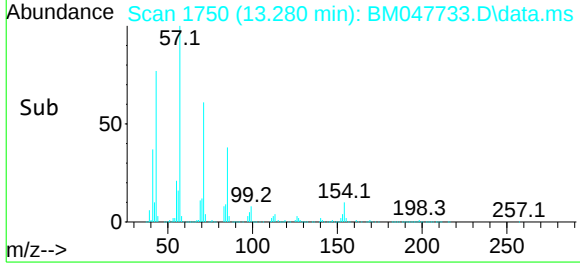
Instrument :
BNA_M
ClientSampleId :
DDCK3



Tgt Ion:154 Resp: 270444
Ion Ratio Lower Upper
154 100
153 48.0 31.1 46.7#
76 11.7 12.1 18.1#

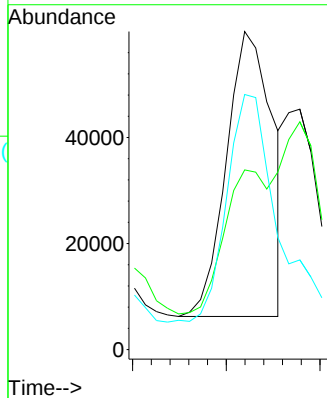
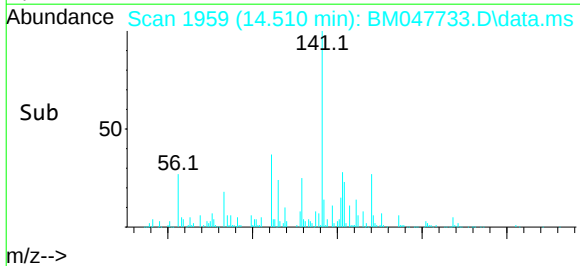
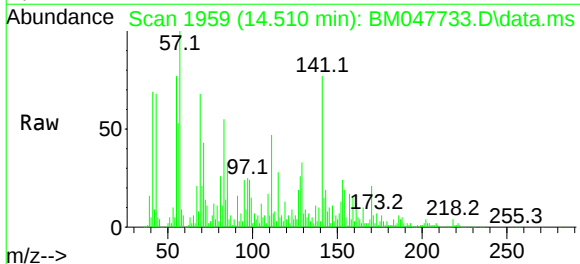
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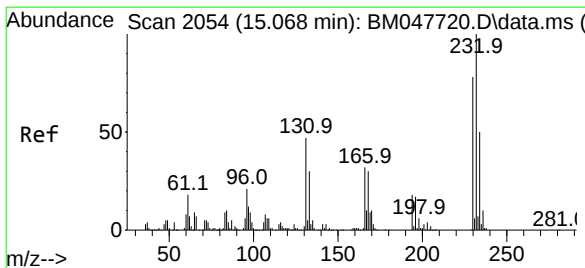
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#52
Acenaphthene
Concen: 1.729 ng/u1
RT: 14.510 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

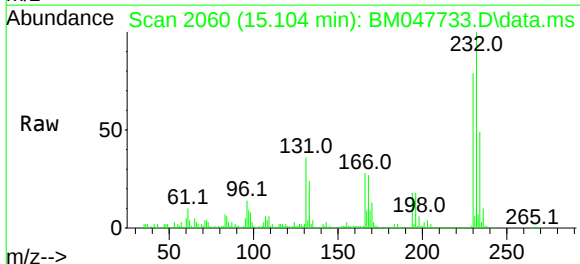
Tgt Ion:153 Resp: 91436
Ion Ratio Lower Upper
153 100
152 56.5 39.7 59.5
154 80.2 72.6 108.8





#58
2,3,4,6-Tetrachlorophenol
Concen: 652.953 ng/u1
RT: 15.104 min Scan# 2054
Delta R.T. 0.035 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

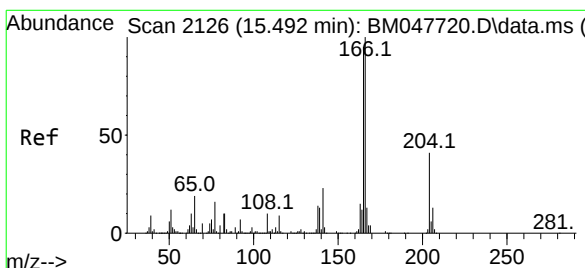
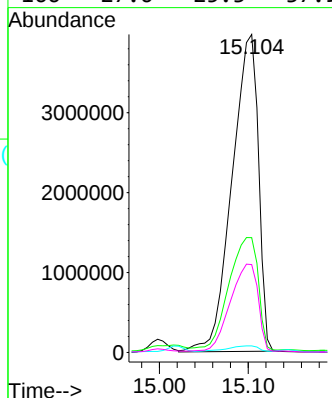
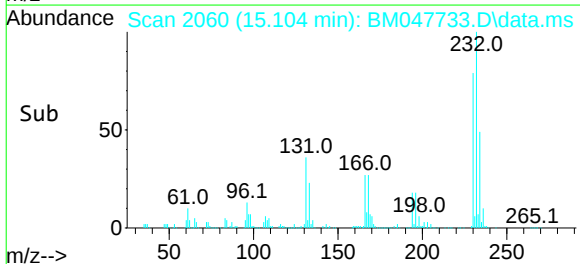
Instrument :
BNA_M
ClientSampleId :
DDCK3



Tgt Ion:232 Resp: 8179154
Ion Ratio Lower Upper
232 100
131 36.1 40.2 60.4#
130 2.1 2.6 4.0#
166 27.6 25.3 37.9

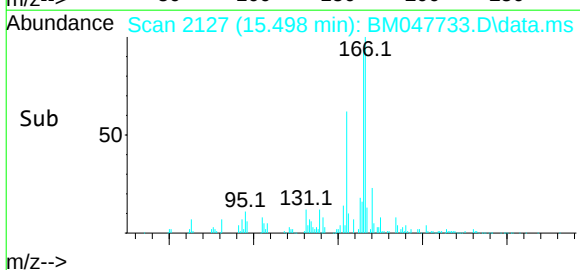
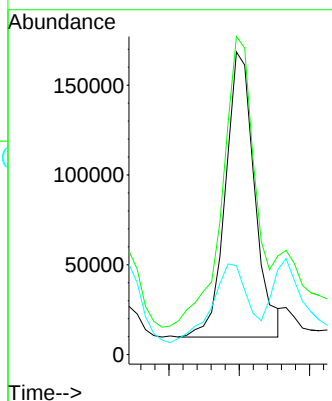
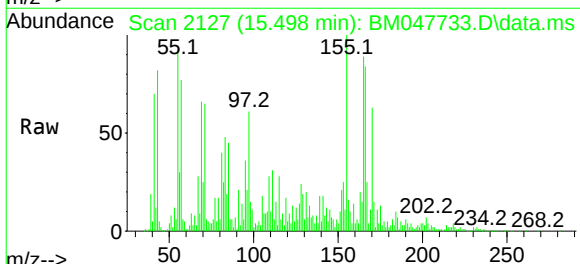
Manual Integrations
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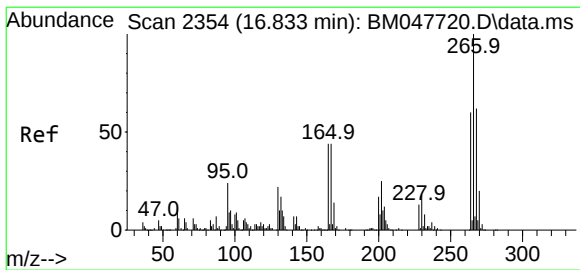
Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024



#61
Fluorene
Concen: 3.862 ng/u1
RT: 15.498 min Scan# 2127
Delta R.T. 0.006 min
Lab File: BM047733.D
Acq: 01 Oct 2024 01:48

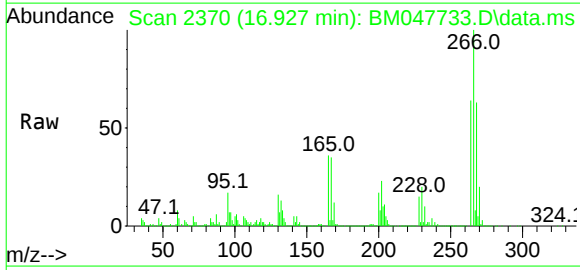
Tgt Ion:166 Resp: 229326
Ion Ratio Lower Upper
166 100
165 105.1 77.8 116.6
167 29.4 10.8 16.2#





#71
 Pentachlorophenol
 Concen: 3153.323 ng/u1 m
 RT: 16.927 min Scan# 2354
 Delta R.T. 0.088 min
 Lab File: BM047733.D
 Acq: 01 Oct 2024 01:48

Instrument :
 BNA_M
 ClientSampleId :
 DDCK3

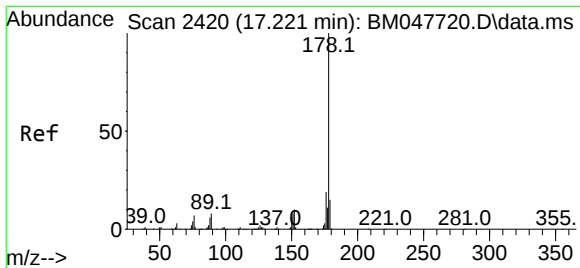
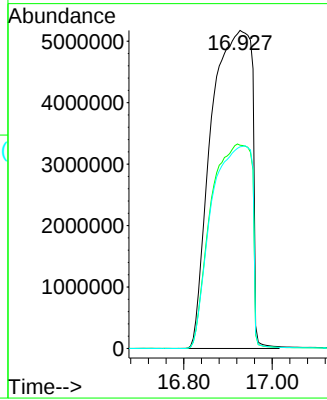
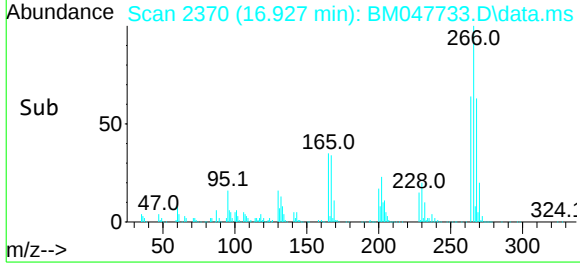


Tgt Ion: 266 Resp: 32963955

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.2	75.2
268	63.4	50.9	76.3

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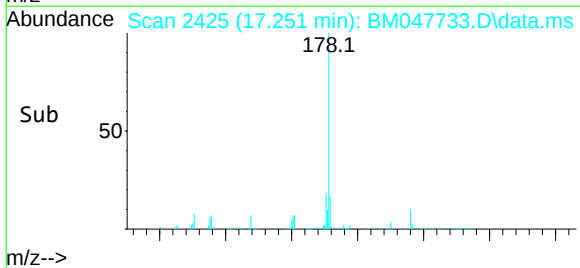
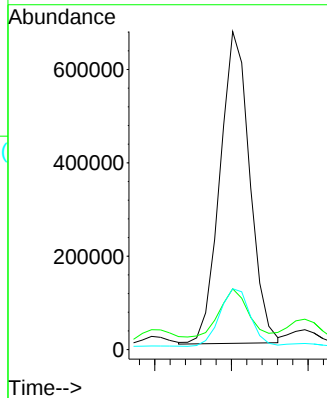
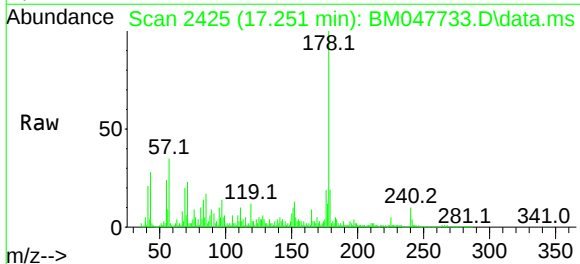
Reviewed By :Yogesh Patel 10/01/2024
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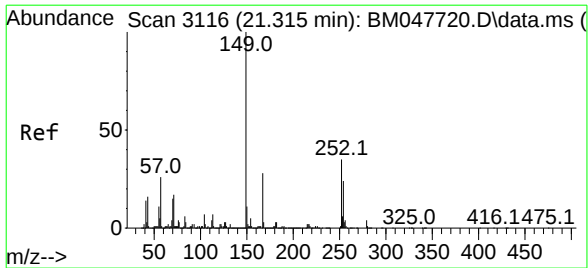


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 Phenanthrene
 Concen: 11.204 ng/u1
 RT: 17.251 min Scan# 2425
 Delta R.T. 0.024 min
 Lab File: BM047733.D
 Acq: 01 Oct 2024 01:48

Tgt Ion: 178 Resp: 900454

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.0	18.0#
176	19.1	15.4	23.0





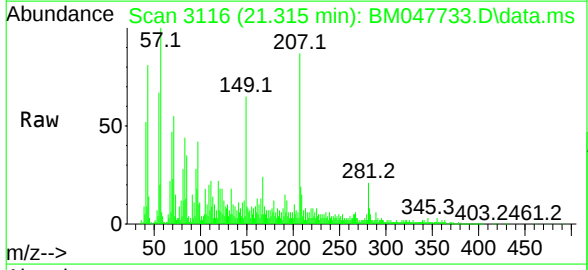
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.681 ng/ul
 RT: 21.315 min Scan# 3116
 Delta R.T. -0.006 min
 Lab File: BM047733.D
 Acq: 01 Oct 2024 01:48

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	149	Resp:	90916
Ion Ratio	Lower	Upper	
149	100		
167	36.1	21.3	31.9#
279	8.1	2.7	4.1#

Manual Integrations

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