

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031071.D
 Acq On : 20 Apr 2024 12:51
 Operator : MA/JU
 Sample : P2159-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CORD3

Quant Time: Apr 21 13:00:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

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

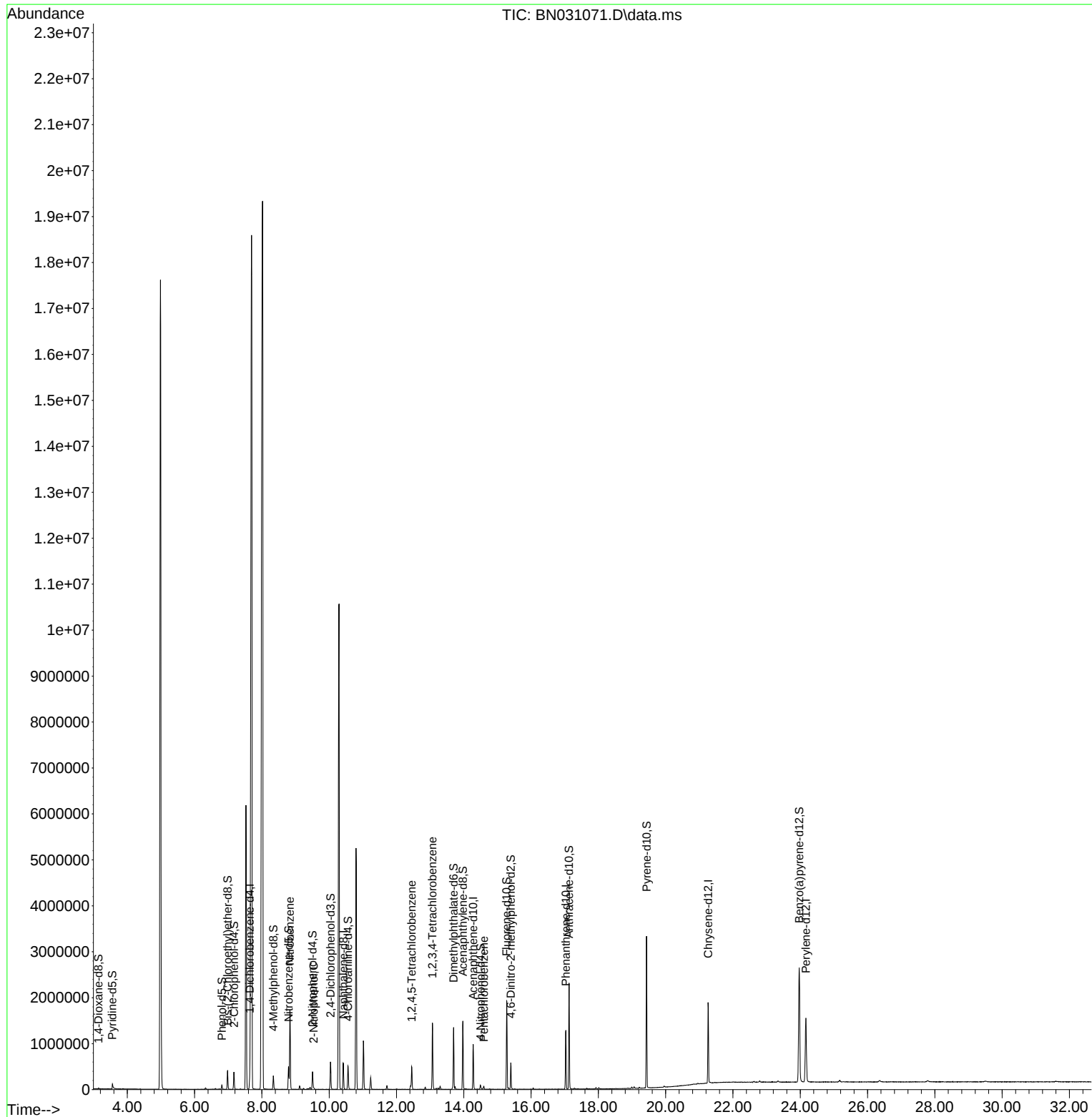
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	99419	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	466637	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	326140	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	759225	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	910785	20.000	ng/u1	0.00
88) Perylene-d12	24.168	264	1169291	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	8382	3.939	ng/uL	0.00
4) Pyridine-d5	3.558	84	71940	11.739	ng/u1	0.00
7) Phenol-d5	6.810	99	50054	5.968	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	176514	36.175	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	170181	26.061	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	106127	15.047	ng/u1	0.00
21) Nitrobenzene-d5	8.793	128	119055	35.510	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	119214	34.207	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	206999	30.119	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	275600	25.661	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	854728	37.661	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	962109	37.410	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	24699	5.214	ng/u1	0.00
60) Fluorene-d10	15.275	176	766002	38.771	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	107955	28.183	ng/u1	0.00
73) Anthracene-d10	17.128	188	1281361	38.938	ng/u1	0.00
81) Pyrene-d10	19.433	212	1657483	37.034	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	2151522	38.802	ng/u1	0.00
Target Compounds						
					Qvalue	
22) Nitrobenzene	8.834	77	918250	116.042	ng/u1	99
25) 2-Nitrophenol	9.540	139	9140	2.370	ng/u1	92
39) 1,2,4,5-Tetrachloroben...	12.451	216	170507	19.980	ng/u1	96
75) 1,2,3,4-Tetrachloroben...	13.069	216	413370	46.418	ng/uL	99
76) Pentachlorobenzene	14.598	250	14295	1.554	ng/uL	96

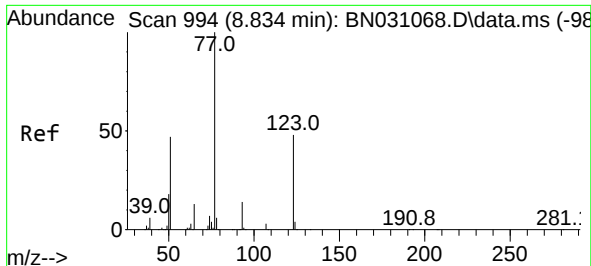
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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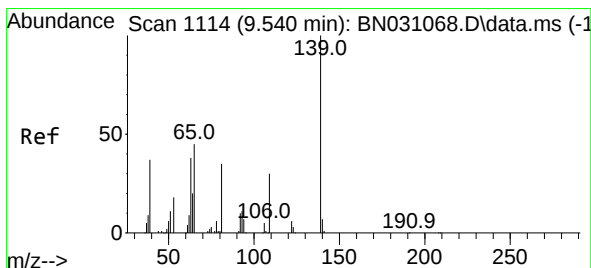
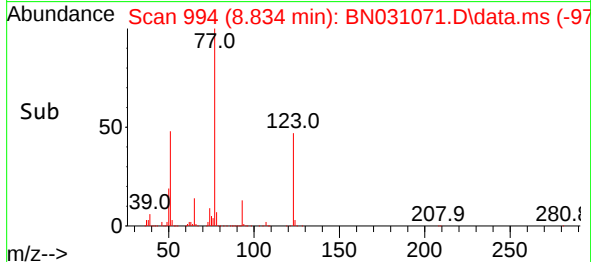
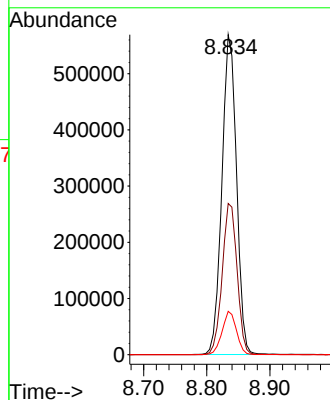
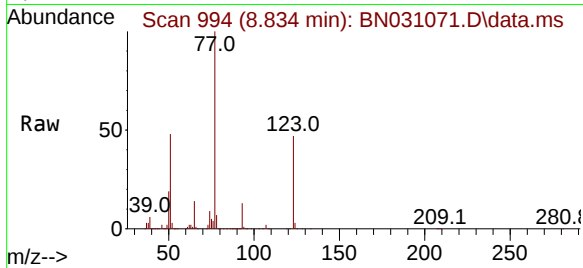




#22
Nitrobenzene
Concen: 116.042 ng/ul
RT: 8.834 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN031071.D
Acq: 20 Apr 2024 12:51

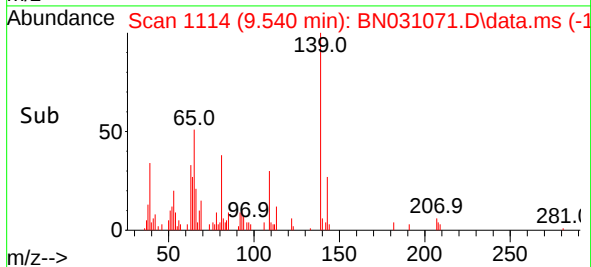
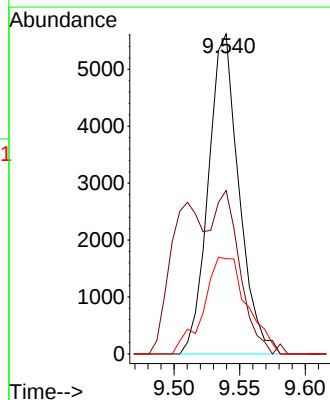
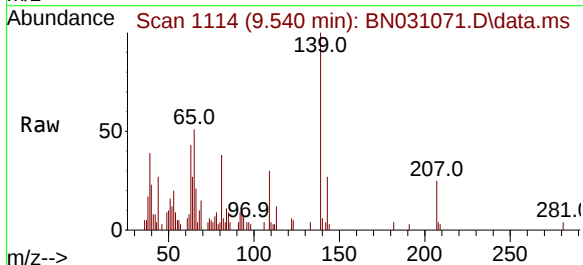
Instrument :
BNA_N
ClientSampleId :
CORD3

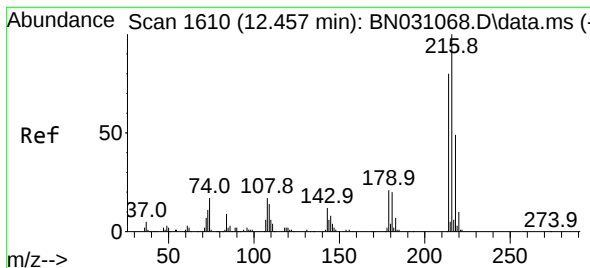
Tgt Ion: 77 Resp: 918250
Ion Ratio Lower Upper
77 100
123 47.3 38.2 57.2
65 13.6 10.7 16.1



#25
2-Nitrophenol
Concen: 2.370 ng/ul
RT: 9.540 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BN031071.D
Acq: 20 Apr 2024 12:51

Tgt Ion: 139 Resp: 9140
Ion Ratio Lower Upper
139 100
65 51.1 35.2 52.8
109 29.8 25.4 38.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.980 ng/ul

RT: 12.451 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BN031071.D

Acq: 20 Apr 2024 12:51

Instrument :

BNA_N

ClientSampleId :

C0RD3

Tgt Ion:216 Resp: 170507

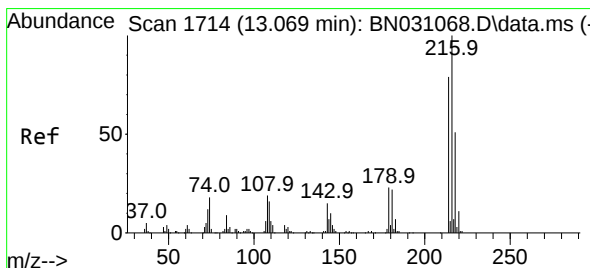
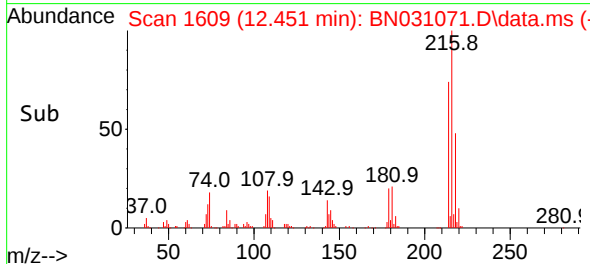
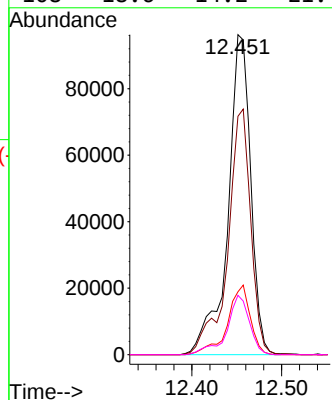
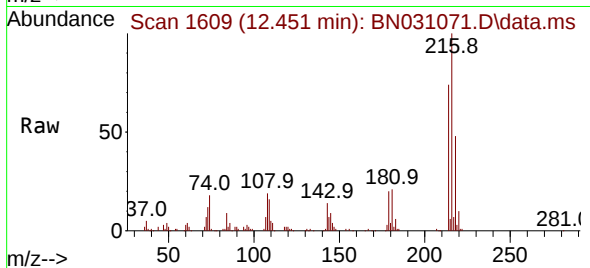
Ion Ratio Lower Upper

216 100

214 74.5 63.1 94.7

179 19.7 17.0 25.6

108 18.6 14.2 21.4



#75

1,2,3,4-Tetrachlorobenzene

Concen: 46.418 ng/ul

RT: 13.069 min Scan# 1714

Delta R.T. -0.006 min

Lab File: BN031071.D

Acq: 20 Apr 2024 12:51

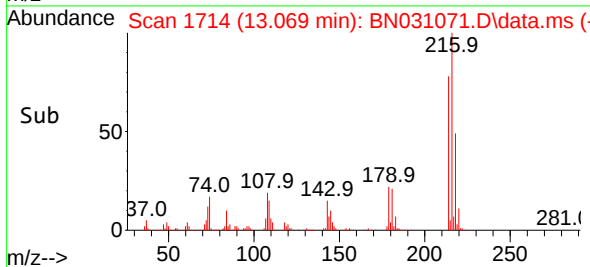
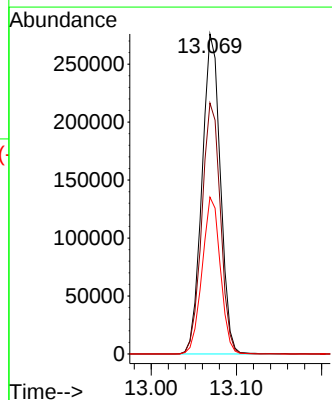
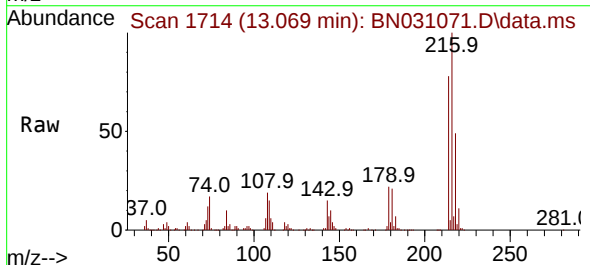
Tgt Ion:216 Resp: 413370

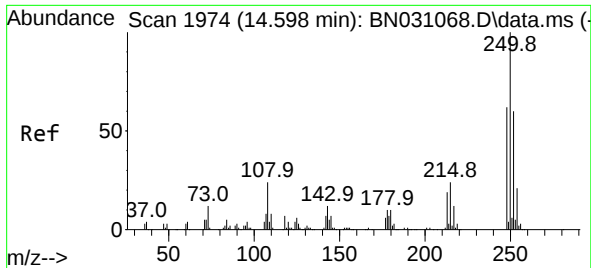
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

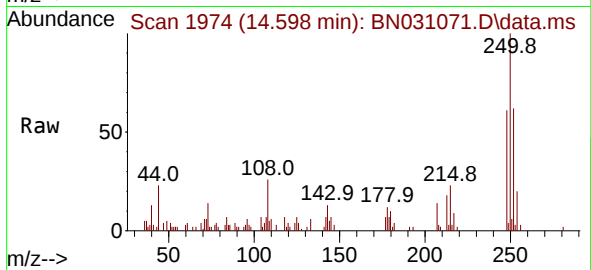
218 49.0 38.3 57.5





#76
 Pentachlorobenzene
 Concen: 1.554 ng/uL
 RT: 14.598 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: BN031071.D
 Acq: 20 Apr 2024 12:51

Instrument :
 BNA_N
 ClientSampleId :
 CORD3



Tgt Ion:	250	Resp:	14295
Ion Ratio	Lower	Upper	
250	100		
248	61.0	49.3	73.9
252	60.7	52.9	79.3

