

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042024\
 Data File : BP020056.D
 Acq On : 21 Apr 2024 00:35
 Operator : MA/JU
 Sample : P2161-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CORE4

Quant Time: Apr 22 00:29:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 20 01:32:50 2024
 Response via : Initial Calibration

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

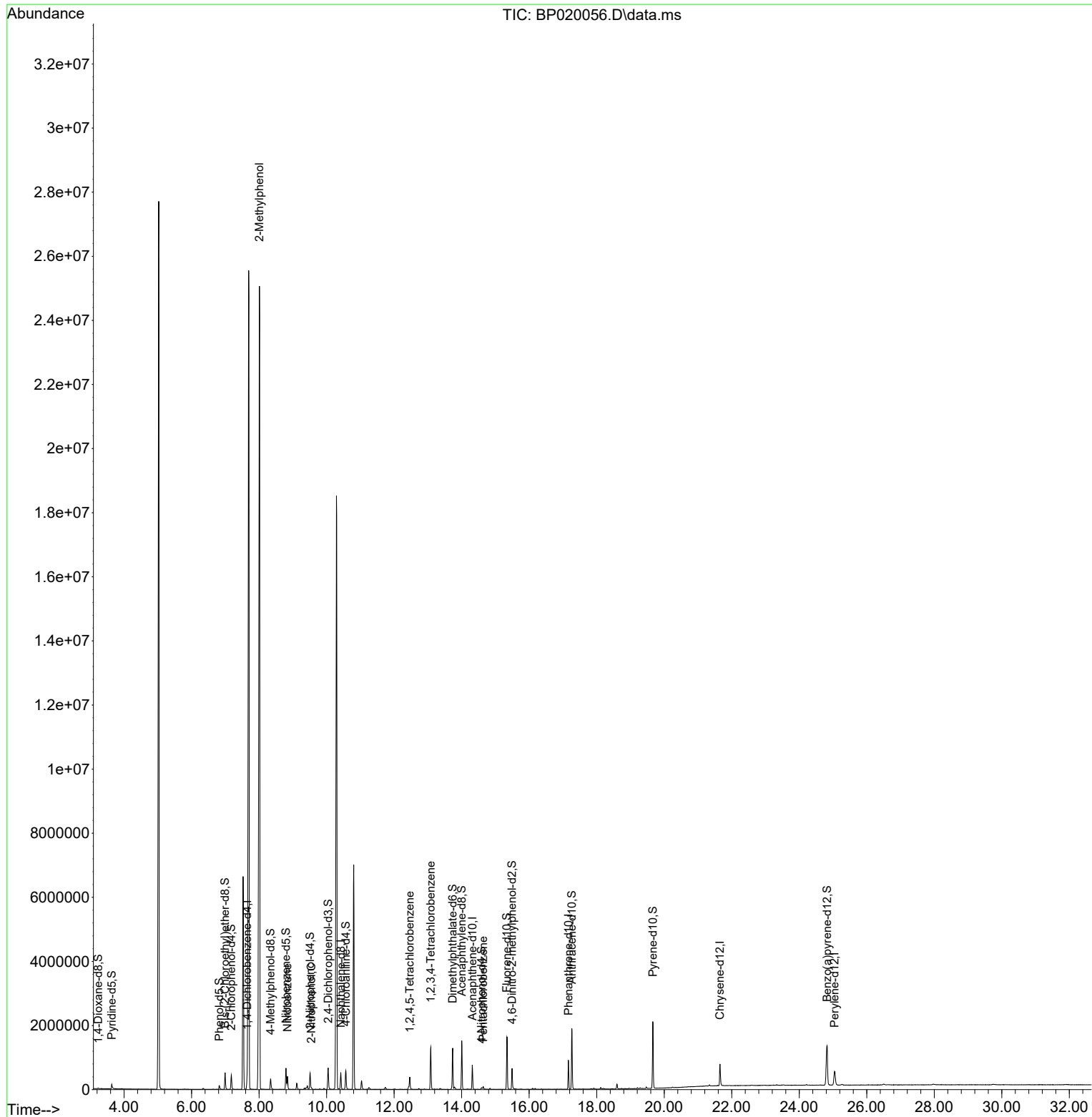
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	88773	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	363538	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.316	164	244631	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	512255	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	446793	20.000	ng/ul	0.00
88) Perylene-d12	25.045	264	509951	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	9678	4.467	ng/uL	0.00
4) Pyridine-d5	3.634	84	82846	12.991	ng/ul	0.00
7) Phenol-d5	6.822	99	62746	8.110	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	236378	43.710	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	180350	34.140	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	120416	19.924	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	126487	48.370	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	139005	49.176	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	228355	40.722	ng/ul	0.00
31) 4-Chloroaniline-d4	10.569	131	271425	36.258	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	850827	50.891	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	964730	48.414	ng/ul	0.00
54) 4-Nitrophenol-d4	14.592	143	16354	6.426	ng/ul	0.04
60) Fluorene-d10	15.339	176	733842	49.310	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	140934	47.093	ng/ul	0.00
73) Anthracene-d10	17.263	188	1167801	50.886	ng/ul	0.00
81) Pyrene-d10	19.663	212	1328822	55.342	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.827	264	1312512	52.688	ng/ul	0.02
Target Compounds						Qvalue
13) 2-Methylphenol	8.010	108	112868	18.890	ng/ul	97
22) Nitrobenzene	8.840	77	243319	28.551	ng/ul	99
25) 2-Nitrophenol	9.545	139	3115	1.035	ng/ul#	73
39) 1,2,4,5-Tetrachloroben...	12.463	216	116313	14.589	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.086	216	420541	51.783	ng/uL	96
76) Pentachlorobenzene	14.639	250	15992	2.093	ng/uL	98

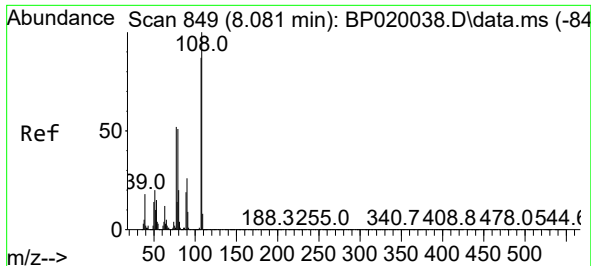
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

2-Methylphenol

Concen: 18.890 ng/ul

RT: 8.010 min Scan# 81

Delta R.T. -0.071 min

Lab File: BP020056.D

Acq: 21 Apr 2024 00:35

Instrument :

BNA_P

ClientSampleId :

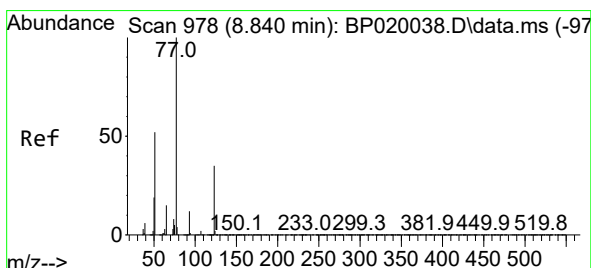
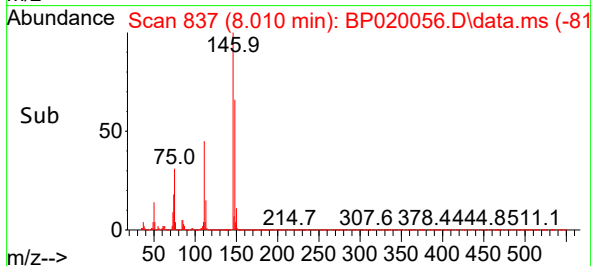
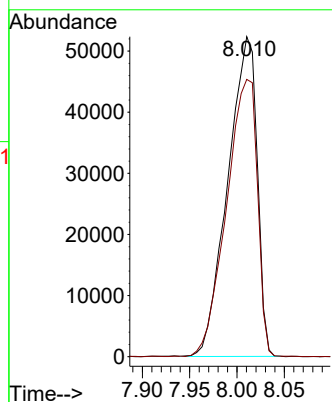
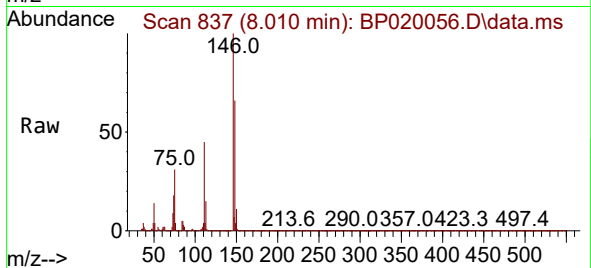
CORE4

Tgt Ion:108 Resp: 112868

Ion Ratio Lower Upper

108 100

107 86.6 67.3 100.9



#22

Nitrobenzene

Concen: 28.551 ng/ul

RT: 8.840 min Scan# 978

Delta R.T. -0.000 min

Lab File: BP020056.D

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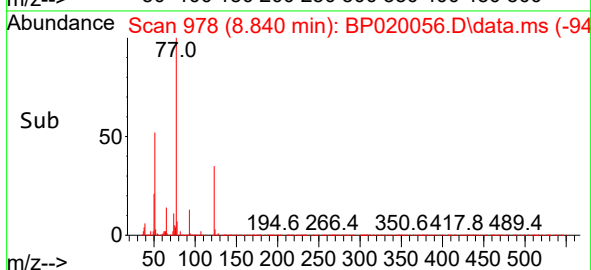
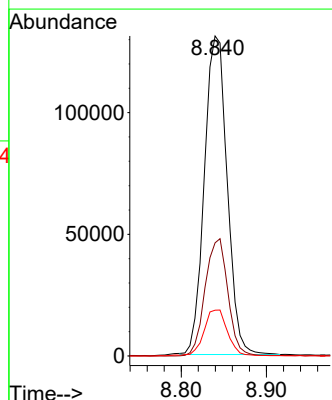
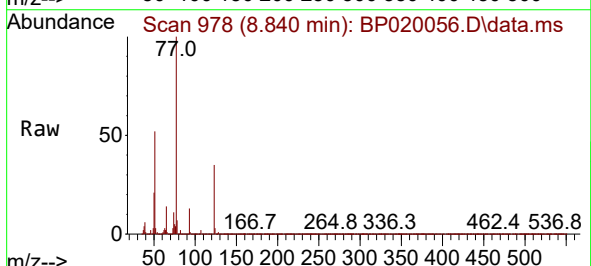
Tgt Ion: 77 Resp: 243319

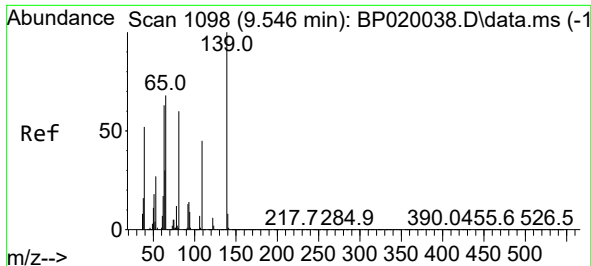
Ion Ratio Lower Upper

77 100

123 35.3 28.5 42.7

65 14.3 11.7 17.5

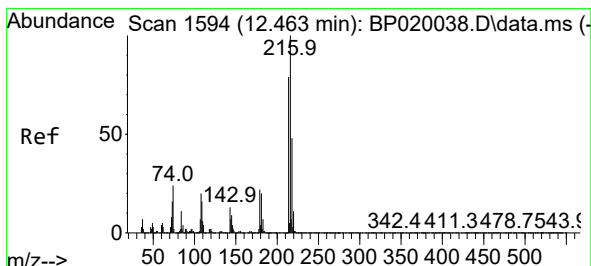
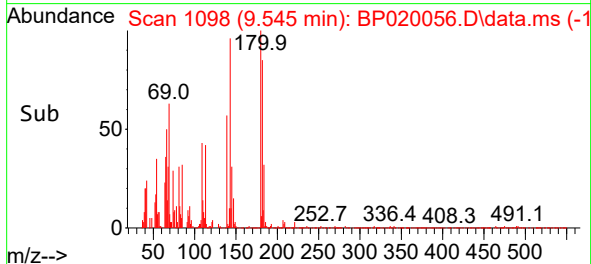
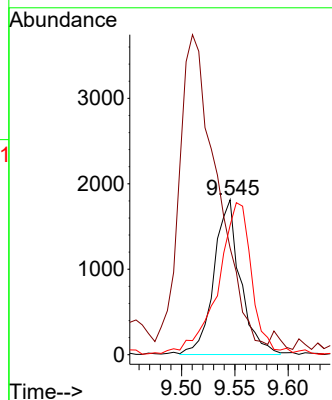
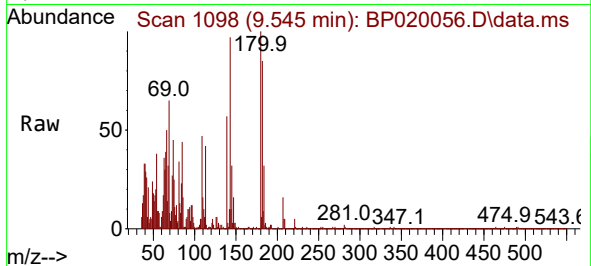




#25
2-Nitrophenol
Concen: 1.035 ng/ul
RT: 9.545 min Scan# 1098
Delta R.T. 0.006 min
Lab File: BP020056.D
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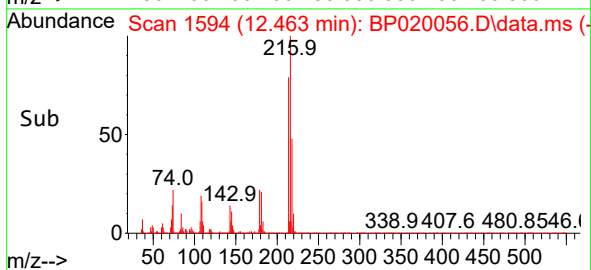
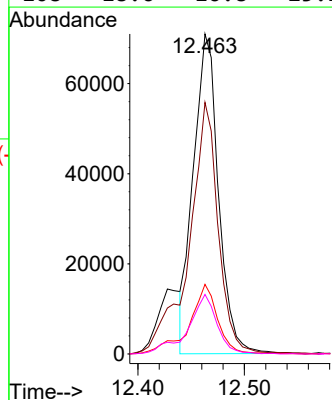
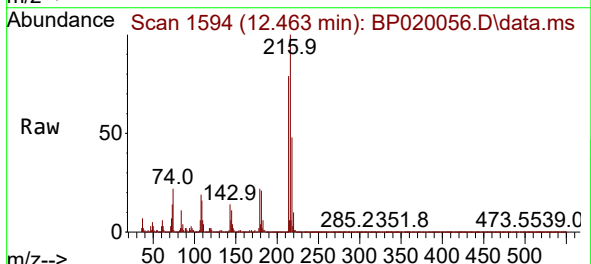
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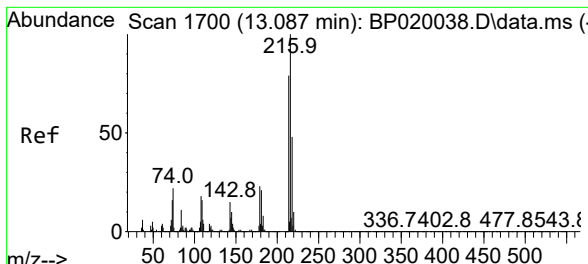
Tgt Ion:139 Resp: 3115
Ion Ratio Lower Upper
139 100
65 68.8 58.6 87.8
109 83.6 34.8 52.2#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 14.589 ng/ul
RT: 12.463 min Scan# 1594
Delta R.T. 0.006 min
Lab File: BP020056.D
Acq: 21 Apr 2024 00:35

Tgt Ion:216 Resp: 116313
Ion Ratio Lower Upper
216 100
214 78.6 64.2 96.2
179 21.8 17.3 25.9
108 18.6 16.8 25.2

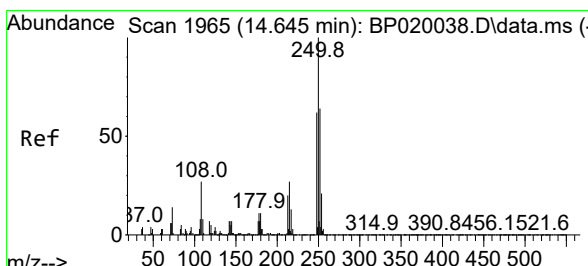
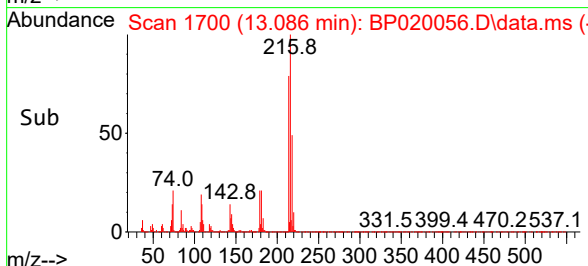
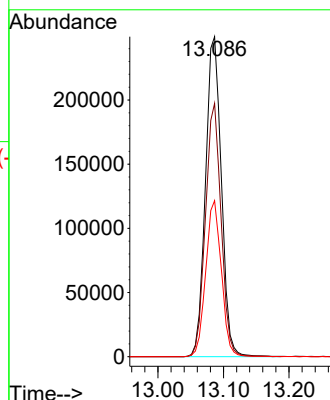
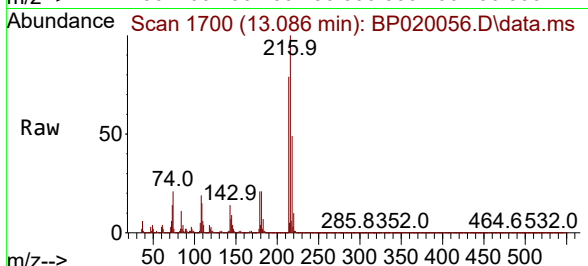




#75
1,2,3,4-Tetrachlorobenzene
Concen: 51.783 ng/uL
RT: 13.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP020056.D
Acq: 21 Apr 2024 00:35

Instrument :
BNA_P
ClientSampleId :
CORE4

Tgt Ion:216 Resp: 420541
Ion Ratio Lower Upper
216 100
214 79.2 59.3 88.9
218 48.7 37.8 56.8



#76
Pentachlorobenzene
Concen: 2.093 ng/uL
RT: 14.639 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP020056.D
Acq: 21 Apr 2024 00:35

Tgt Ion:250 Resp: 15992
Ion Ratio Lower Upper
250 100
248 66.4 51.2 76.8
252 62.6 50.9 76.3

