

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031331.D
 Acq On : 30 Apr 2024 21:54
 Operator : MA/JU
 Sample : P2269-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 23:33:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 30 23:30:44 2024
 Response via : Initial Calibration

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

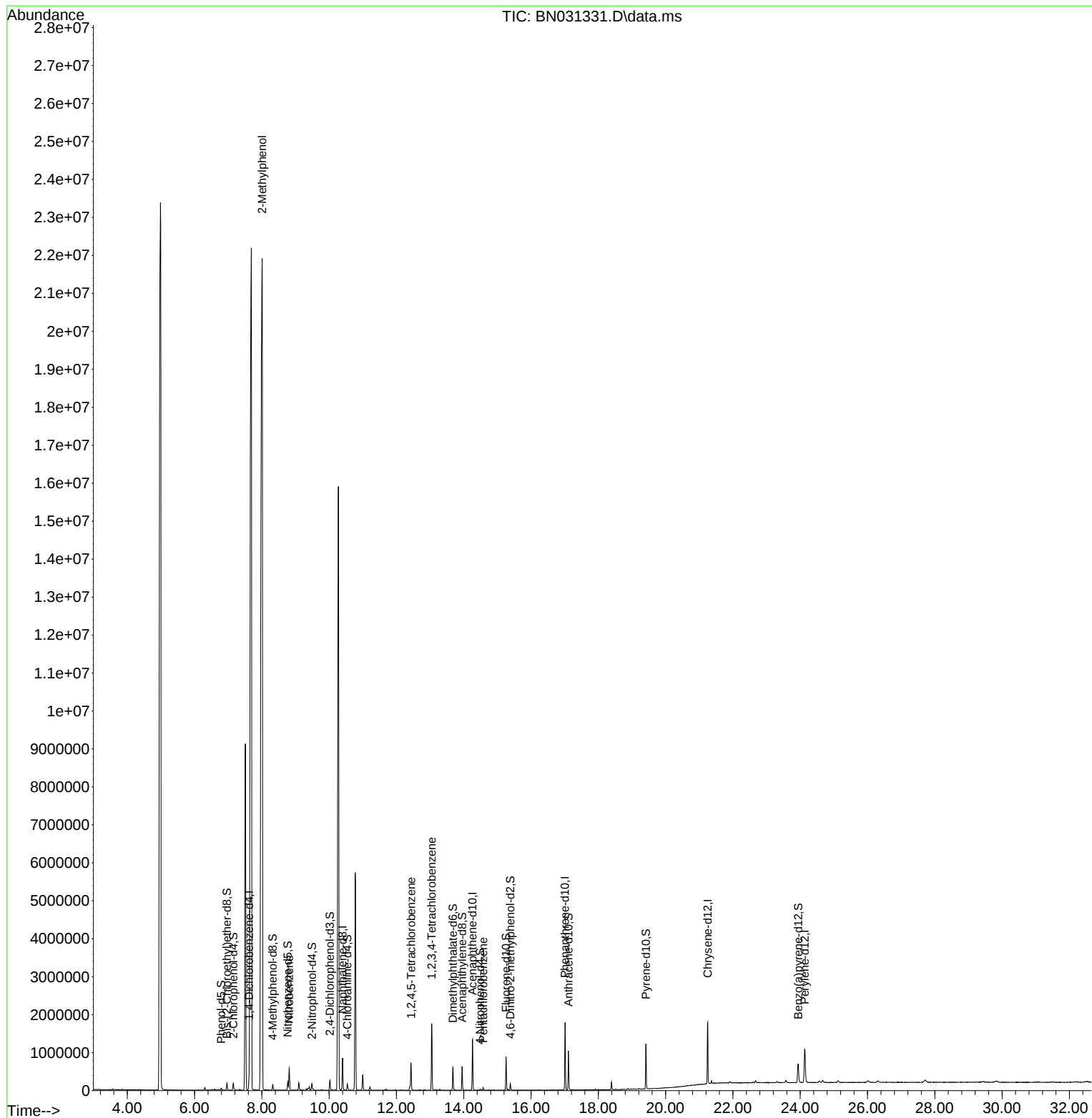
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	140364	20.000	ng/uL	0.01
20) Naphthalene-d8	10.399	136	656648	20.000	ng/uL	0.00
38) Acenaphthene-d10	14.263	164	451477	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.010	188	1015930	20.000	ng/uL	0.00
79) Chrysene-d12	21.251	240	803881	20.000	ng/uL	0.00
88) Perylene-d12	24.133	264	729725	20.000	ng/uL	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2774	0.920	ng/uL	0.01
4) Pyridine-d5	3.523	84	353	0.041	ng/uL	-0.01
7) Phenol-d5	6.793	99	28542	2.527	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	6.964	67	80674	12.199	ng/uL	0.00
11) 2-Chlorophenol-d4	7.152	132	84036	9.300	ng/uL	0.00
15) 4-Methylphenol-d8	8.322	113	54584	5.832	ng/uL	0.00
21) Nitrobenzene-d5	8.769	128	49847	10.533	ng/uL	0.00
24) 2-Nitrophenol-d4	9.487	143	49917	9.801	ng/uL	0.00
28) 2,4-Dichlorophenol-d3	10.022	165	94409	9.982	ng/uL	0.00
31) 4-Chloroaniline-d4	10.540	131	84278	6.149	ng/uL	0.00
46) Dimethylphthalate-d6	13.675	166	367450	12.345	ng/uL	0.00
49) Acenaphthylene-d8	13.951	160	393480	11.393	ng/uL	0.00
54) 4-Nitrophenol-d4	14.487	143	8054	1.491	ng/uL	0.00
60) Fluorene-d10	15.257	176	327225	12.874	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.387	200	33159	6.347	ng/uL	0.00
73) Anthracene-d10	17.110	188	520450	12.413	ng/uL	0.00
81) Pyrene-d10	19.416	212	593801	12.129	ng/uL	0.00
92) Benzo(a)pyrene-d12	23.939	264	410025	12.137	ng/uL	-0.01
Target Compounds						
						Qvalue
13) 2-Methylphenol	8.011	108	151334	16.974	ng/uL	88
22) Nitrobenzene	8.811	77	309869	27.905	ng/uL	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	239918	20.589	ng/uL	96
75) 1,2,3,4-Tetrachloroben...	13.046	216	510370	39.661	ng/uL	96
76) Pentachlorobenzene	14.575	250	14867	1.178	ng/uL	98

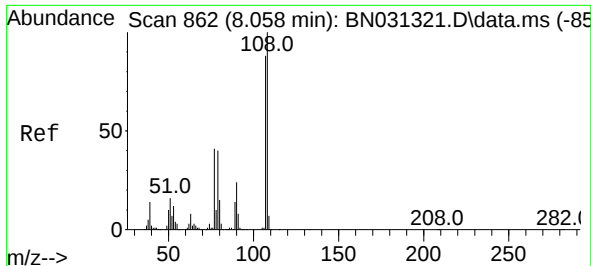
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

2-Methylphenol

Concen: 16.974 ng/ul

RT: 8.011 min Scan# 80

Delta R.T. -0.047 min

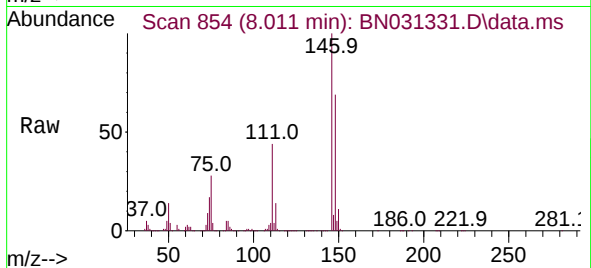
Lab File: BN031331.D

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BNA_N

ClientSampleId :

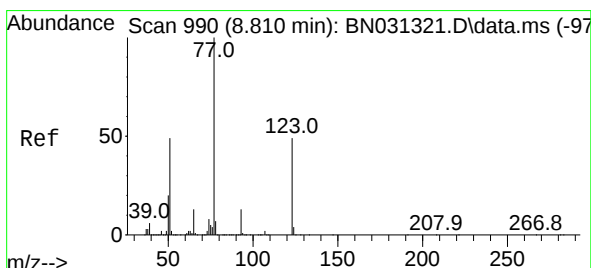
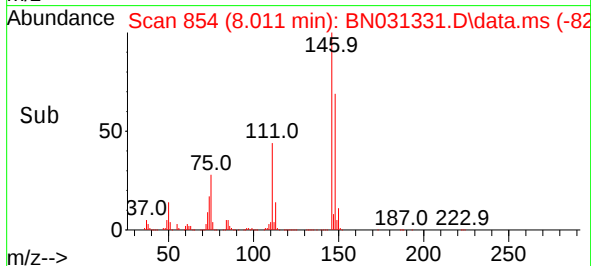
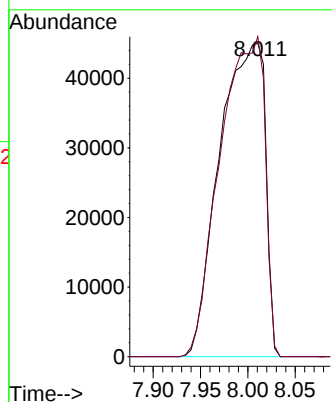


Tgt Ion:108 Resp: 151334

Ion Ratio Lower Upper

108 100

107 102.1 72.3 108.5



#22

Nitrobenzene

Concen: 27.905 ng/ul

RT: 8.811 min Scan# 990

Delta R.T. 0.000 min

Lab File: BN031331.D

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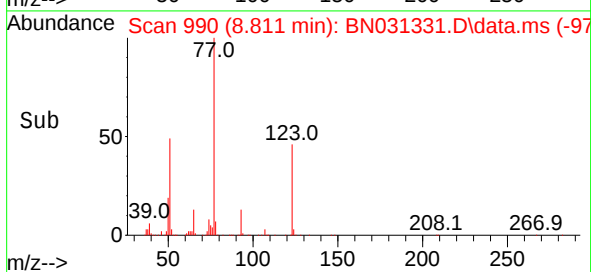
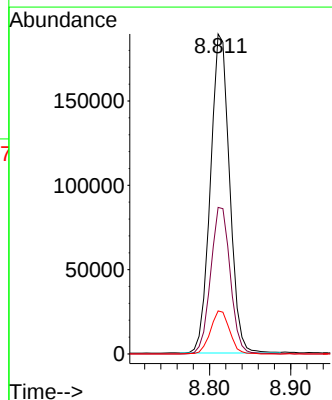
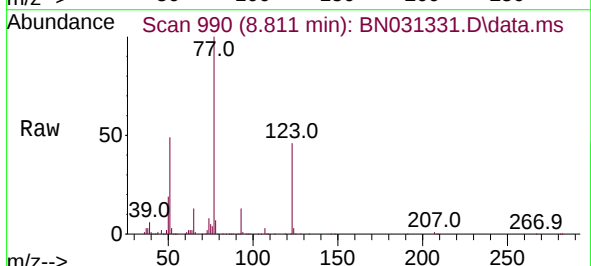
Tgt Ion: 77 Resp: 309869

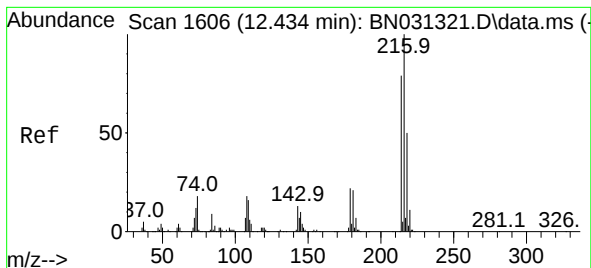
Ion Ratio Lower Upper

77 100

123 45.8 37.3 55.9

65 13.5 10.8 16.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.589 ng/uL

RT: 12.434 min Scan# 1

Delta R.T. 0.000 min

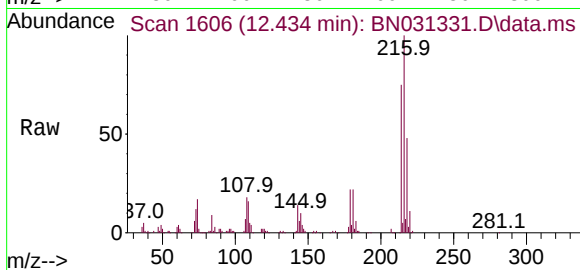
Lab File: BN031331.D

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Instrument :

BNA_N

ClientSampleId :



Tgt Ion:216 Resp: 239918

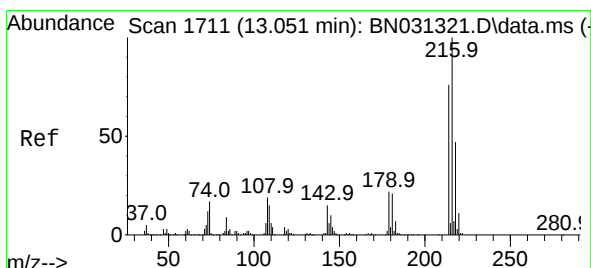
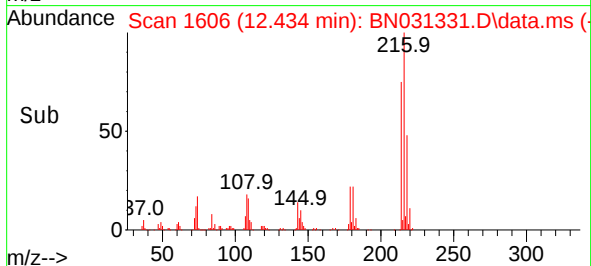
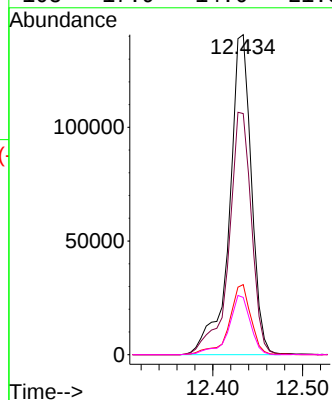
Ion Ratio Lower Upper

216 100

214 75.3 64.5 96.7

179 21.9 17.1 25.7

108 17.9 14.6 21.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.661 ng/uL

RT: 13.046 min Scan# 1710

Delta R.T. -0.006 min

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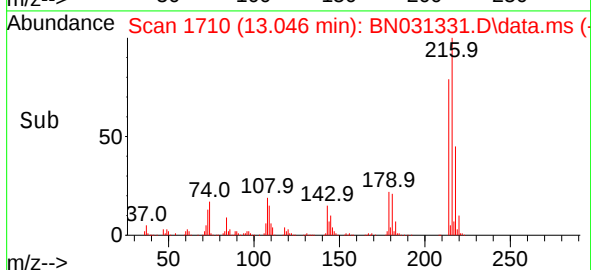
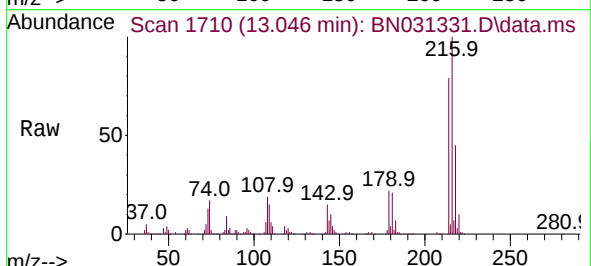
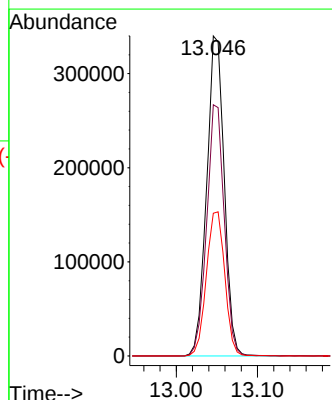
Tgt Ion:216 Resp: 510370

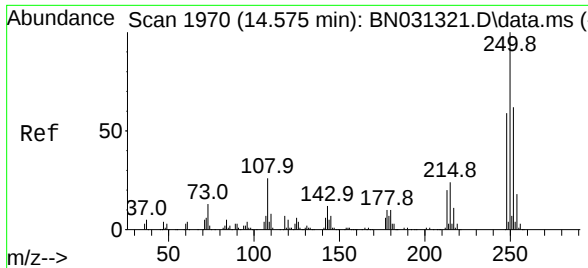
Ion Ratio Lower Upper

216 100

214 78.5 61.7 92.5

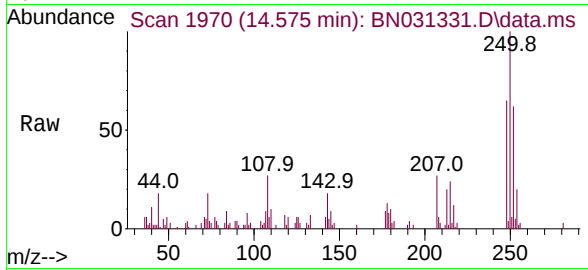
218 44.6 39.4 59.0





#76
Pentachlorobenzene
Concen: 1.178 ng/uL
RT: 14.575 min Scan# 14867
Delta R.T. 0.000 min
Lab File: BN031331.D
Acq: 30 Apr 2024 21:54

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:	250	Resp:	14867
Ion Ratio	Lower	Upper	
250	100		
248	65.3	51.0	76.6
252	61.6	48.2	72.2

