

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
 Data File : BP019011.D
 Acq On : 21 Dec 2023 21:54
 Operator : MA/JU
 Sample : 05808-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B02

Quant Time: Dec 22 08:49:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 21 04:46:12 2023
 Response via : Initial Calibration

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

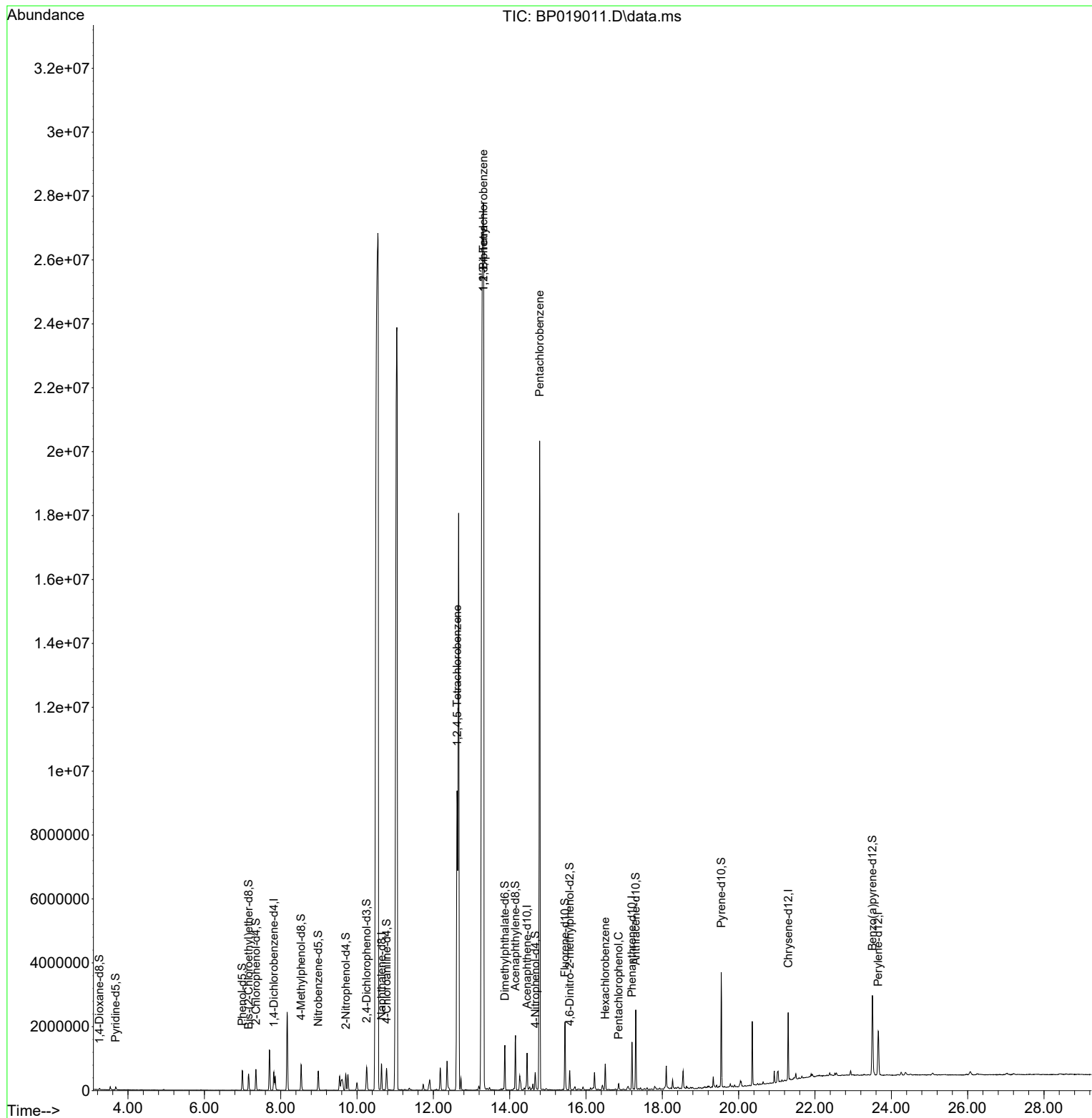
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	155545	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	578306	20.000	ng/u1	0.03
38) Acenaphthene-d10	14.457	164	380894	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	880819	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	952874	20.000	ng/u1	# 0.00
88) Perylene-d12	23.657	264	1114493	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19256	4.219	ng/uL	0.00
4) Pyridine-d5	3.675	84	53892	4.408	ng/u1	0.00
7) Phenol-d5	6.993	99	366755	23.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	218619	23.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	298344	24.494	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	305043	24.147	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	151776	29.488	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	175177	32.827	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.251	165	324530	29.741	ng/u1	0.00
31) 4-Chloroaniline-d4	10.775	131	382309	26.809	ng/u1	0.01
46) Dimethylphthalate-d6	13.875	166	945716	27.819	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	1084785	28.979	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	151055	27.070	ng/u1	0.00
60) Fluorene-d10	15.451	176	846244	29.656	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	145960	27.637	ng/u1	0.00
73) Anthracene-d10	17.304	188	1338988	28.916	ng/u1	0.00
81) Pyrene-d10	19.545	212	1720680	23.198	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	1905241	29.319	ng/u1	0.00
Target Compounds						
					Qvalue	
39) 1,2,4,5-Tetrachloroben...	12.622	216	4004950	289.807	ng/u1	98
43) 1,1'-Biphenyl	13.310	154	139908	4.247	ng/u1#	81
69) Hexachlorobenzene	16.504	284	171062	13.778	ng/u1	96
71) Pentachlorophenol	16.857	266	38793	5.254	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.310	216	23993674	1575.403	ng/uL	97
76) Pentachlorobenzene	14.786	250	6536173	436.895	ng/uL	98

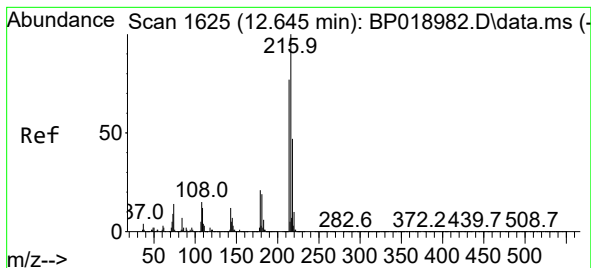
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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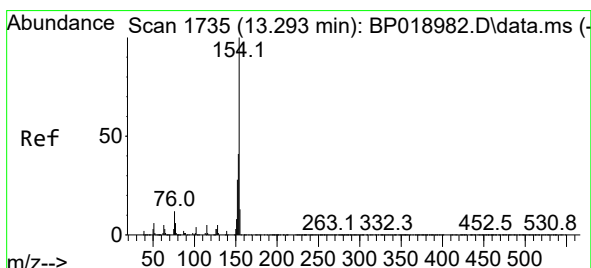
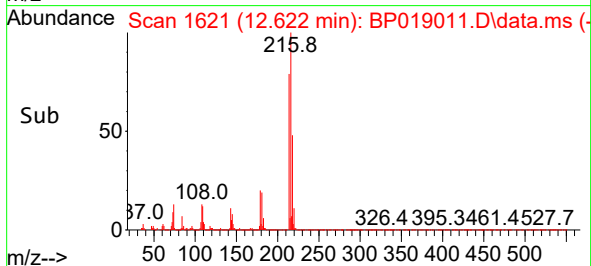
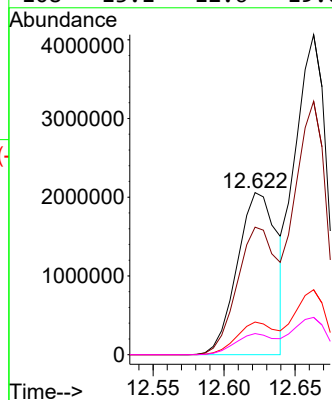
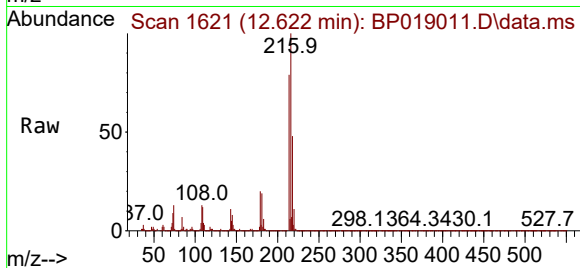




#39
1,2,4,5-Tetrachlorobenzene
Concen: 289.807 ng/ul
RT: 12.622 min Scan# 1621
Delta R.T. -0.024 min
Lab File: BP019011.D
Acq: 21 Dec 2023 21:54

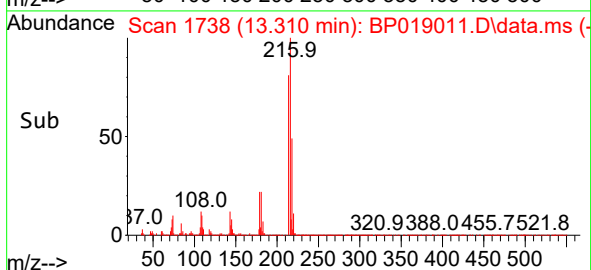
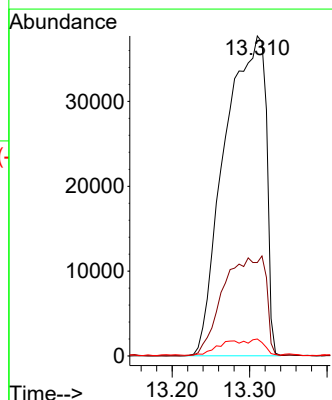
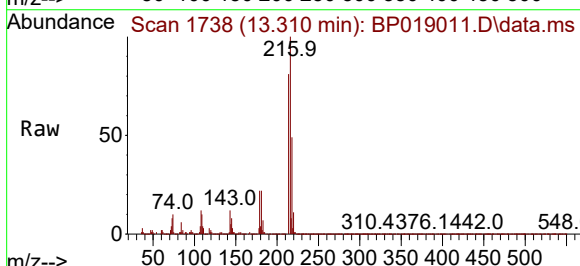
Instrument :
BNA_P
ClientSampleId :
C0B02

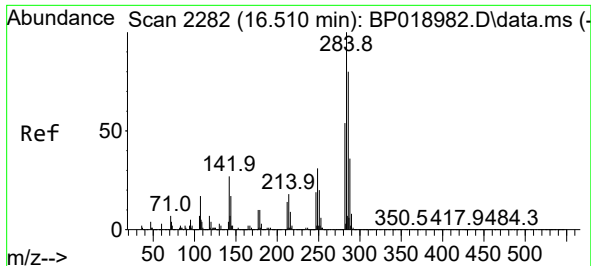
Tgt Ion:216 Resp: 4004950
Ion Ratio Lower Upper
216 100
214 78.6 63.9 95.9
179 20.1 16.3 24.5
108 13.1 12.6 19.0



#43
1,1'-Biphenyl
Concen: 4.247 ng/ul
RT: 13.310 min Scan# 1738
Delta R.T. 0.018 min
Lab File: BP019011.D
Acq: 21 Dec 2023 21:54

Tgt Ion:154 Resp: 139908
Ion Ratio Lower Upper
154 100
153 29.2 32.8 49.2#
76 5.3 10.7 16.1#

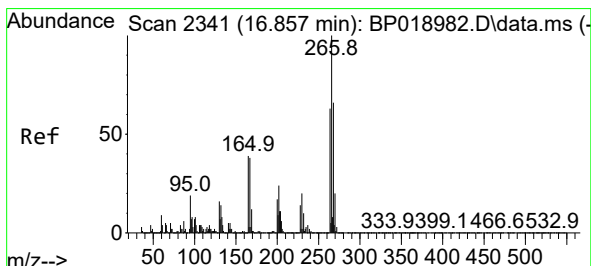
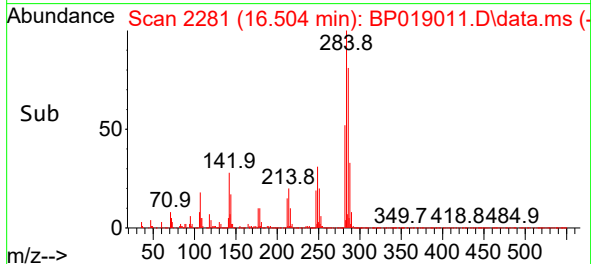
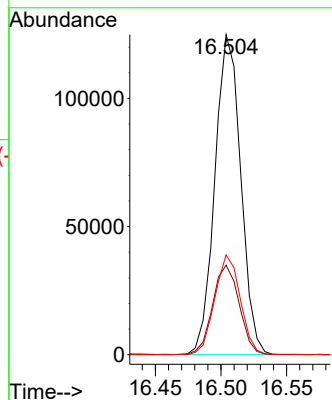
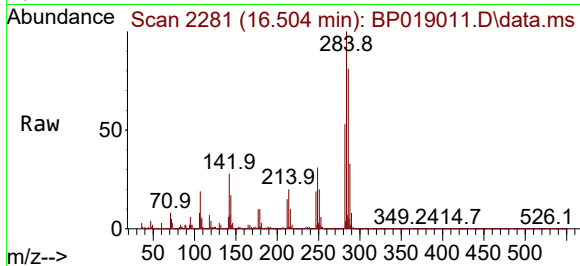




#69
Hexachlorobenzene
Concen: 13.778 ng/ul
RT: 16.504 min Scan# 2281
Delta R.T. -0.006 min
Lab File: BP019011.D
Acq: 21 Dec 2023 21:54

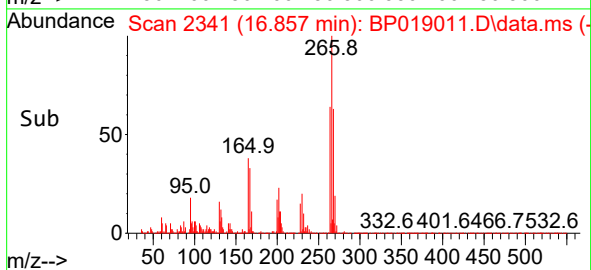
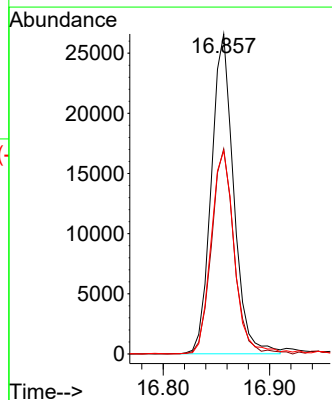
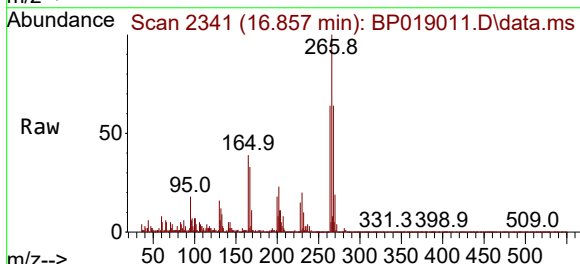
Instrument :
BNA_P
ClientSampleId :
C0B02

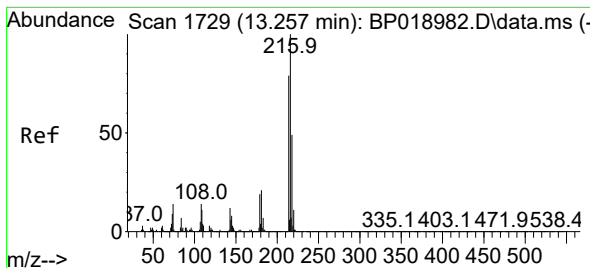
Tgt Ion:284 Resp: 171062
Ion Ratio Lower Upper
284 100
142 28.0 25.8 38.6
249 31.2 24.9 37.3



#71
Pentachlorophenol
Concen: 5.254 ng/ul
RT: 16.857 min Scan# 2341
Delta R.T. -0.000 min
Lab File: BP019011.D
Acq: 21 Dec 2023 21:54

Tgt Ion:266 Resp: 38793
Ion Ratio Lower Upper
266 100
264 64.1 50.2 75.2
268 63.5 50.5 75.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 1575.403 ng/uL

RT: 13.310 min Scan# 1

Delta R.T. 0.053 min

Lab File: BP019011.D

Acq: 21 Dec 2023 21:54

Instrument :

BNA_P

ClientSampleId :

C0B02

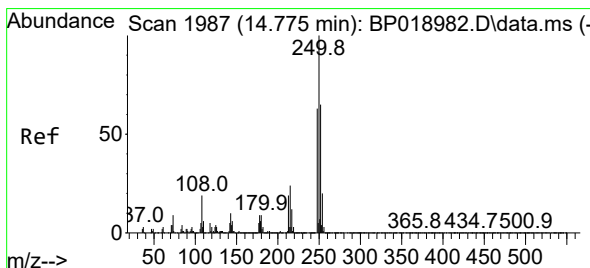
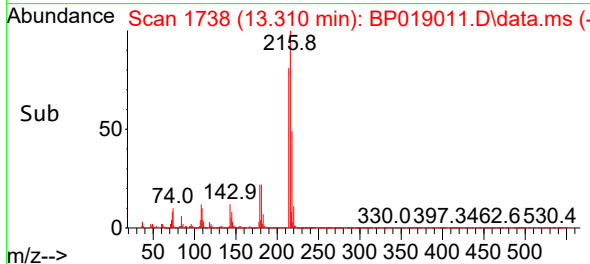
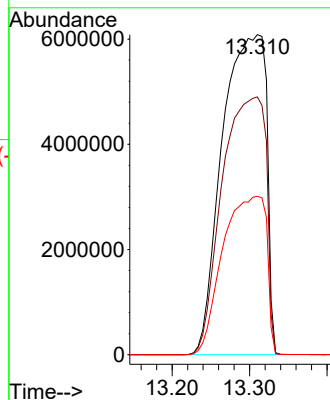
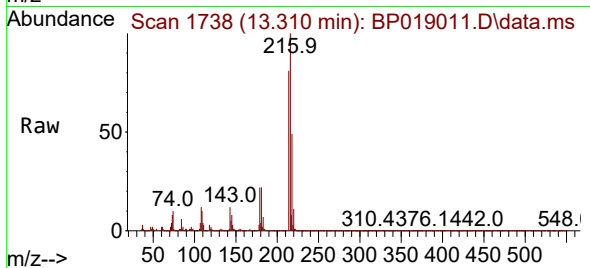
Tgt Ion:216 Resp:23993674

Ion Ratio Lower Upper

216 100

214 80.5 61.4 92.2

218 49.5 39.2 58.8



#76

Pentachlorobenzene

Concen: 436.895 ng/uL

RT: 14.786 min Scan# 1989

Delta R.T. 0.012 min

Lab File: BP019011.D

Acq: 21 Dec 2023 21:54

Tgt Ion:250 Resp: 6536173

Ion Ratio Lower Upper

250 100

248 65.4 50.6 75.8

252 64.6 51.3 76.9

