

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042423\
 Data File : BN025112.D
 Acq On : 24 Apr 2023 13:43
 Operator : CG/JU
 Sample : 02400-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COML7

Quant Time: Apr 25 01:25:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 01:54:00 2023
 Response via : Initial Calibration

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

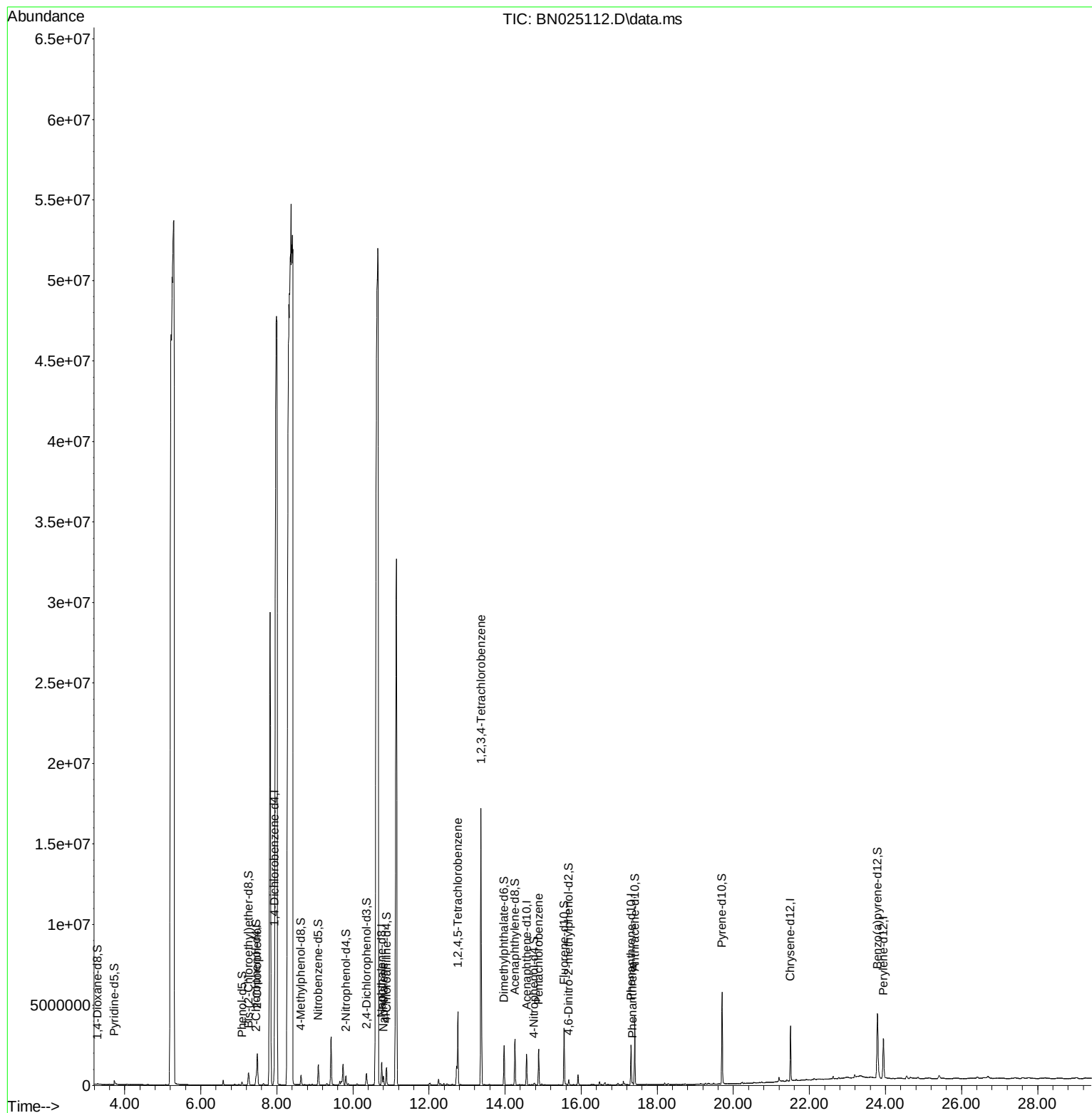
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	192835	20.000	ng/ul	0.02
20) Naphthalene-d8	10.757	136	923762	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.563	164	585270	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1332751	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	1478014	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	1668768	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	20599	4.066	ng/uL	0.00
4) Pyridine-d5	3.723	84	141290	9.313	ng/ul	0.00
7) Phenol-d5	7.081	99	98508	5.240	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	434396	34.545	ng/ul	0.01
11) 2-Chlorophenol-d4	7.452	132	240469	17.405	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	200720	13.449	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	250859	33.539	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	153555	18.954	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.358	165	258166	17.828	ng/ul	0.01
31) 4-Chloroaniline-d4	10.881	131	512049	23.301	ng/ul	0.01
46) Dimethylphthalate-d6	13.975	166	1479739	32.614	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1713537	32.957	ng/ul	0.00
54) 4-Nitrophenol-d4	14.763	143	24412	2.625	ng/ul	0.00
60) Fluorene-d10	15.557	176	1313343	34.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	50855	5.863	ng/ul	0.00
73) Anthracene-d10	17.410	188	2200771	35.159	ng/ul	0.00
81) Pyrene-d10	19.704	212	2816654	32.818	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	3156146	36.172	ng/ul	0.00
Target Compounds						
						Qvalue
12) 2-Chlorophenol	7.481	128	847403	58.725	ng/ul	99
30) Naphthalene	10.799	128	368874	7.150	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	1264210	74.052	ng/ul	98
72) Phenanthrene	17.351	178	80197	1.066	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	4845813	255.633	ng/uL	97
76) Pentachlorobenzene	14.881	250	497186	27.414	ng/uL	100

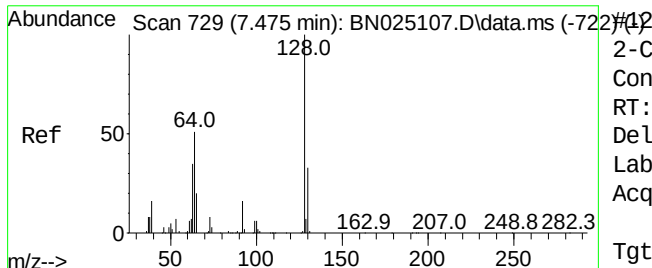
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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2-Chlorophenol

Concen: 58.725 ng/ul

RT: 7.481 min Scan#

Delta R.T. 0.006 min

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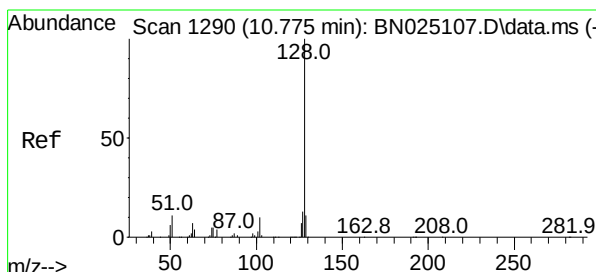
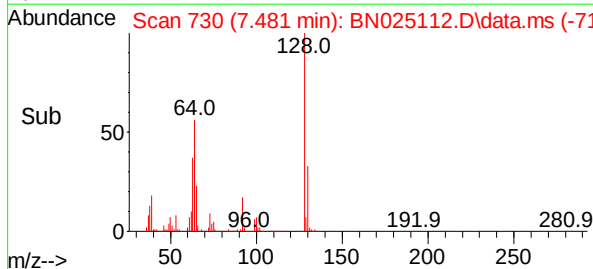
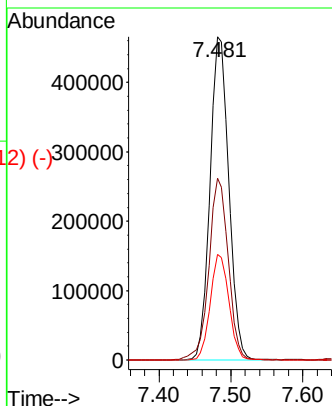
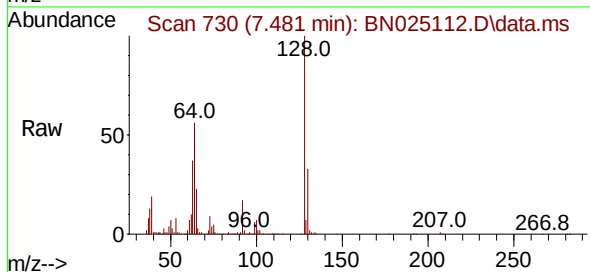
Tgt Ion:128 Resp: 847403

Ion Ratio Lower Upper

128 100

64 56.2 44.8 67.2

130 32.7 26.6 39.8



Naphthalene

Concen: 7.150 ng/ul

RT: 10.799 min Scan# 1294

Delta R.T. 0.018 min

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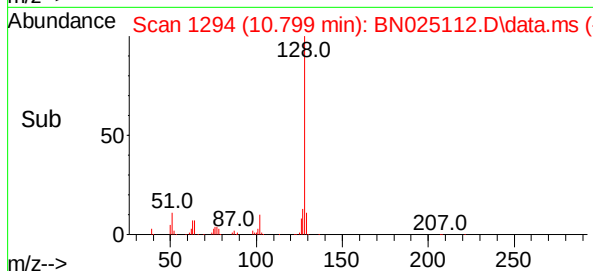
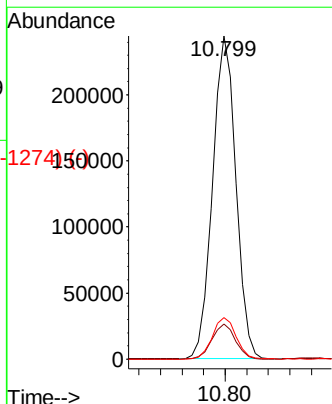
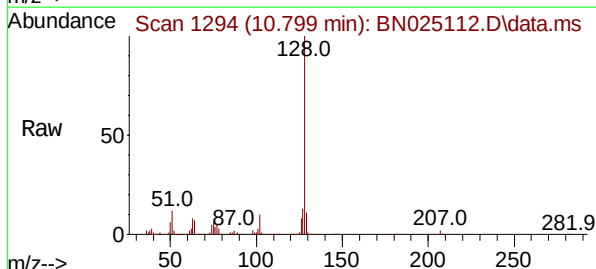
Tgt Ion:128 Resp: 368874

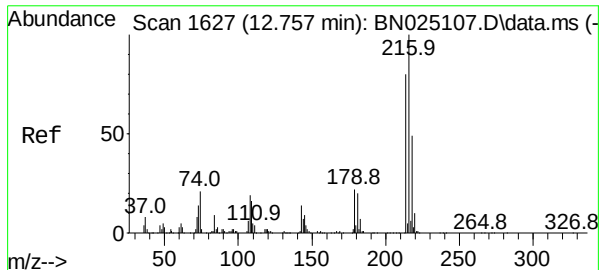
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 12.8 10.7 16.1



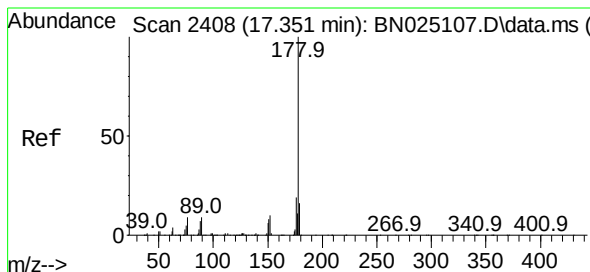
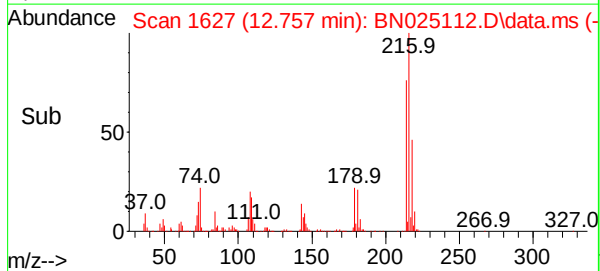
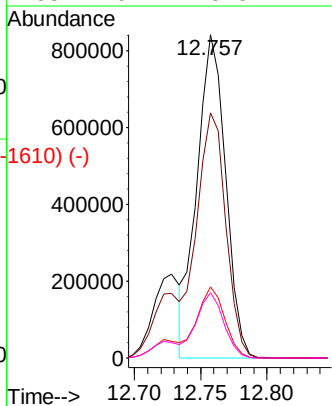
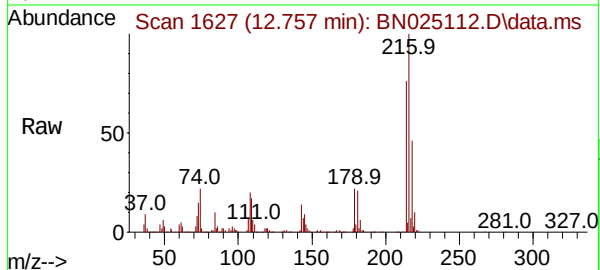


1,2,4,5-Tetrachlorobenzene
 Concen: 74.052 ng/ul
 RT: 12.757 min Scan# 1627
 Delta R.T. 0.000 min
 Lab File: BN025112.D
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Tgt Ion:216 Resp: 1264210

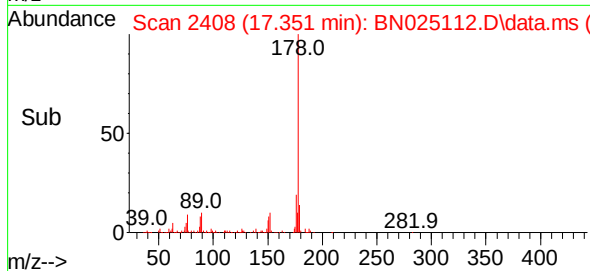
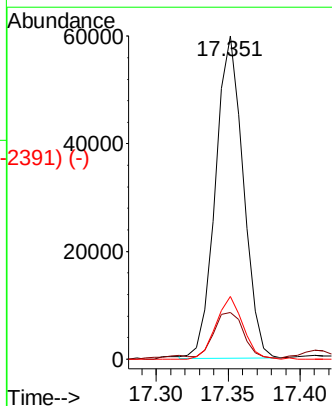
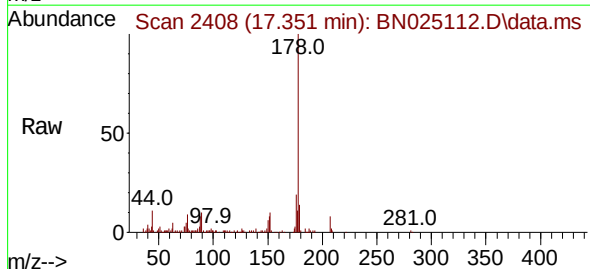
Ion	Ratio	Lower	Upper
216	100		
214	75.9	62.2	93.4
179	22.1	16.8	25.2
108	20.1	15.0	22.6



Phenanthrene
 Concen: 1.066 ng/ul
 RT: 17.351 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BN025112.D
 Acq: 24 Apr 2023 13:43

Tgt Ion:178 Resp: 80197

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	19.4	15.2	22.8



Abundance Scan 1730 (13.363 min): BN025107.D\data.ms (-1725) (-)

1,2,3,4-Tetrachlorobenzene

Concen: 255.633 ng/uL

RT: 13.369 min Scan# 1730

Delta R.T. 0.006 min

Lab File: BN025112.D

Acq: 24 Apr 2023 13:43

Instrument :

BNA_N

ClientSampleId :

COML7

Tgt Ion:216 Resp: 4845813

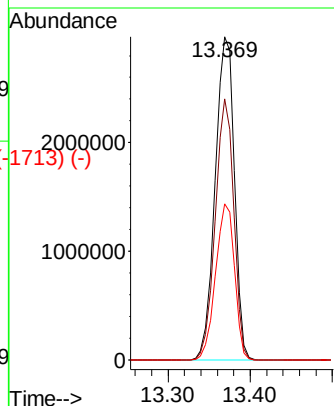
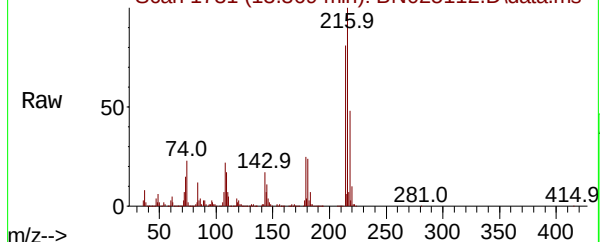
Ion Ratio Lower Upper

216 100

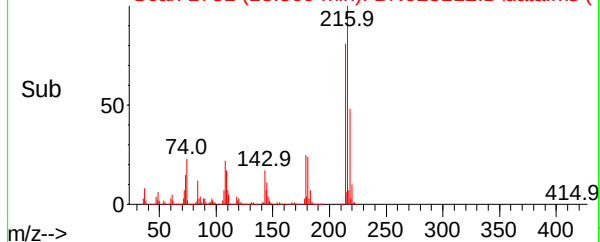
214 80.9 62.5 93.7

218 48.2 37.7 56.5

Abundance Scan 1731 (13.369 min): BN025112.D\data.ms



Abundance Scan 1731 (13.369 min): BN025112.D\data.ms (-1713) (-)



Abundance Scan 1988 (14.881 min): BN025107.D\data.ms (-1971) (-)

Pentachlorobenzene

Concen: 27.414 ng/uL

RT: 14.881 min Scan# 1988

Delta R.T. 0.000 min

Lab File: BN025112.D

Acq: 24 Apr 2023 13:43

Tgt Ion:250 Resp: 497186

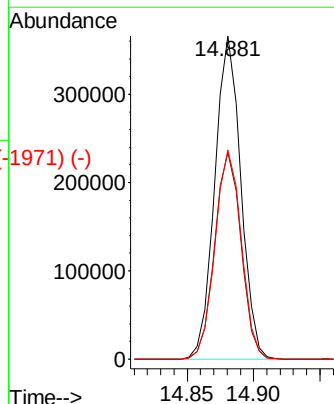
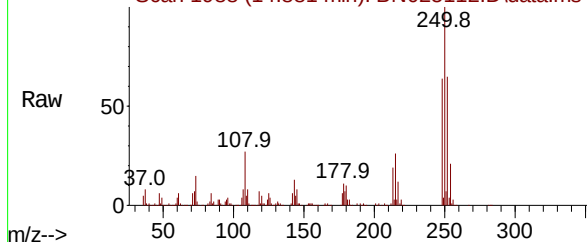
Ion Ratio Lower Upper

250 100

248 64.1 50.8 76.2

252 64.8 51.8 77.6

Abundance Scan 1988 (14.881 min): BN025112.D\data.ms



Abundance Scan 1988 (14.881 min): BN025112.D\data.ms (-1971) (-)

