

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100124\
 Data File : BM047747.D
 Acq On : 01 Oct 2024 17:41
 Operator : RC/JU
 Sample : P4018-03DL 30X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCA1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/02/2024
 Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 01 23:14:41 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	7.810	152	214763	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	887968	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	556841	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.180	188	1156525	20.000	ng/u1	0.00
79) Chrysene-d12	21.403	240	1053783	20.000	ng/u1	0.00
88) Perylene-d12	24.409	264	1187704	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.975	99	6468	0.318	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	4993	0.346	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	3354	0.227	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	8.963	128	2094	0.296	ng/u1	0.00
24) 2-Nitrophenol-d4	9.686	143	1762	0.260	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	3073	0.227	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	9155	0.438	ng/u1	-0.02
46) Dimethylphthalate-d6	13.851	166	15122	0.375	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	16094	0.336	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.433	176	14101	0.403	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.280	188	20608	0.362	ng/u1	0.00
81) Pyrene-d10	19.562	212	18861	0.315	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	11285m	0.183	ng/u1	-0.02
Target Compounds						
36) 2-Methylnaphthalene	12.263	142	76751	2.365	ng/u1	99
37) 1-Methylnaphthalene	12.486	142	46760	1.416	ng/u1#	98
58) 2,3,4,6-Tetrachlorophenol	15.063	232	206169	22.805	ng/u1#	98
71) Pentachlorophenol	16.839	266	2413068	273.541	ng/u1	99

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

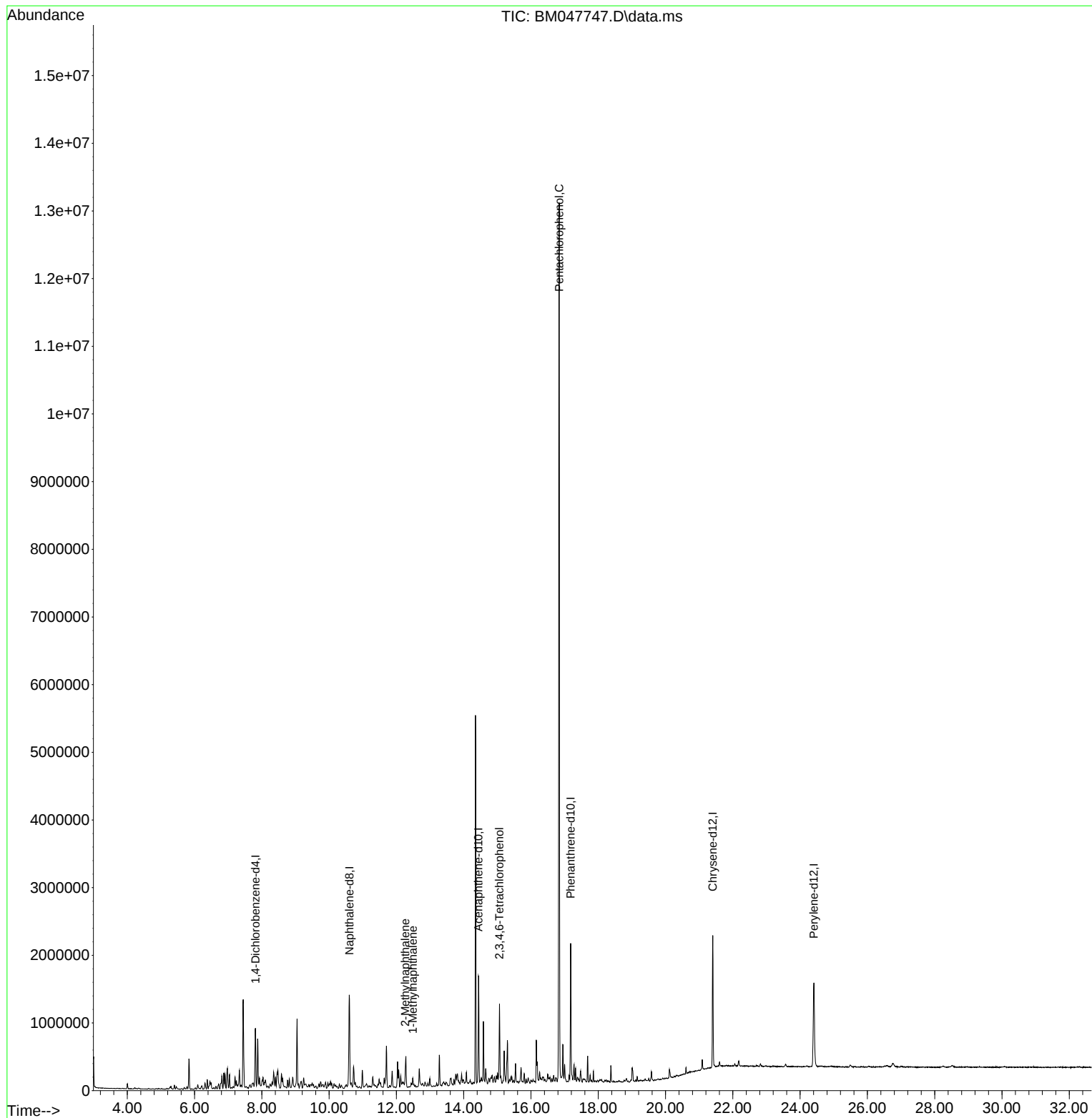
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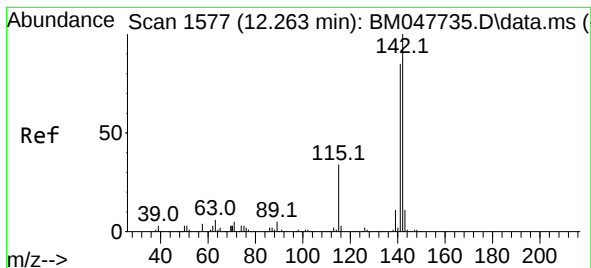
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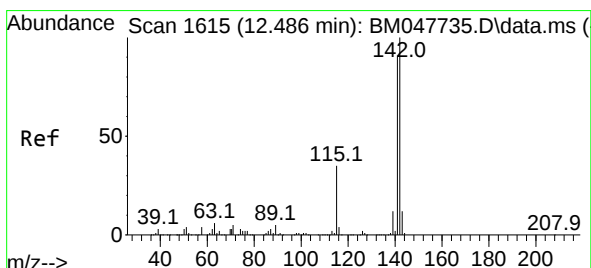
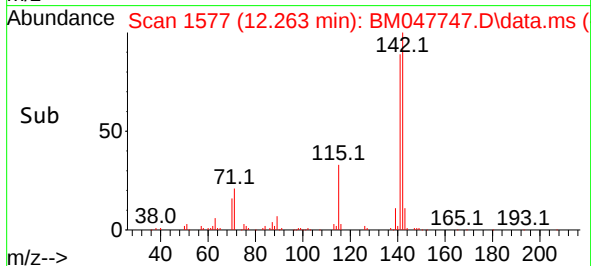
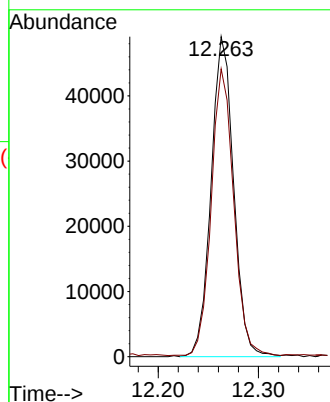
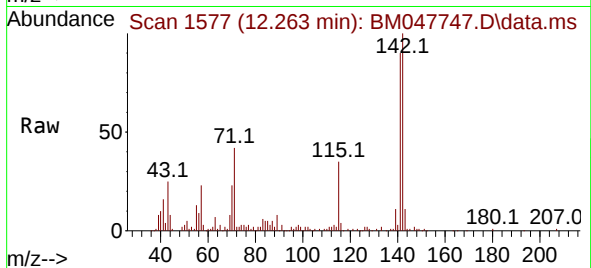
#36
2-Methylnaphthalene
Concen: 2.365 ng/ul
RT: 12.263 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM047747.D
Acq: 01 Oct 2024 17:41

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 7675
Ion Ratio Lower Upper
142 100
141 90.0 72.5 108.7

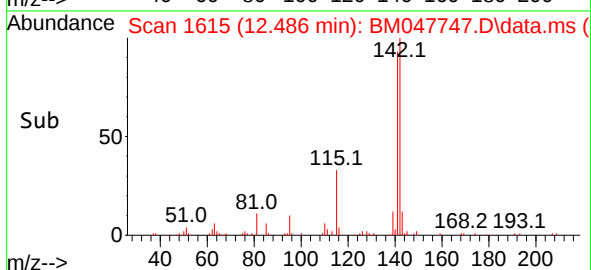
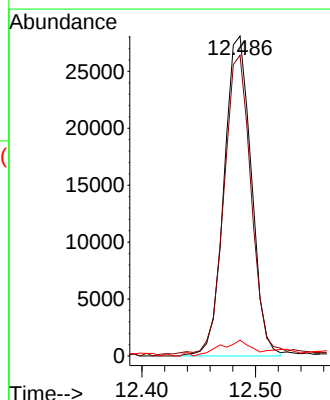
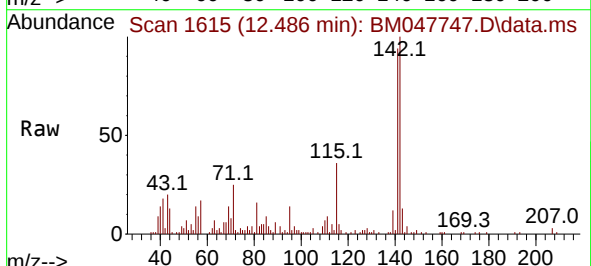
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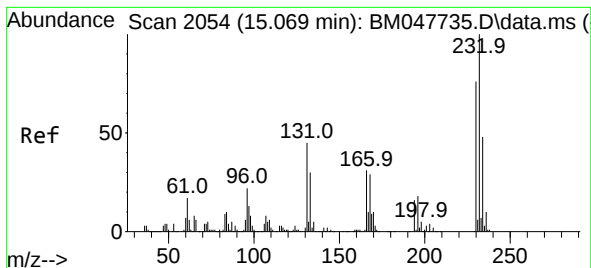
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Supervised By :mohammad ahmed 10/04/2024



#37
1-Methylnaphthalene
Concen: 1.416 ng/ul
RT: 12.486 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM047747.D
Acq: 01 Oct 2024 17:41

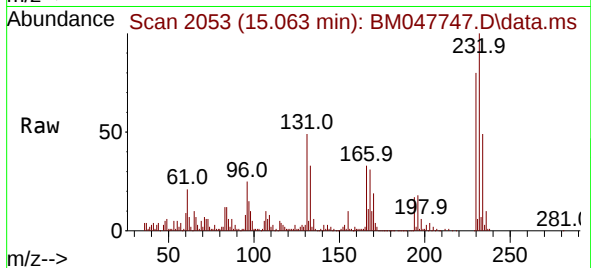
Tgt Ion:142 Resp: 46760
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.2
116 5.0 3.0 4.6#





#58
2,3,4,6-Tetrachlorophenol
Concen: 22.805 ng/ul
RT: 15.063 min Scan# 2054
Delta R.T. -0.006 min
Lab File: BM047747.D
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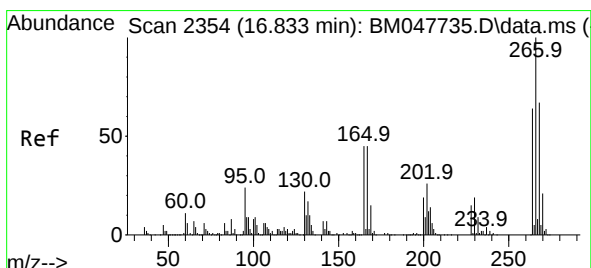
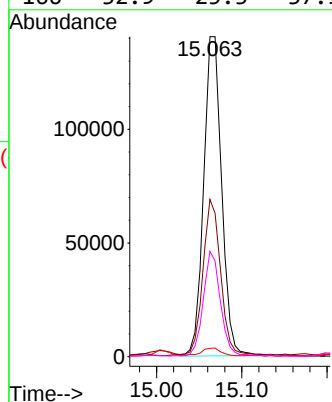
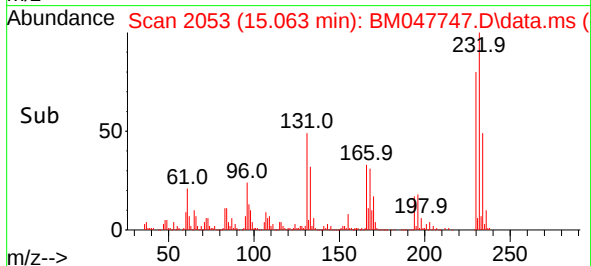
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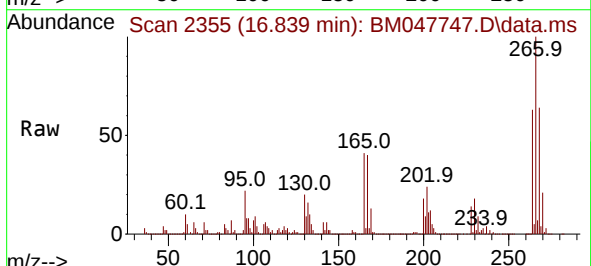
Tgt Ion:232 Resp: 206169
Ion Ratio Lower Upper
232 100
131 49.2 40.2 60.4
130 2.6 2.6 4.0
166 32.9 25.3 37.9

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#71
Pentachlorophenol
Concen: 273.541 ng/ul
RT: 16.839 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BM047747.D
Acq: 01 Oct 2024 17:41



Tgt Ion:266 Resp: 2413068
Ion Ratio Lower Upper
266 100
264 62.6 50.2 75.2
268 64.4 50.9 76.3

