

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047808.D
 Acq On : 03 Oct 2024 14:43
 Operator : RC/JU
 Sample : P4020-02DL2 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCK4DL2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 03 15:24:55 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	7.804	152	227747	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.598	136	963344	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.439	164	625781	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1305986	20.000	ng/u1	-0.01
79) Chrysene-d12	21.403	240	1276848	20.000	ng/u1	0.00
88) Perylene-d12	24.403	264	1469360	20.000	ng/u1	-0.01
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	6.969	99	9332	0.433	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	8270	0.541	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.339	132	7909	0.505	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	5618	0.351	ng/u1	-0.01
21) Nitrobenzene-d5	8.951	128	2805	0.366	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.675	143	3380	0.460	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.222	165	7274	0.495	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	14098	0.621	ng/u1	-0.02
46) Dimethylphthalate-d6	13.845	166	25687	0.566	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	28270	0.526	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.651	143	3224	0.357	ng/u1	0.02
60) Fluorene-d10	15.427	176	22977	0.585	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.545	200	2372m	0.310	ng/u1	0.00
73) Anthracene-d10	17.274	188	37705	0.587	ng/u1	-0.01
81) Pyrene-d10	19.562	212	42117	0.581	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.197	264	38176	0.501	ng/u1	-0.01
Target Compounds						
30) Naphthalene	10.645	128	56192	1.014	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	87084	2.473	ng/u1	98
37) 1-Methylnaphthalene	12.480	142	51549	1.439	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.063	232	116578	11.475	ng/u1#	97
71) Pentachlorophenol	16.833	266	1588189	159.430	ng/u1	99

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

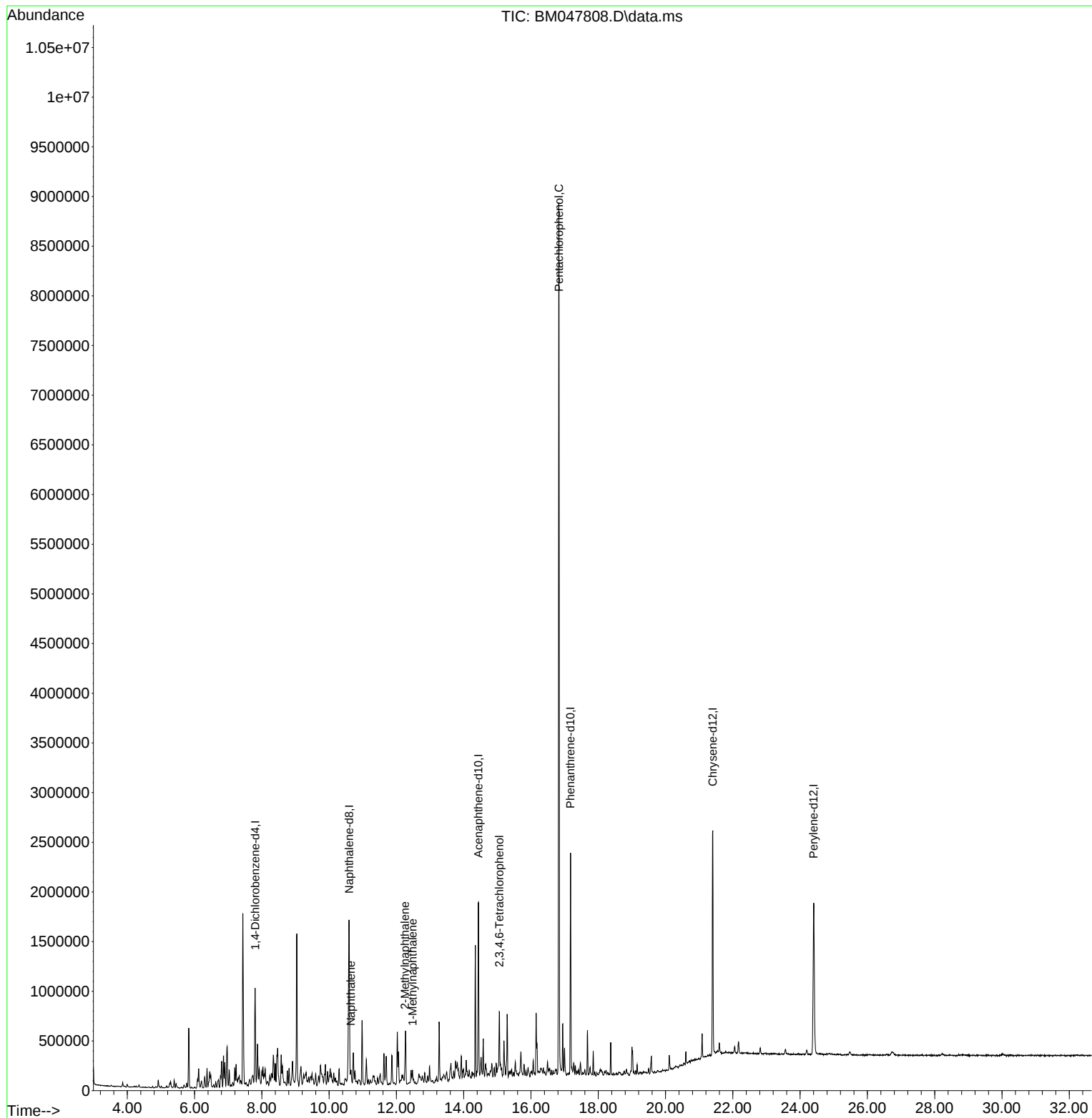
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047808.D
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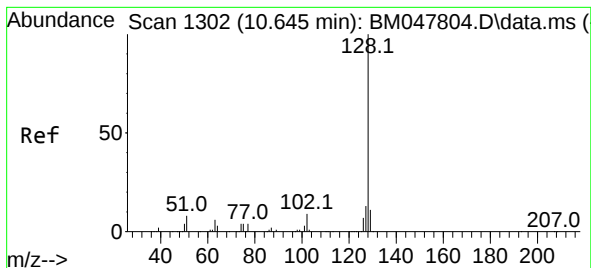
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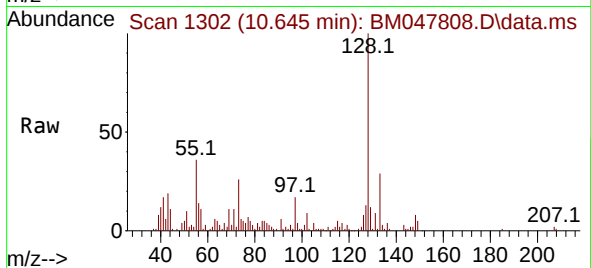
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/06/2024





#30
Naphthalene
Concen: 1.014 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047808.D
Acq: 03 Oct 2024 14:43

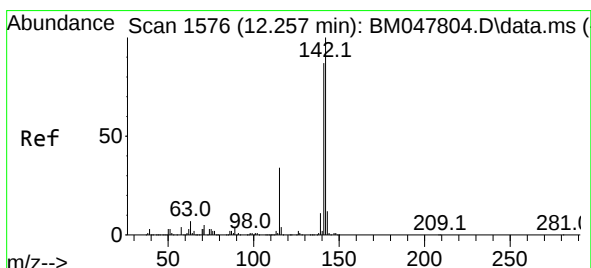
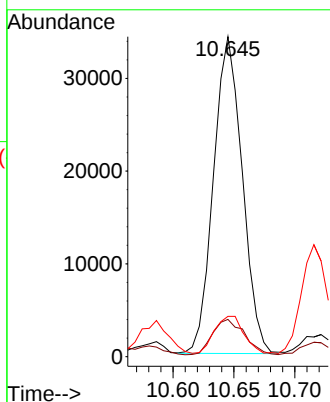
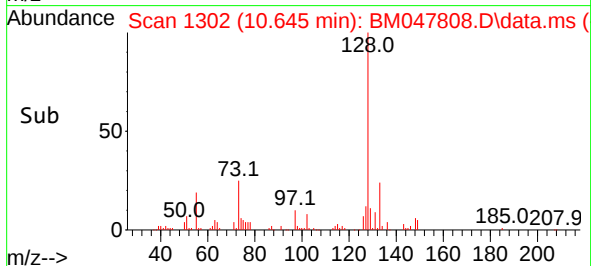
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Tgt Ion:128 Resp: 56192
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 12.6 10.4 15.6

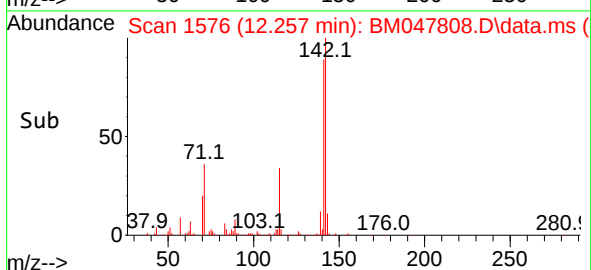
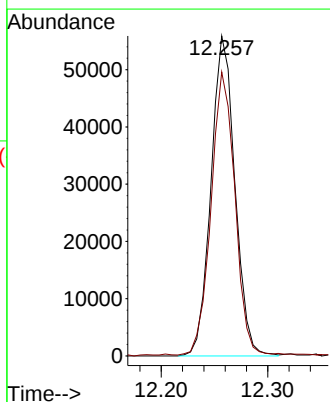
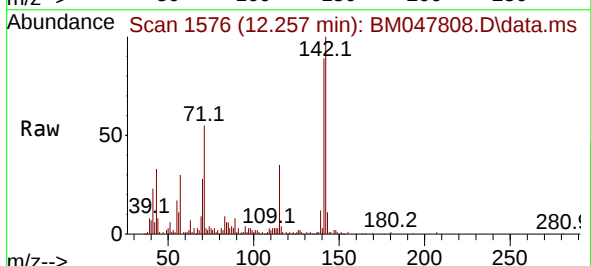
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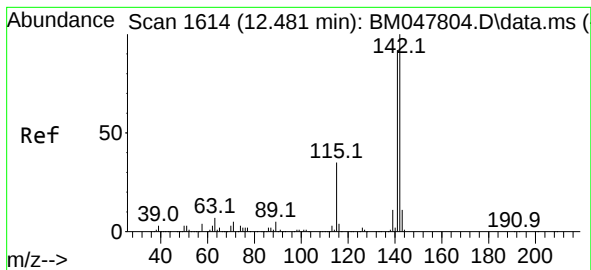
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#36
2-Methylnaphthalene
Concen: 2.473 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM047808.D
Acq: 03 Oct 2024 14:43

Tgt Ion:142 Resp: 87084
Ion Ratio Lower Upper
142 100
141 88.7 72.5 108.7





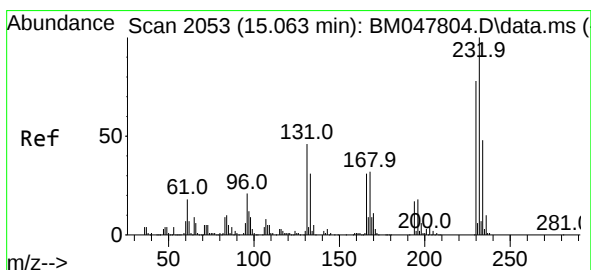
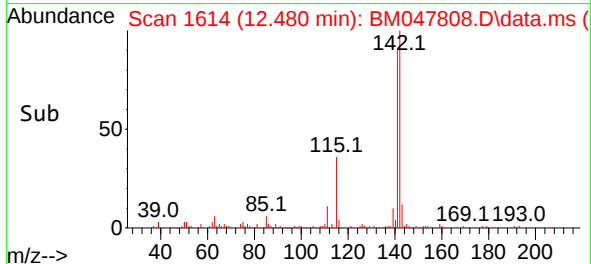
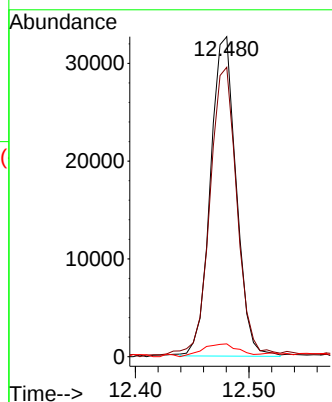
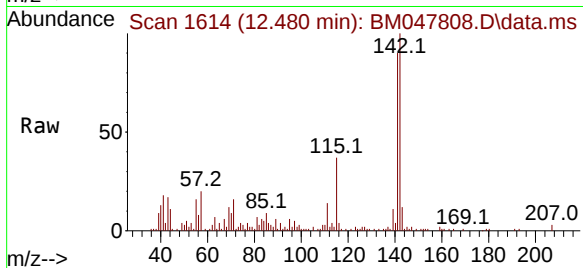
#37
1-Methylnaphthalene
Concen: 1.439 ng/ul
RT: 12.480 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM047808.D
Acq: 03 Oct 2024 14:43

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Tgt Ion:142 Resp: 51549
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.2
116 4.0 3.0 4.6

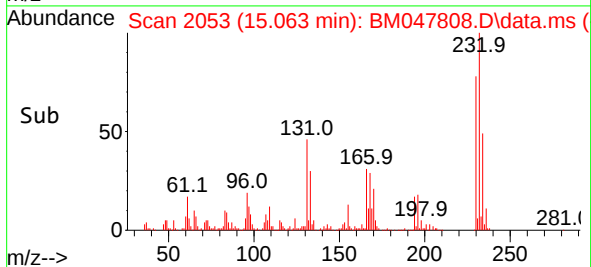
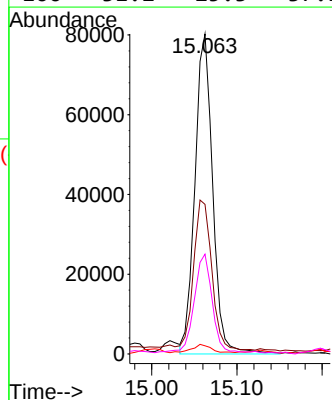
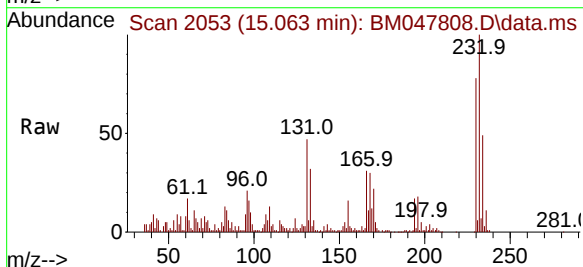
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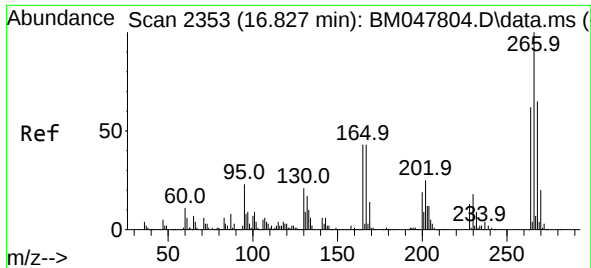
Reviewed By :Yogesh Patel 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 11.475 ng/ul
RT: 15.063 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BM047808.D
Acq: 03 Oct 2024 14:43

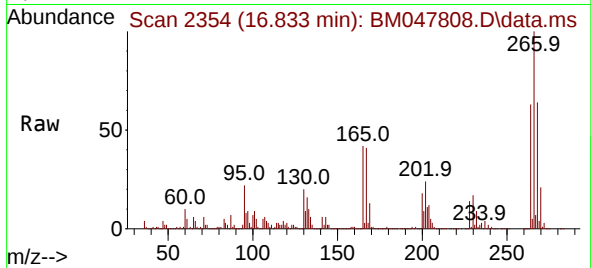
Tgt Ion:232 Resp: 116578
Ion Ratio Lower Upper
232 100
131 46.8 40.2 60.4
130 2.6 2.6 4.0#
166 31.2 25.3 37.9





#71
 Pentachlorophenol
 Concen: 159.430 ng/ul
 RT: 16.833 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM047808.D
 Acq: 03 Oct 2024 14:43

Instrument :
 BNA_M
 ClientSampleId :
 DDCK4DL2



Tgt Ion:266 Resp: 1588189
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.2 75.2
 268 63.9 50.9 76.3

Manual Integrations
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