

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
 Data File : BM043669.D
 Acq On : 29 Dec 2023 10:45
 Operator : MA/JU
 Sample : 05920-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GCF56

Quant Time: Dec 29 22:34:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

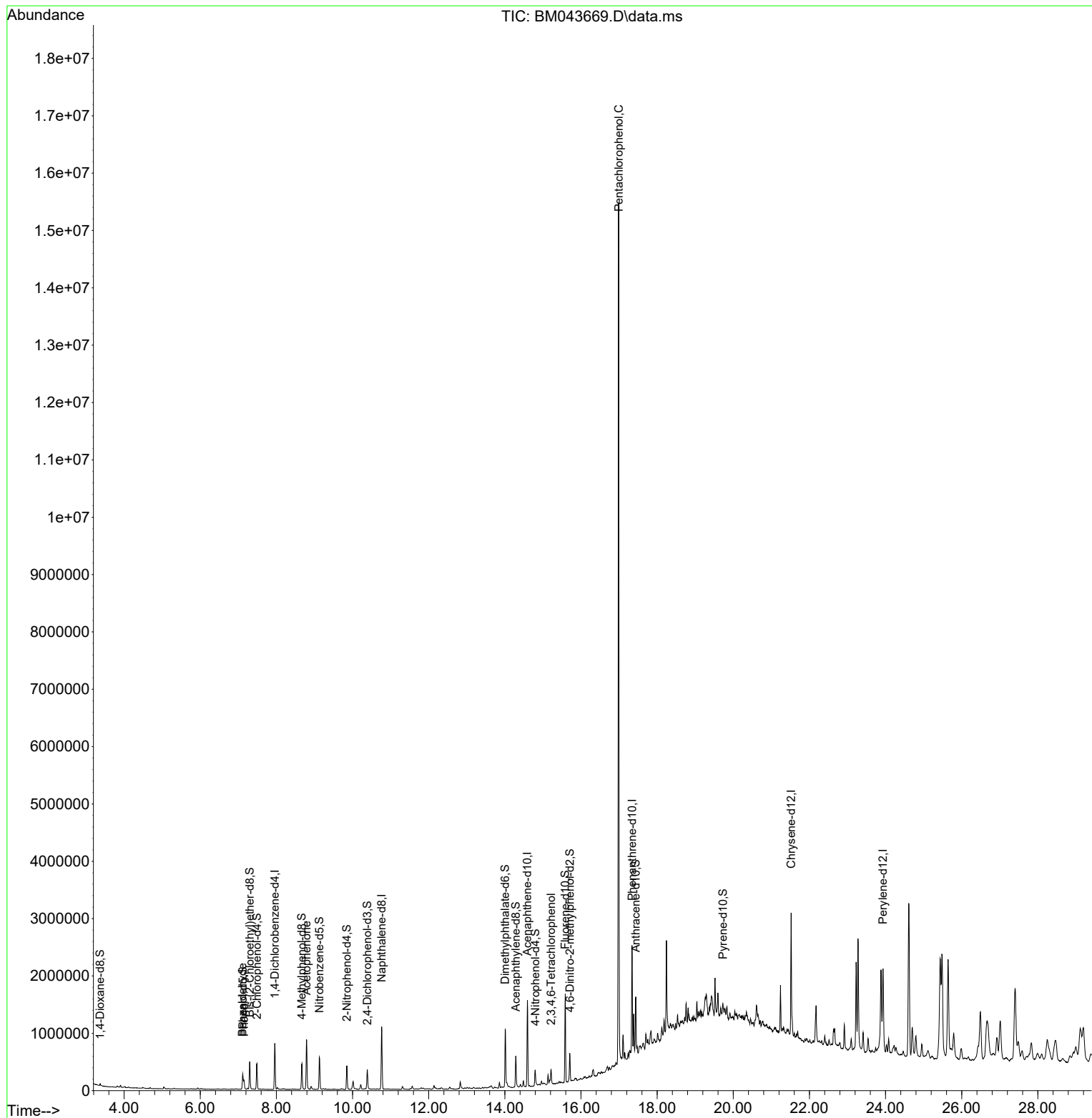
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	187808	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	847099	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	454527	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.339	188	952215	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	805439	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	905414	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	15748	2.725	ng/uL	0.00
4) Pyridine-d5	3.781	84	667	0.040	ng/u1	0.00
7) Phenol-d5	7.116	99	114087	5.340	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	222384	16.436	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	182884	11.211	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	157474	9.499	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	112067	13.674	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	105326	12.438	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	109518	7.326	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	3470	0.158	ng/u1	0.02
46) Dimethylphthalate-d6	14.010	166	582723	14.242	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	333811	6.877	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	54182	6.996	ng/u1	0.00
60) Fluorene-d10	15.586	176	520084	15.371	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	61261	9.728	ng/u1	0.00
73) Anthracene-d10	17.439	188	432184	8.093	ng/u1	0.00
81) Pyrene-d10	19.727	212	86794	1.365	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	36468	0.653	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.105	77	18584	1.835	ng/u1	94
8) Phenol	7.152	94	83179	3.957	ng/u1	99
16) Acetophenone	8.793	105	420547	16.568	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	34459	4.303	ng/u1#	83
71) Pentachlorophenol	16.992	266	2135804	273.350	ng/u1	99

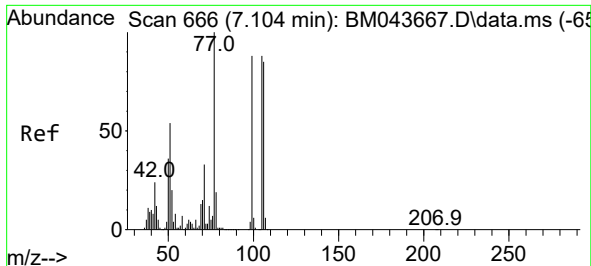
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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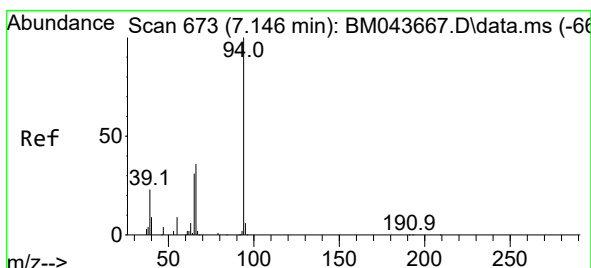
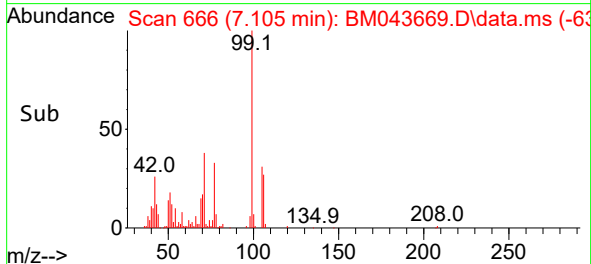
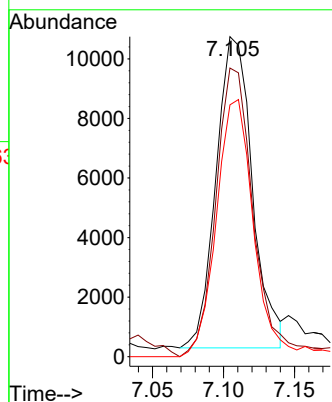
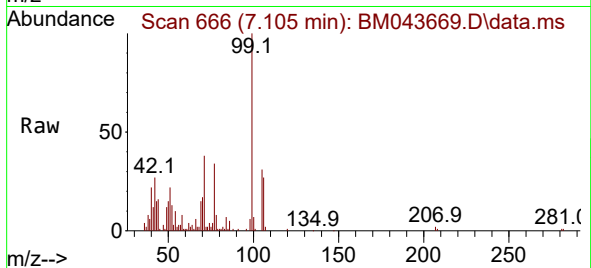




#6
Benzaldehyde
Concen: 1.835 ng/ul
RT: 7.105 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM043669.D
Acq: 29 Dec 2023 10:45

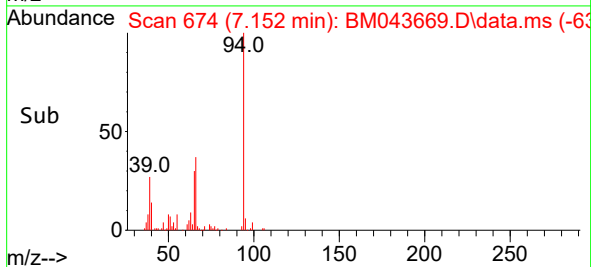
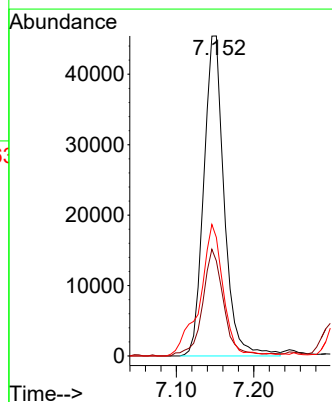
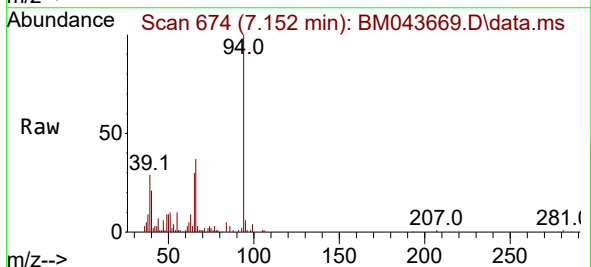
Instrument :
BNA_P
ClientSampleId :
GCF56

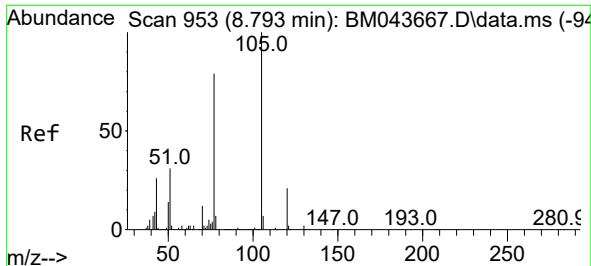
Tgt Ion: 77 Resp: 18584
Ion Ratio Lower Upper
77 100
105 90.2 73.4 110.0
106 78.7 71.4 107.0



#8
Phenol
Concen: 3.957 ng/ul
RT: 7.152 min Scan# 674
Delta R.T. 0.006 min
Lab File: BM043669.D
Acq: 29 Dec 2023 10:45

Tgt Ion: 94 Resp: 83179
Ion Ratio Lower Upper
94 100
65 29.7 23.7 35.5
66 37.1 30.2 45.4

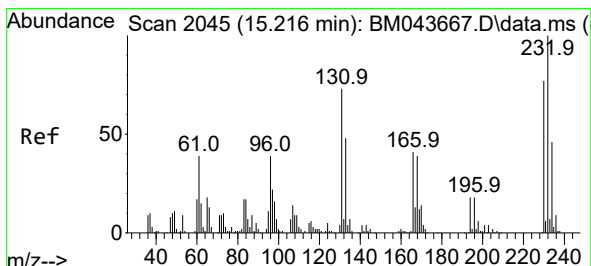
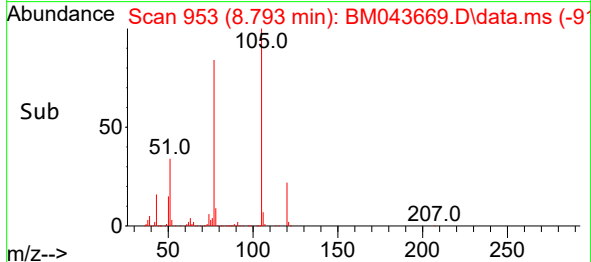
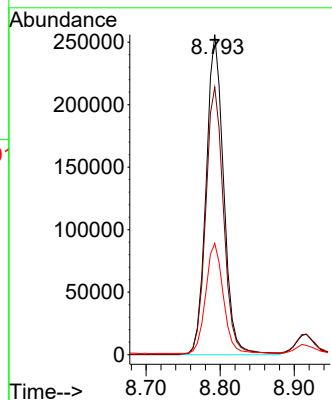
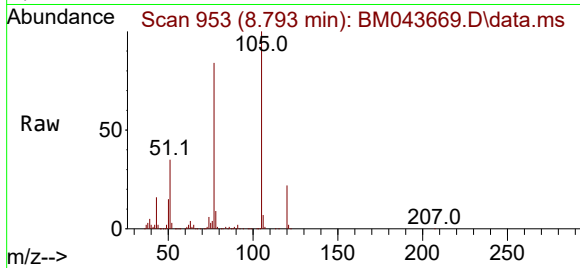




#16
Acetophenone
Concen: 16.568 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM043669.D
Acq: 29 Dec 2023 10:45

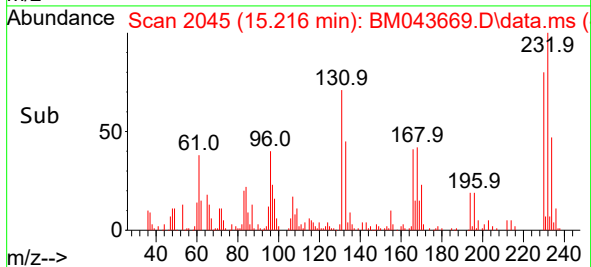
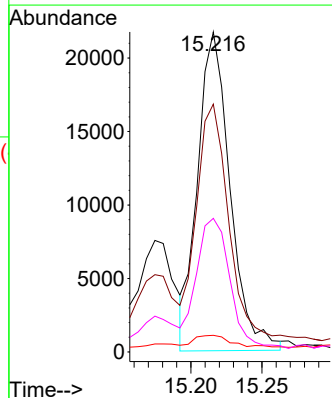
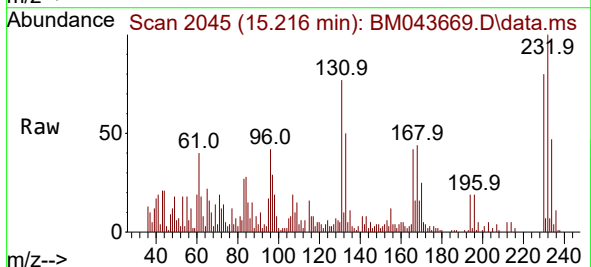
Instrument :
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ClientSampleId :
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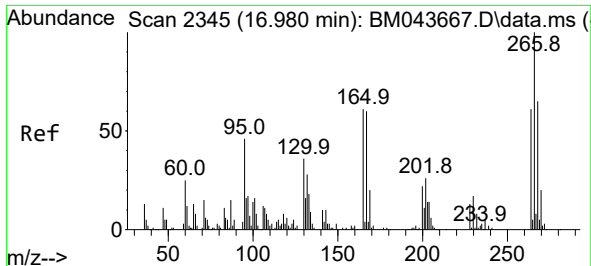
Tgt Ion:105 Resp: 420547
Ion Ratio Lower Upper
105 100
77 83.6 65.1 97.7
51 34.8 24.3 36.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.303 ng/ul
RT: 15.216 min Scan# 2045
Delta R.T. 0.000 min
Lab File: BM043669.D
Acq: 29 Dec 2023 10:45

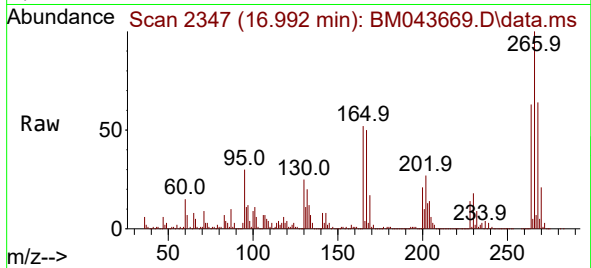
Tgt Ion:232 Resp: 34459
Ion Ratio Lower Upper
232 100
131 77.4 47.4 71.0#
130 5.2 2.4 3.6#
166 41.8 30.1 45.1





#71
 Pentachlorophenol
 Concen: 273.350 ng/ul
 RT: 16.992 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BM043669.D
 Acq: 29 Dec 2023 10:45

Instrument :
 BNA_P
 ClientSampleId :
 GCF56



Tgt Ion:266 Resp: 2135804
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.9 74.9
 268 64.4 51.0 76.6

