

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031152.D
 Acq On : 23 Apr 2024 12:58
 Operator : MA/JU
 Sample : P2159-12DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 23 22:40:38 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

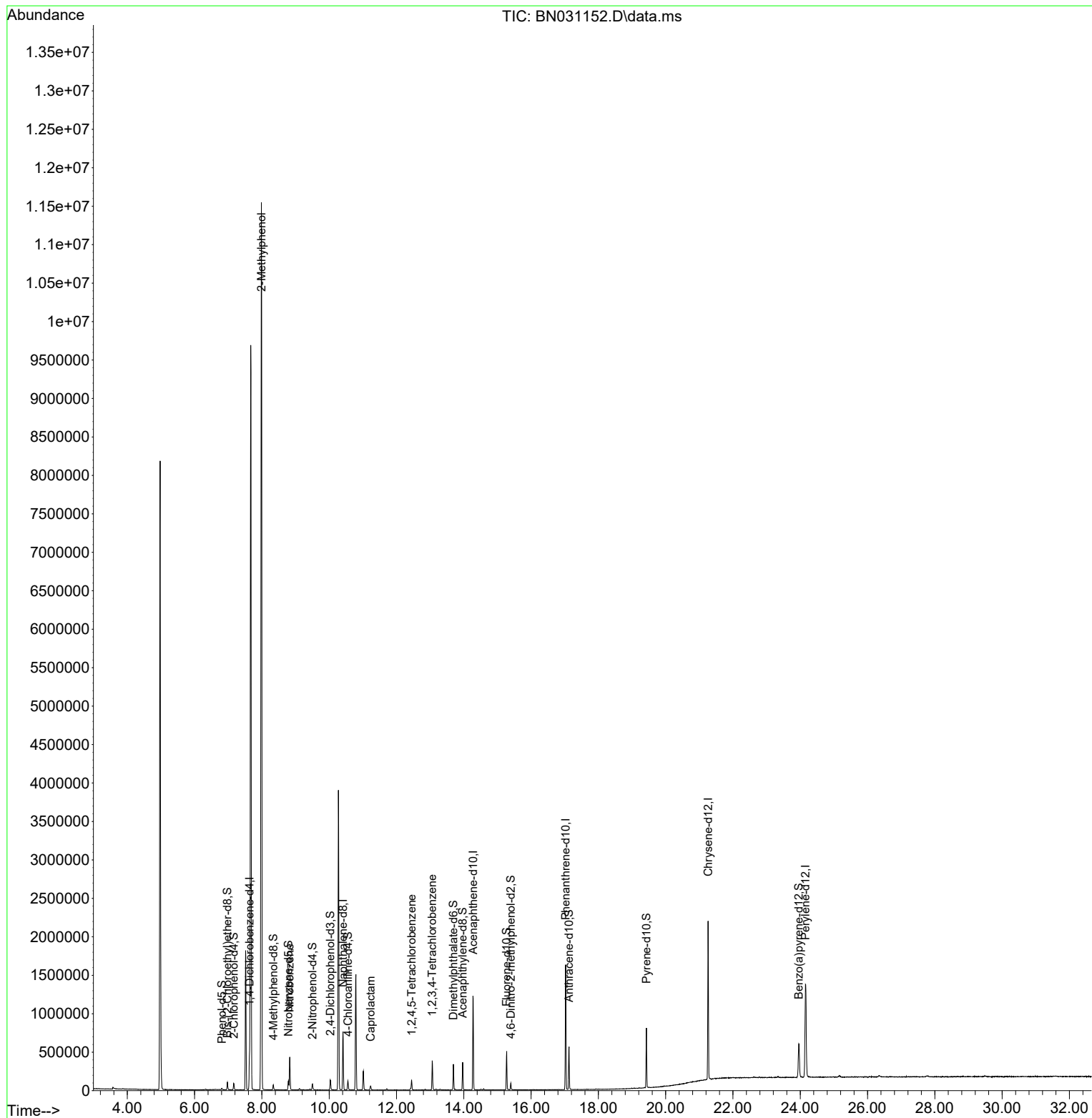
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	129651	20.000	ng/u1	0.00
20) Naphthalene-d8	10.410	136	602924	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	421611	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	936295	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	988200	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1100496	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	2255	0.813	ng/uL	0.00
4) Pyridine-d5	3.534	84	225	0.028	ng/u1	-0.02
7) Phenol-d5	6.811	99	11654	1.066	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	43638	6.858	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	40610	4.769	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	25287	2.749	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	27159	6.269	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	24976	5.547	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	48699	5.484	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	65629	4.729	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	207910	7.087	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	224756	6.760	ng/u1	0.00
54) 4-Nitrophenol-d4	14.504	143	1262	0.206	ng/u1	0.01
60) Fluorene-d10	15.275	176	185746	7.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	16385	3.469	ng/u1	0.00
73) Anthracene-d10	17.128	188	303893	7.488	ng/u1	0.00
81) Pyrene-d10	19.427	212	389423	8.019	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	376730	7.219	ng/u1	-0.02
Target Compounds						
13) 2-Methylphenol	7.987	108	44921	5.141	ng/u1	86
22) Nitrobenzene	8.828	77	226074	22.112	ng/u1	99
34) Caprolactam	11.234	113	4274	1.223	ng/u1#	1
39) 1,2,4,5-Tetrachloroben...	12.451	216	38434	3.484	ng/u1	95
75) 1,2,3,4-Tetrachloroben...	13.063	216	105591	9.615	ng/uL	99

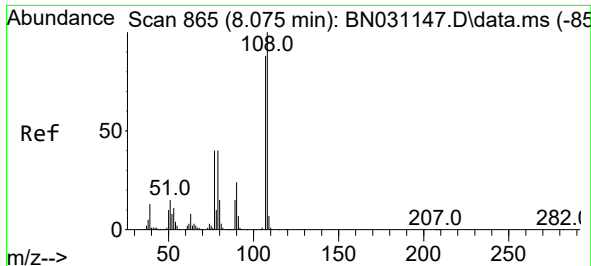
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

2-Methylphenol

Concen: 5.141 ng/ul

RT: 7.987 min Scan# 865

Delta R.T. -0.094 min

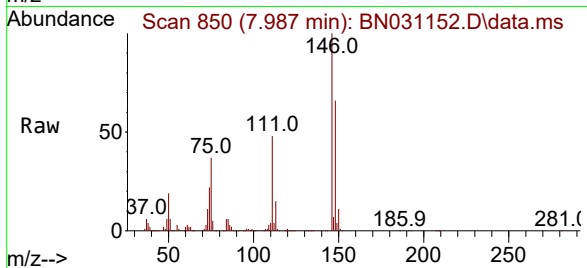
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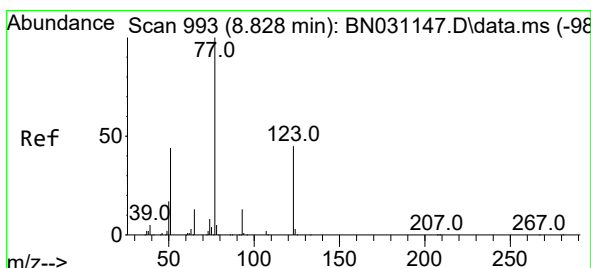
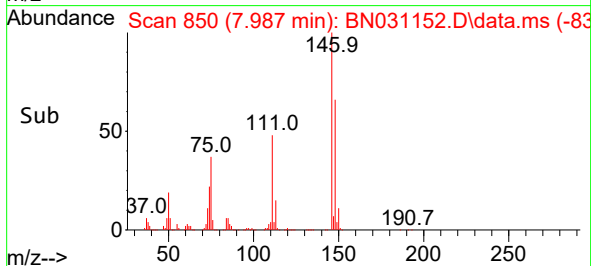
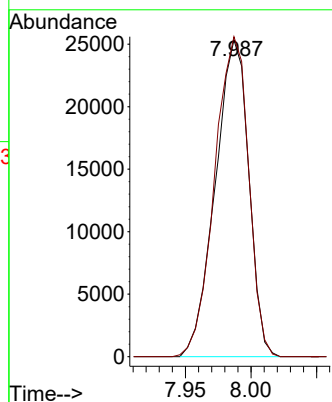


Tgt Ion:108 Resp: 44921

Ion Ratio Lower Upper

108 100

107 101.0 70.1 105.1



#22

Nitrobenzene

Concen: 22.112 ng/ul

RT: 8.828 min Scan# 993

Delta R.T. -0.006 min

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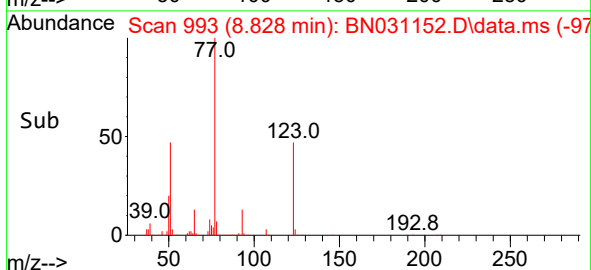
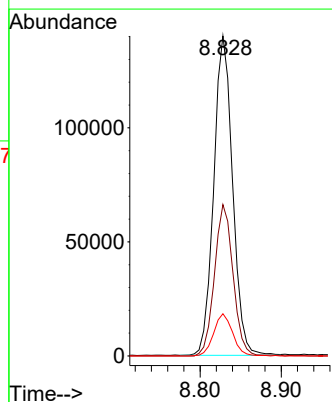
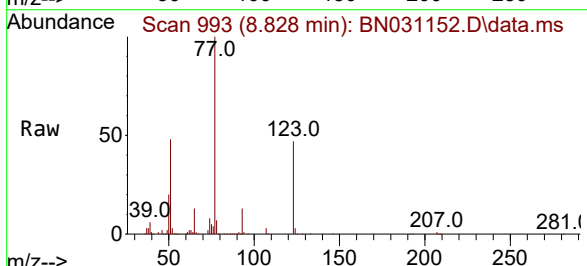
Tgt Ion: 77 Resp: 226074

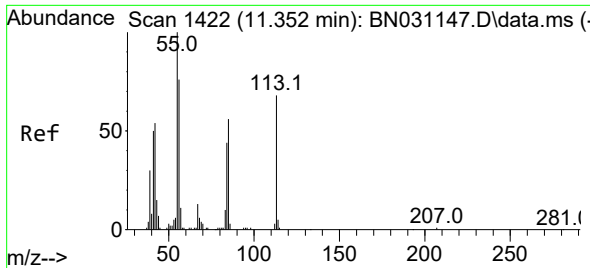
Ion Ratio Lower Upper

77 100

123 47.3 38.2 57.2

65 13.2 10.7 16.1

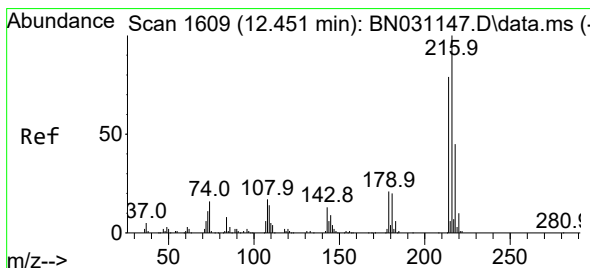
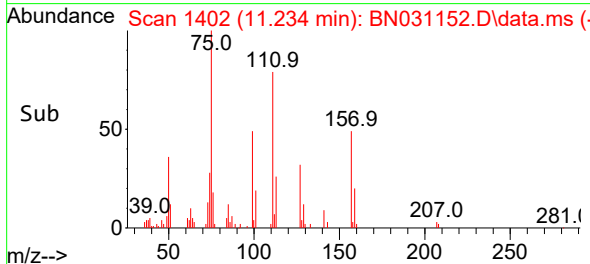
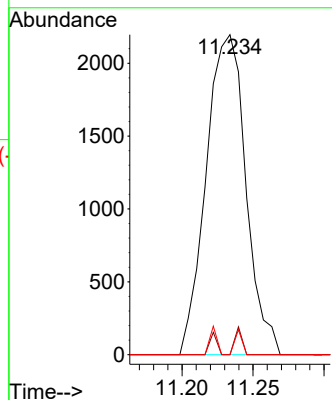
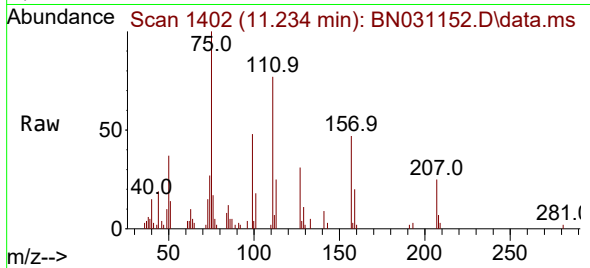




#34
Caprolactam
Concen: 1.223 ng/ul
RT: 11.234 min Scan# 1422
Delta R.T. -0.124 min
Lab File: BN031152.D
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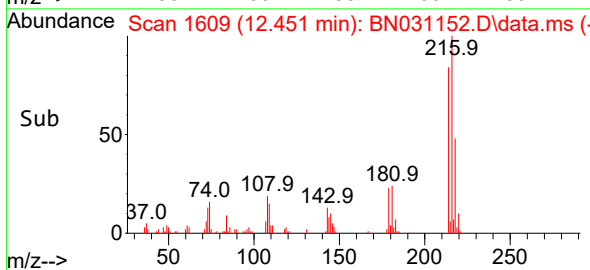
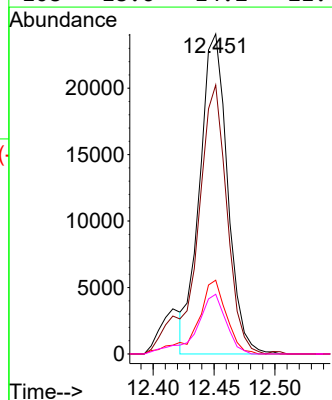
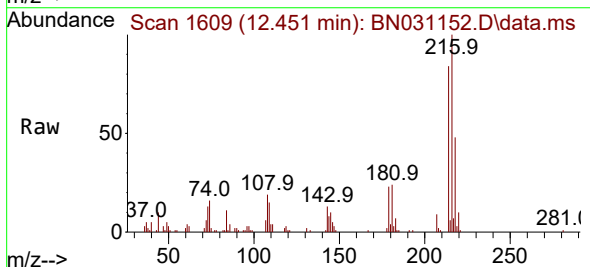
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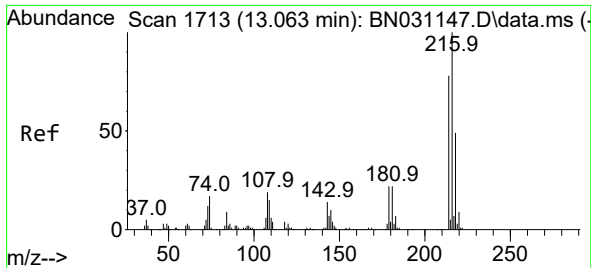
Tgt Ion:113 Resp: 4274
Ion Ratio Lower Upper
113 100
55 0.0 112.4 168.6#
56 0.0 88.0 132.0#



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.484 ng/ul
RT: 12.451 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BN031152.D
Acq: 23 Apr 2024 12:58

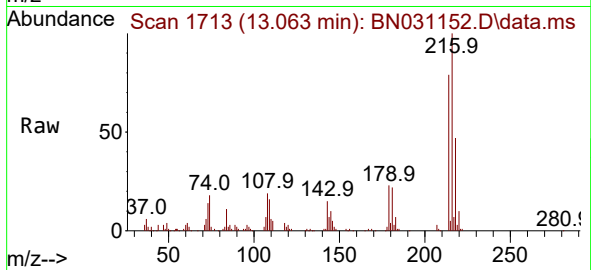
Tgt Ion:216 Resp: 38434
Ion Ratio Lower Upper
216 100
214 84.1 63.1 94.7
179 23.0 17.0 25.6
108 18.6 14.2 21.4





#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 9.615 ng/uL
 RT: 13.063 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN031152.D
 Acq: 23 Apr 2024 12:58

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:	216	Resp:	105591
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.6
218	47.2	38.3	57.5

