

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092824\
 Data File : BM047697.D
 Acq On : 28 Sep 2024 18:39
 Operator : RC/JU
 Sample : P3927-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DDCA6

Quant Time: Sep 29 02:13:31 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)

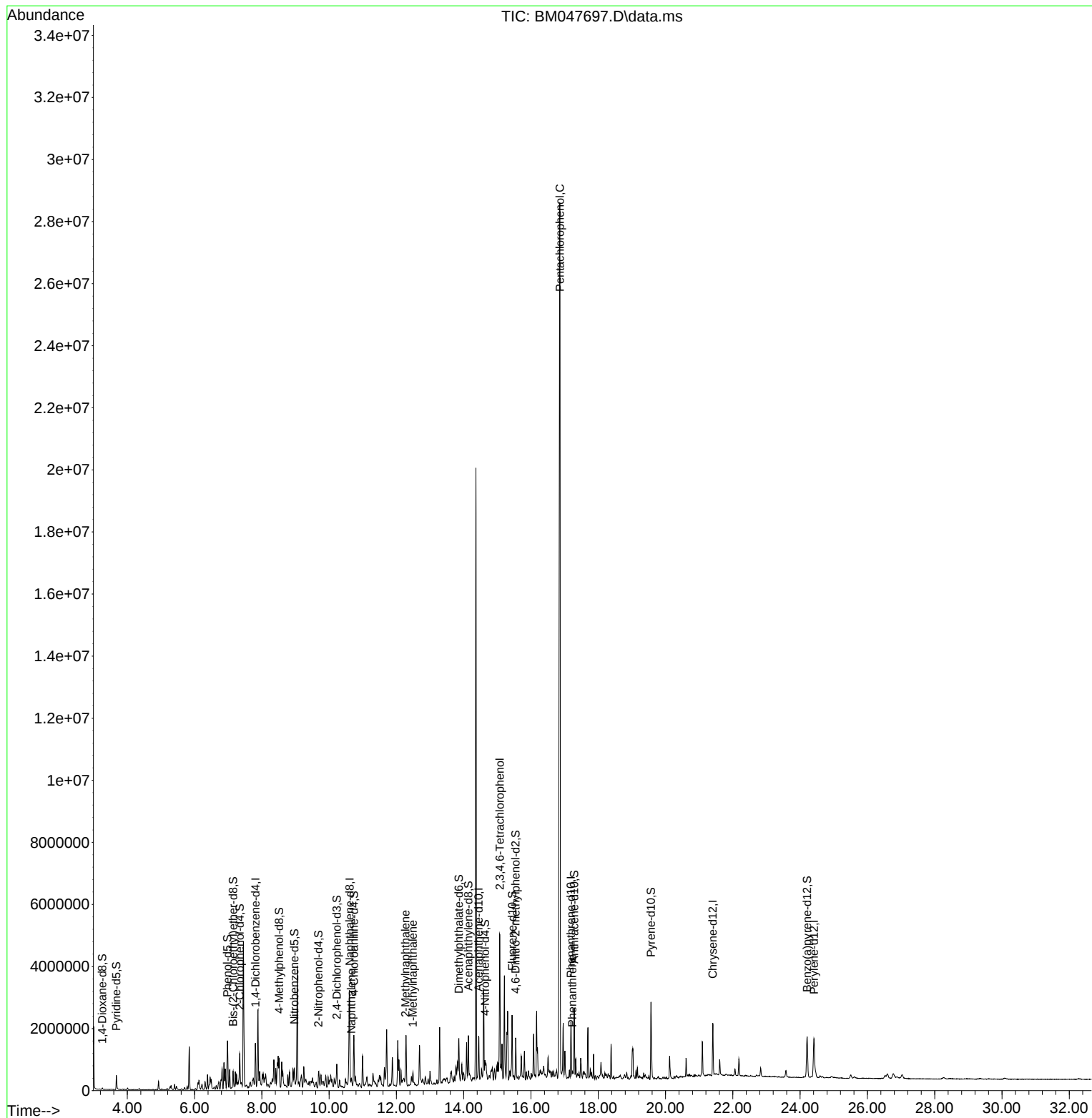
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	193627	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	792995	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	474816	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	937435	20.000	ng/ul	0.00
79) Chrysene-d12	21.403	240	899518	20.000	ng/ul	0.00
88) Perylene-d12	24.415	264	1037029	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	17724	2.958	ng/uL	0.00
4) Pyridine-d5	3.675	84	230540	13.141	ng/ul	0.00
7) Phenol-d5	6.975	99	323845	17.687	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	227724	17.528	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	259245	19.461	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	278635	20.468	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	130877	20.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	129657	21.429	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.227	165	248216	20.536	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	324575	17.370	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	819116	23.795	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	953163	23.353	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	130756	19.078	ng/ul	0.00
60) Fluorene-d10	15.439	176	702096	23.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	92301	16.826	ng/ul	0.00
73) Anthracene-d10	17.286	188	1055532	22.899	ng/ul	0.00
81) Pyrene-d10	19.568	212	1266864	24.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.209	264	1287822	23.935	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.657	128	128887	2.826	ng/ul#	96
36) 2-Methylnaphthalene	12.268	142	233168	8.045	ng/ul	97
37) 1-Methylnaphthalene	12.492	142	142611	4.836	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.074	232	853050	110.661	ng/ul	97
71) Pentachlorophenol	16.856	266	7084406	990.763	ng/ul	99
72) Phenanthrene	17.233	178	81683	1.486	ng/ul#	94

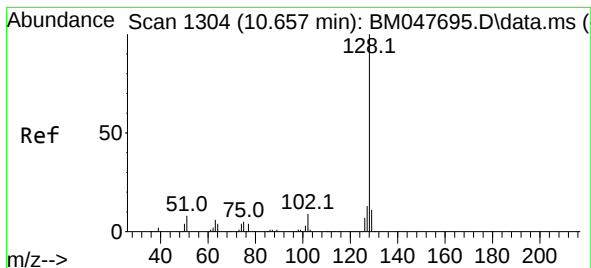
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 2.826 ng/ul

RT: 10.657 min Scan# 1

Delta R.T. -0.006 min

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BNA_M

ClientSampleId :

DDCA6

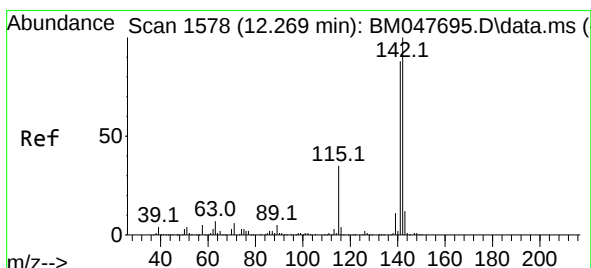
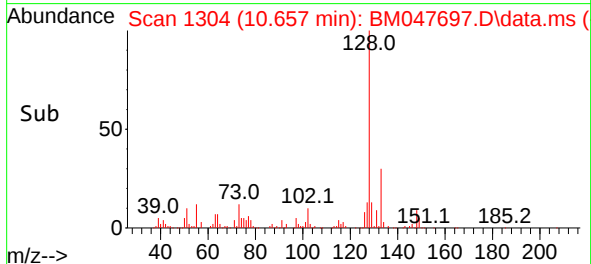
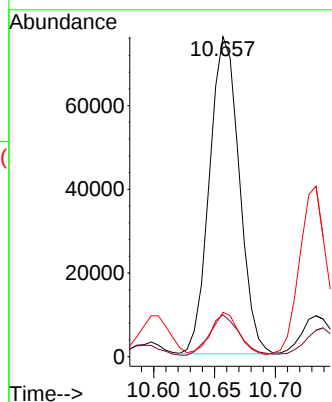
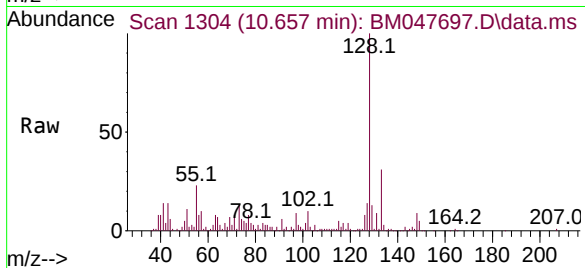
Tgt Ion:128 Resp: 128887

Ion Ratio Lower Upper

128 100

129 13.1 8.6 12.8#

127 13.8 10.4 15.6



#36

2-Methylnaphthalene

Concen: 8.045 ng/ul

RT: 12.268 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BM047697.D

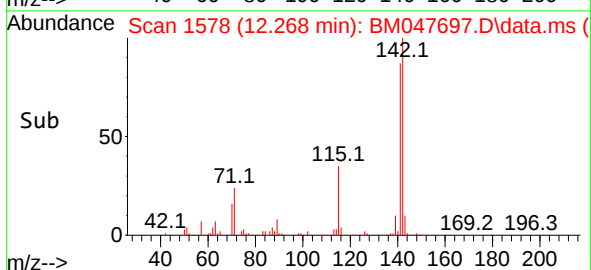
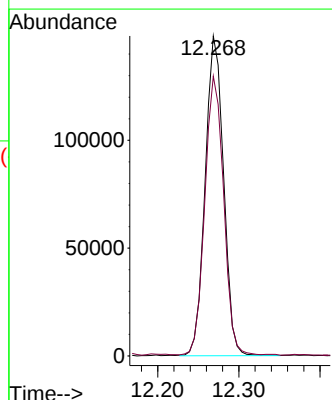
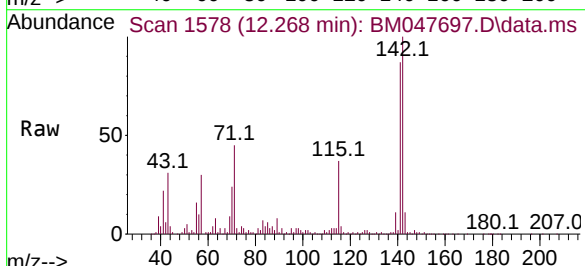
Acq: 28 Sep 2024 18:39

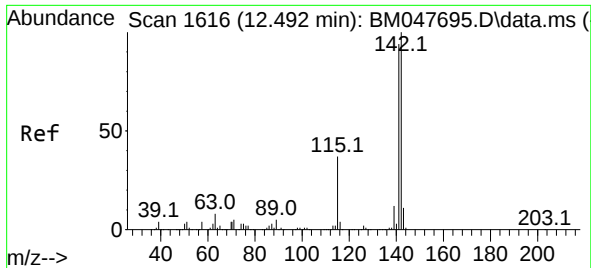
Tgt Ion:142 Resp: 233168

Ion Ratio Lower Upper

142 100

141 87.4 72.5 108.7

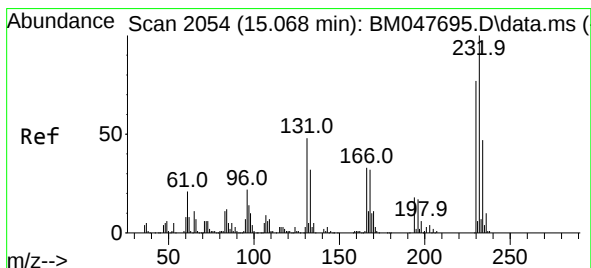
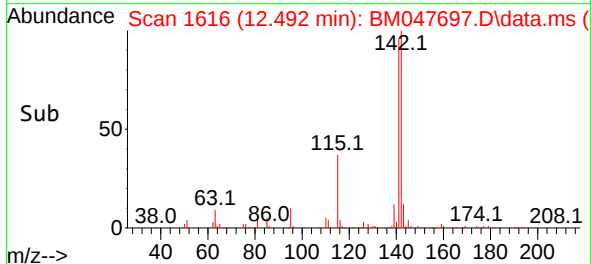
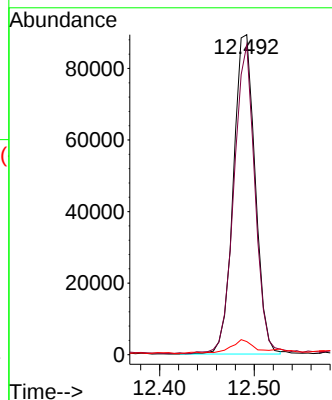
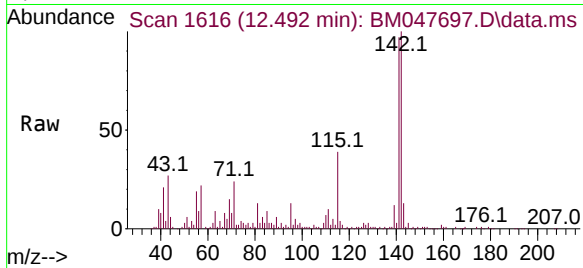




#37
1-Methylnaphthalene
Concen: 4.836 ng/ul
RT: 12.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM047697.D
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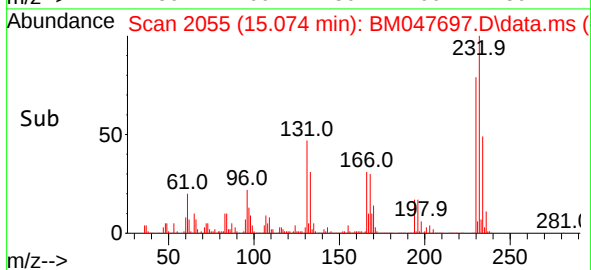
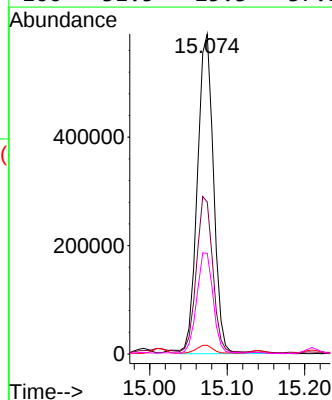
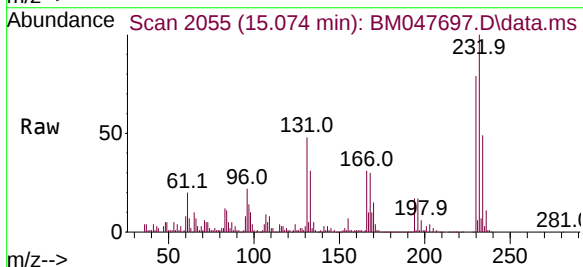
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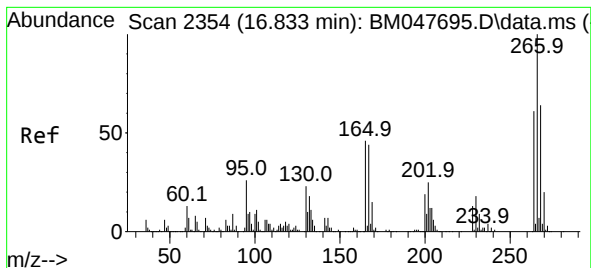
Tgt Ion:142 Resp: 142611
Ion Ratio Lower Upper
142 100
141 96.8 73.4 110.2
116 4.1 3.0 4.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 110.661 ng/ul
RT: 15.074 min Scan# 2055
Delta R.T. 0.006 min
Lab File: BM047697.D
Acq: 28 Sep 2024 18:39

Tgt Ion:232 Resp: 853050
Ion Ratio Lower Upper
232 100
131 47.5 40.2 60.4
130 2.7 2.6 4.0
166 31.5 25.3 37.9





#71

Pentachlorophenol

Concen: 990.763 ng/uI

RT: 16.856 min Scan# 21

Delta R.T. 0.017 min

Lab File: BM047697.D

Acq: 28 Sep 2024 18:39

Instrument :

BNA_M

ClientSampleId :

DDCA6

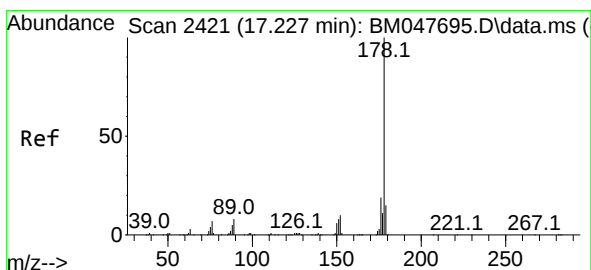
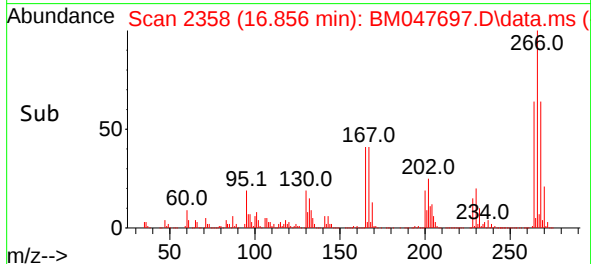
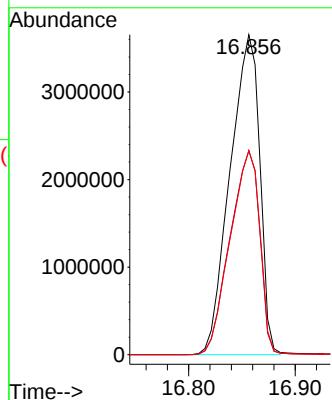
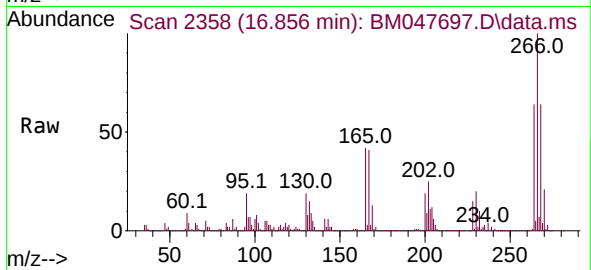
Tgt Ion:266 Resp: 7084406

Ion Ratio Lower Upper

266 100

264 63.7 50.2 75.2

268 63.8 50.9 76.3



#72

Phenanthrene

Concen: 1.486 ng/uI

RT: 17.233 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BM047697.D

Acq: 28 Sep 2024 18:39

Tgt Ion:178 Resp: 81683

Ion Ratio Lower Upper

178 100

179 19.6 12.0 18.0#

176 20.0 15.4 23.0

