

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047835.D
 Acq On : 04 Oct 2024 09:44
 Operator : RC/JU
 Sample : P4020-04DL 30X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCK6DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 01:09:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	268341	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1136720	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.433	164	722701	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	1510234	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1397727	20.000	ng/ul	0.00
88) Perylene-d12	24.397	264	1634886	20.000	ng/ul	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/ul	
7) Phenol-d5	6.969	99	10320	0.407	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	8371	0.465	ng/ul	0.00
11) 2-Chlorophenol-d4	7.339	132	8216	0.445	ng/ul	0.00
15) 4-Methylphenol-d8	8.504	113	7187	0.381	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	4055	0.448	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	3329	0.384	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	7401	0.427	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	8443m	0.315	ng/ul	-0.01
46) Dimethylphthalate-d6	13.839	166	29677	0.566	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	32637	0.525	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.421	176	27157	0.598	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	2516	0.285	ng/ul	0.00
73) Anthracene-d10	17.268	188	40899	0.551	ng/ul	0.00
81) Pyrene-d10	19.556	212	47516	0.599	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.185	264	40465	0.477	ng/ul	0.00
Target Compounds						
36) 2-Methylnaphthalene	12.251	142	46111	1.110	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	132203	11.268	ng/ul	97
71) Pentachlorophenol	16.827	266	1558996	135.334	ng/ul	99

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

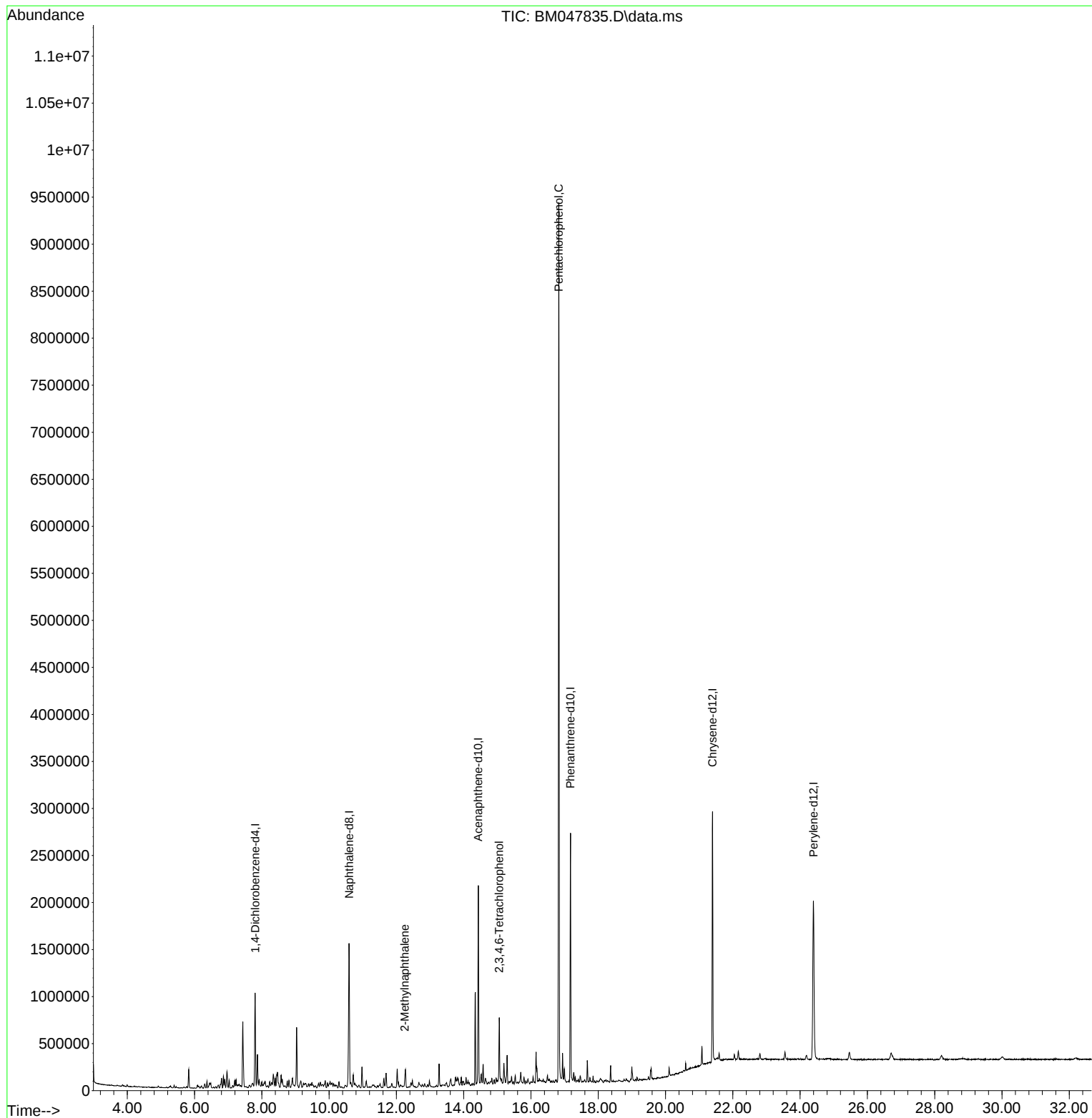
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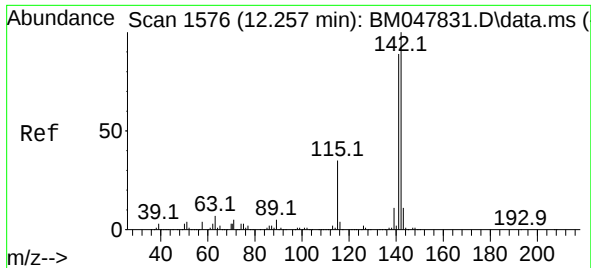
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#36

2-Methylnaphthalene

Concen: 1.110 ng/ul

RT: 12.251 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047835.D

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Instrument :

BNA_M

ClientSampleId :

DDCK6DL

Tgt Ion:142 Resp: 4611

Ion Ratio Lower Upper

142 100

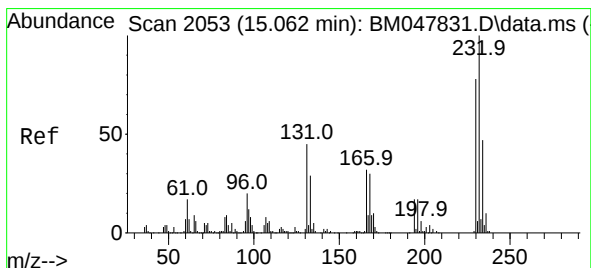
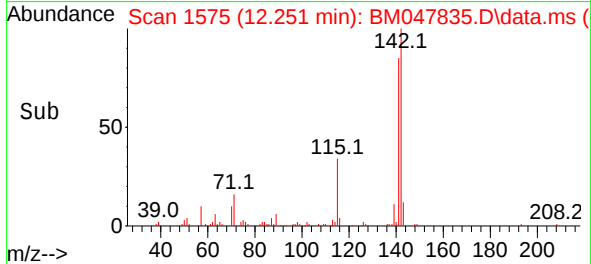
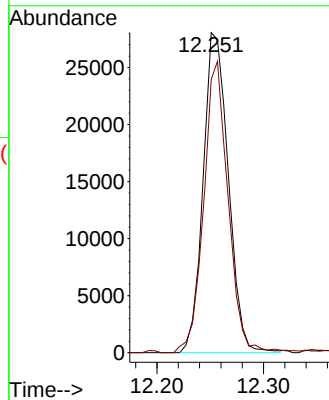
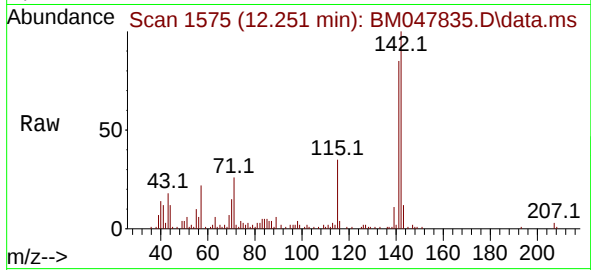
141 85.4 72.5 108.7

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 11.268 ng/ul

RT: 15.057 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BM047835.D

Acq: 04 Oct 2024 09:44

Tgt Ion:232 Resp: 132203

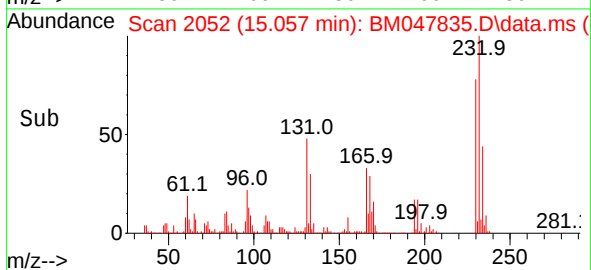
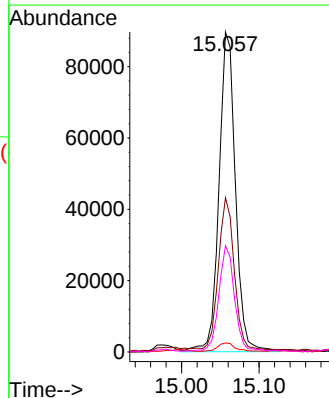
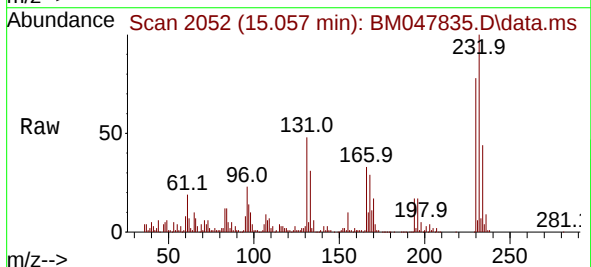
Ion Ratio Lower Upper

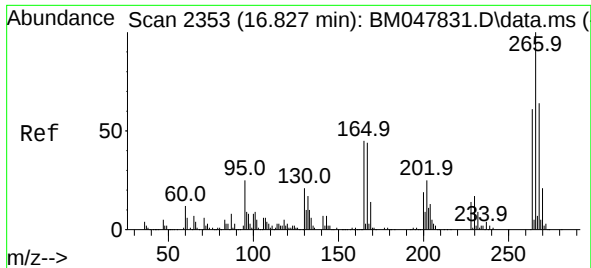
232 100

131 48.2 40.2 60.4

130 2.8 2.6 4.0

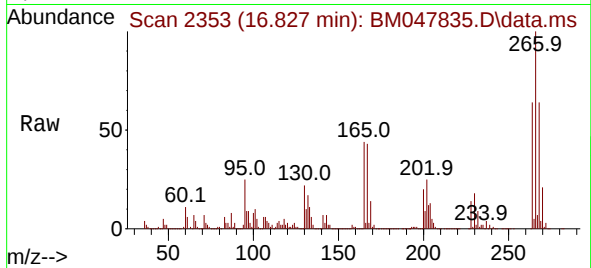
166 33.2 25.3 37.9





#71
 Pentachlorophenol
 Concen: 135.334 ng/ul
 RT: 16.827 min Scan# 24
 Delta R.T. 0.000 min
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Tgt Ion:266 Resp: 1558990
 Ion Ratio Lower Upper
 266 100
 264 63.9 50.2 75.2
 268 64.2 50.9 76.3

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