

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031129.D
 Acq On : 22 Apr 2024 19:35
 Operator : MA/JU
 Sample : P2037-23RX
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1CX8

Quant Time: Apr 22 23:29:20 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

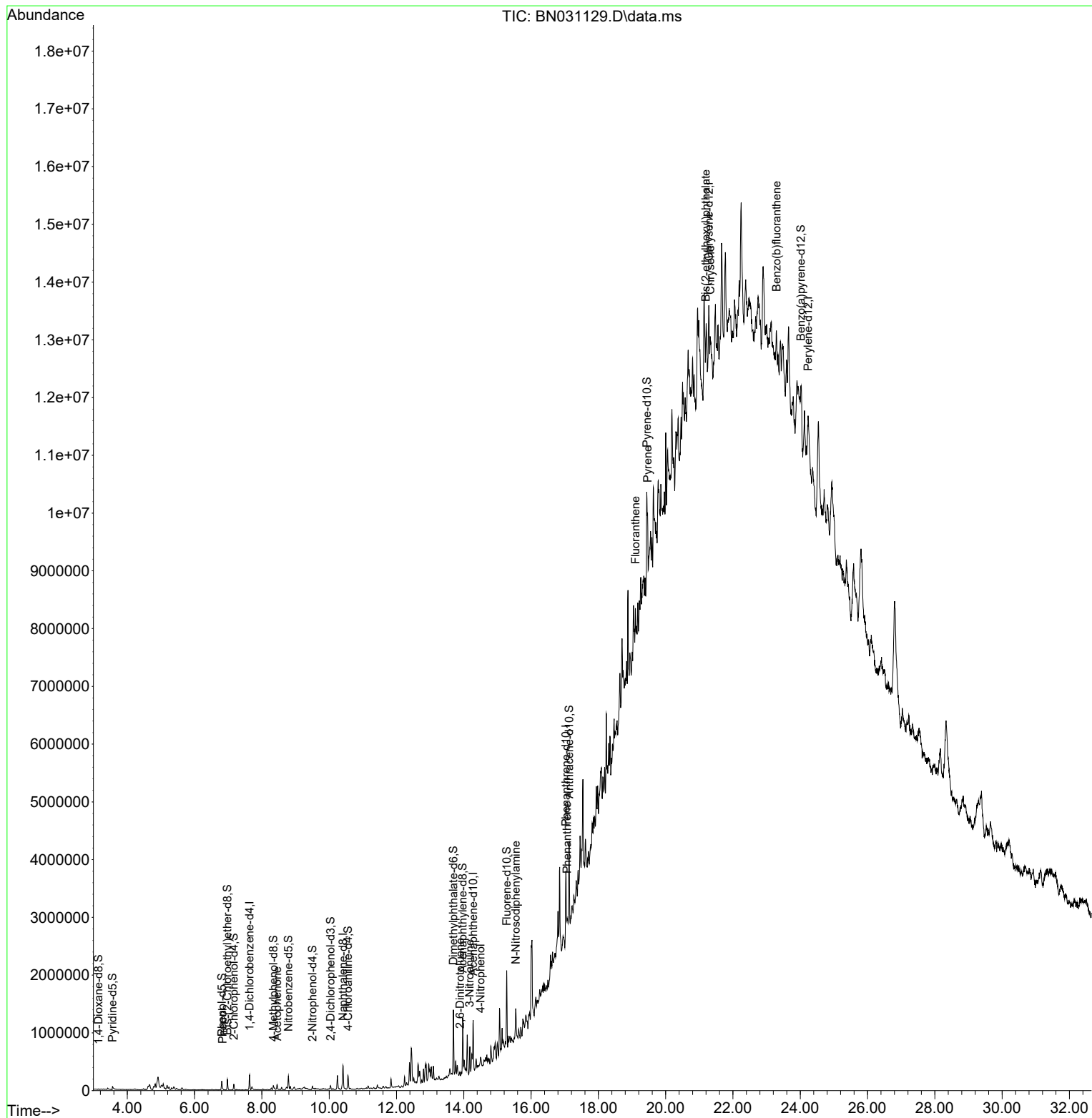
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	70781	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	343041	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	257492	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	607991	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.286	240	593941	20.000	ng/ul	# 0.02
88) Perylene-d12	24.233	264	722550	20.000	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	4831	3.189	ng/uL	0.00
4) Pyridine-d5	3.564	84	39779	9.117	ng/ul	0.01
7) Phenol-d5	6.810	99	93278	15.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	77398	22.280	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	49456	10.638	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	25246	5.028	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	58703	23.817	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	15176	5.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	25007	4.950	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	133232	16.875	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	456503	25.477	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	618043	30.438	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	2376	0.635	ng/ul	0.01
60) Fluorene-d10	15.275	176	507382	32.528	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	916	0.299	ng/ul	0.00
73) Anthracene-d10	17.133	188	828800	31.451	ng/ul	0.00
81) Pyrene-d10	19.439	212	993049	34.025	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	1117398	32.612	ng/ul	0.05
Target Compounds						
					Qvalue	
8) Phenol	6.834	94	8517	1.384	ng/ul#	90
16) Acetophenone	8.457	105	35905	4.615	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	5954	1.716	ng/ul#	31
51) 3-Nitroaniline	14.175	138	7322	1.838	ng/ul#	15
55) 4-Nitrophenol	14.498	109	11033	3.635	ng/ul#	4
67) N-Nitrosodiphenylamine	15.545	169	32199	1.976	ng/ul#	44
72) Phenanthrene	17.075	178	87827	2.731	ng/ul#	75
80) Fluoranthene	19.104	202	110618	3.202	ng/ul#	90
82) Pyrene	19.469	202	132772	3.658	ng/ul#	90
86) Bis(2-ethylhexyl)phtha...	21.192	149	40533	1.686	ng/ul#	40
87) Chrysene	21.327	228	62040	1.621	ng/ul#	42
90) Benzo(b)fluoranthene	23.298	252	69778	1.716	ng/ul#	1

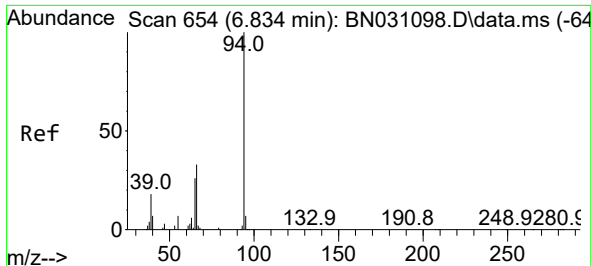
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
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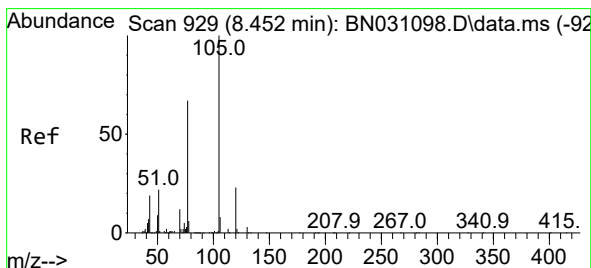
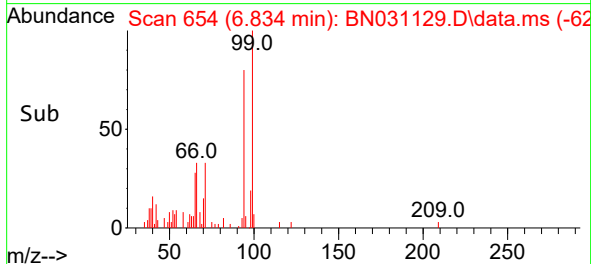
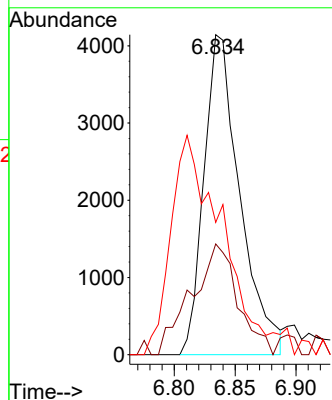
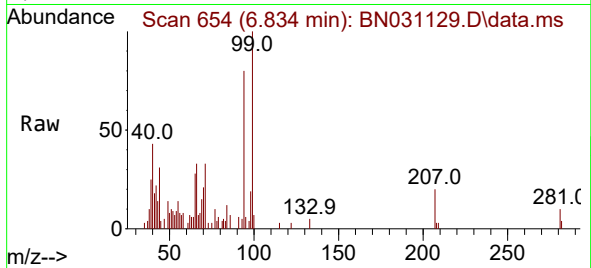




#8
Phenol
Concen: 1.384 ng/ul
RT: 6.834 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

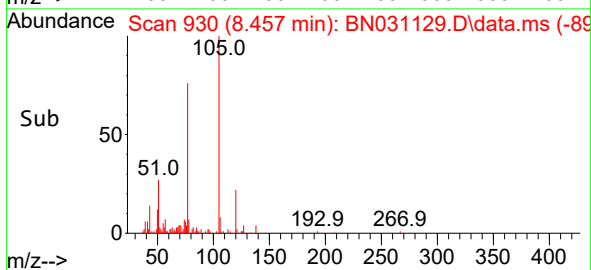
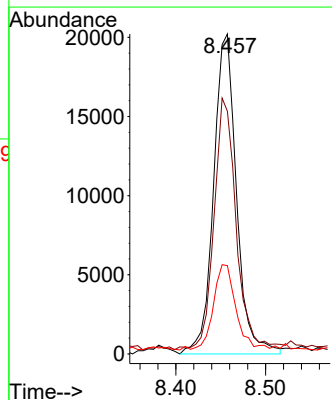
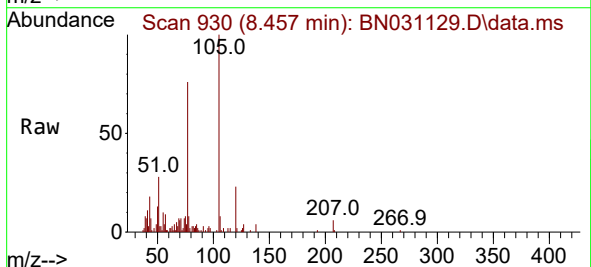
Instrument :
BNA_N
ClientSampleId :
E1CX8

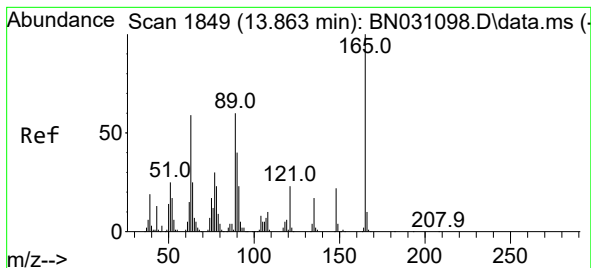
Tgt Ion: 94 Resp: 8517
Ion Ratio Lower Upper
94 100
65 34.6 22.0 33.0#
66 41.4 29.8 44.6



#16
Acetophenone
Concen: 4.615 ng/ul
RT: 8.457 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

Tgt Ion:105 Resp: 35905
Ion Ratio Lower Upper
105 100
77 75.8 60.2 90.4
51 27.6 20.6 31.0





#48

2,6-Dinitrotoluene

Concen: 1.716 ng/ul

RT: 13.887 min Scan# 1853

Delta R.T. 0.018 min

Lab File: BN031129.D

Acq: 22 Apr 2024 19:35

Instrument :

BNA_N

ClientSampleId :

E1CX8

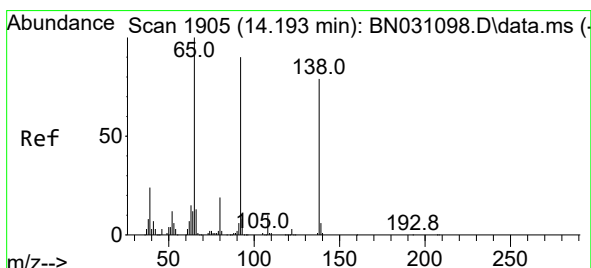
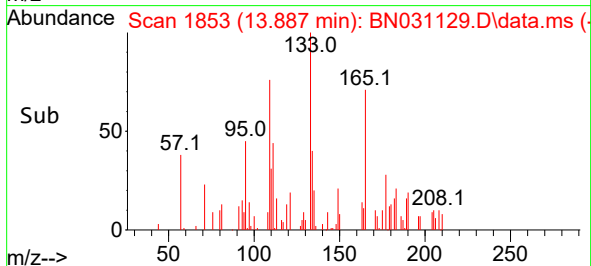
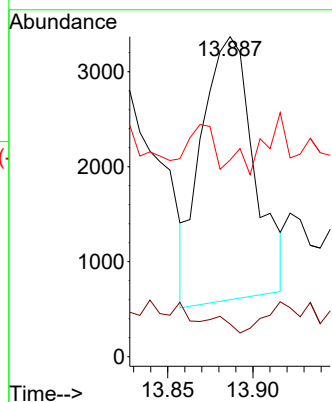
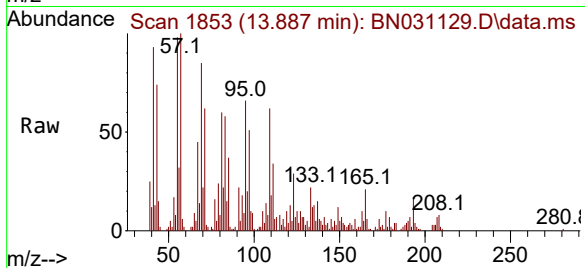
Tgt Ion:165 Resp: 5954

Ion Ratio Lower Upper

165 100

89 10.2 44.7 67.1#

121 61.5 17.0 25.4#



#51

3-Nitroaniline

Concen: 1.838 ng/ul

RT: 14.175 min Scan# 1902

Delta R.T. -0.024 min

Lab File: BN031129.D

Acq: 22 Apr 2024 19:35

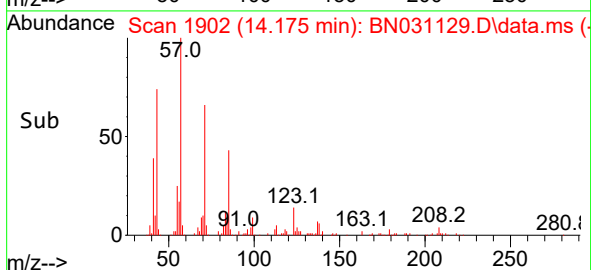
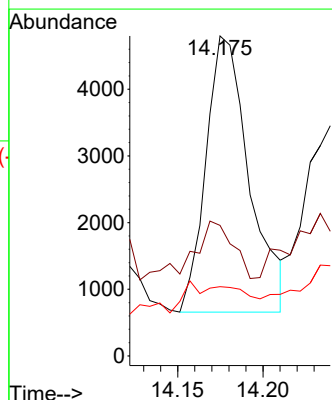
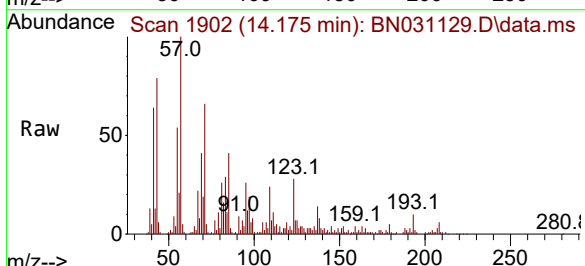
Tgt Ion:138 Resp: 7322

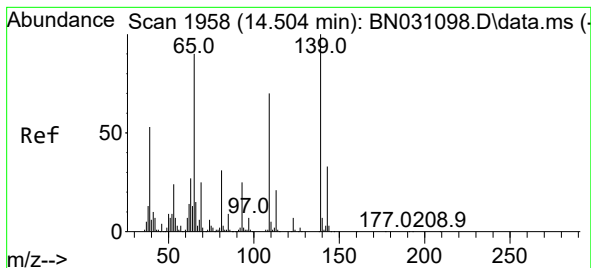
Ion Ratio Lower Upper

138 100

108 40.8 11.1 16.7#

92 21.7 93.9 140.9#

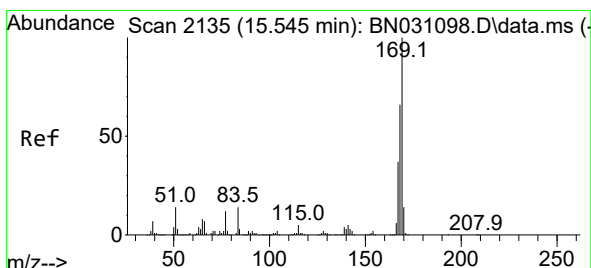
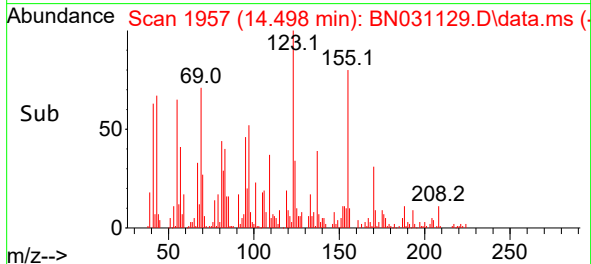
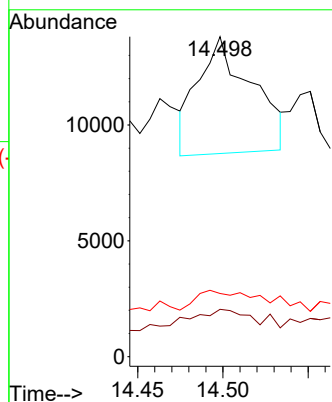
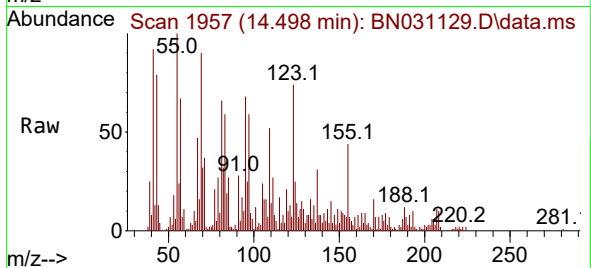




#55
4-Nitrophenol
Concen: 3.635 ng/ul
RT: 14.498 min Scan# 1957
Delta R.T. -0.012 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

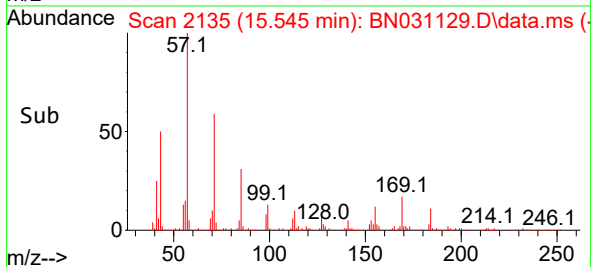
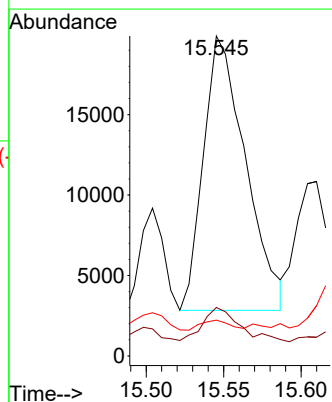
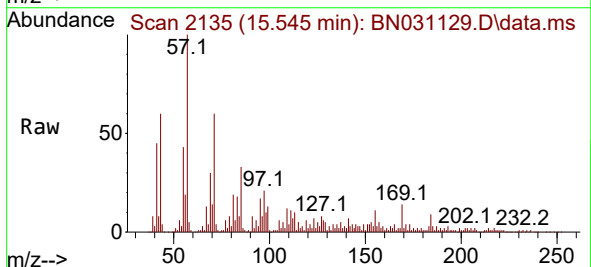
Instrument :
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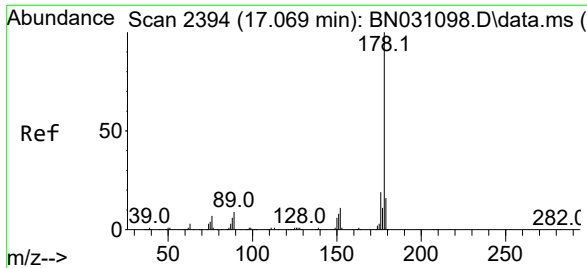
Tgt Ion:109 Resp: 11033
Ion Ratio Lower Upper
109 100
139 14.8 105.6 158.4#
65 19.7 98.2 147.2#



#67
N-Nitrosodiphenylamine
Concen: 1.976 ng/ul
RT: 15.545 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

Tgt Ion:169 Resp: 32199
Ion Ratio Lower Upper
169 100
168 15.2 52.6 79.0#
167 11.2 27.8 41.6#

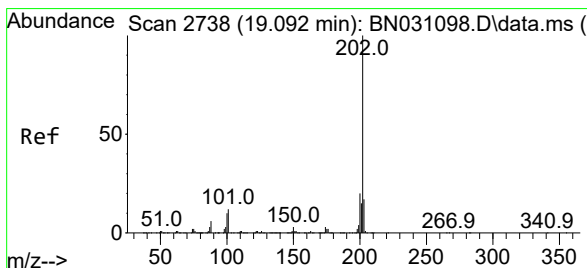
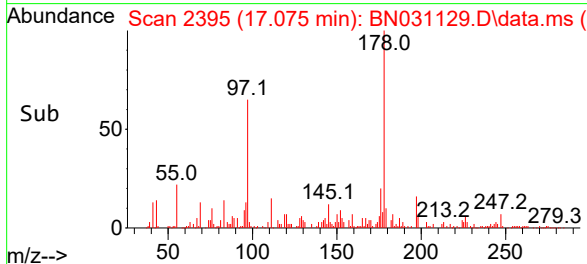
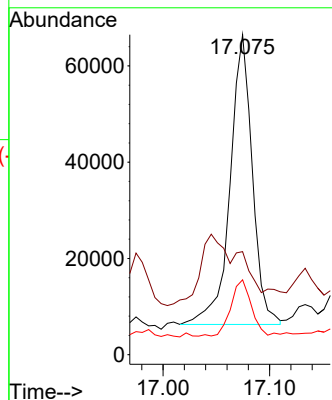
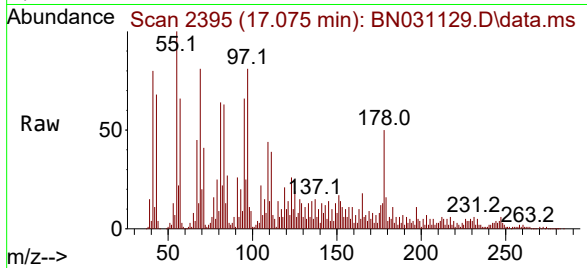




#72
Phenanthrene
Concen: 2.731 ng/ul
RT: 17.075 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

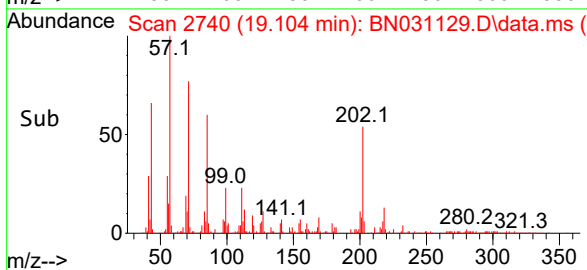
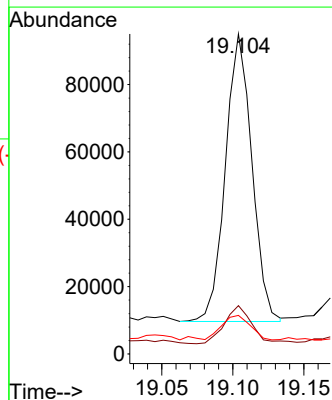
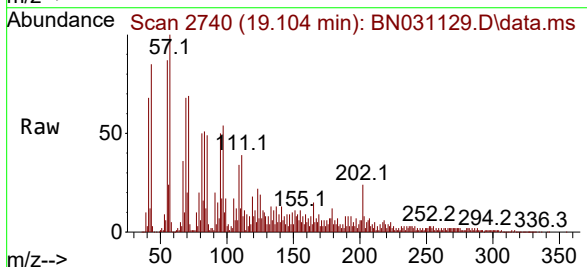
Instrument :
BNA_N
ClientSampleId :
E1CX8

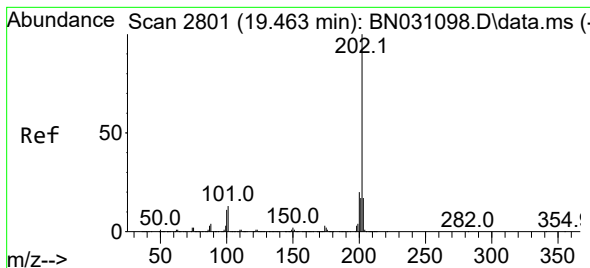
Tgt Ion:178 Resp: 87827
Ion Ratio Lower Upper
178 100
179 32.2 12.4 18.6#
176 23.4 14.6 21.8#



#80
Fluoranthene
Concen: 3.202 ng/ul
RT: 19.104 min Scan# 2740
Delta R.T. 0.006 min
Lab File: BN031129.D
Acq: 22 Apr 2024 19:35

Tgt Ion:202 Resp: 110618
Ion Ratio Lower Upper
202 100
101 15.1 9.0 13.6#
100 12.1 6.9 10.3#





#82

Pyrene

Concen: 3.658 ng/ul

RT: 19.469 min Scan# 2802

Delta R.T. 0.006 min

Lab File: BN031129.D

Acq: 22 Apr 2024 19:35

Instrument :

BNA_N

ClientSampleId :

E1CX8

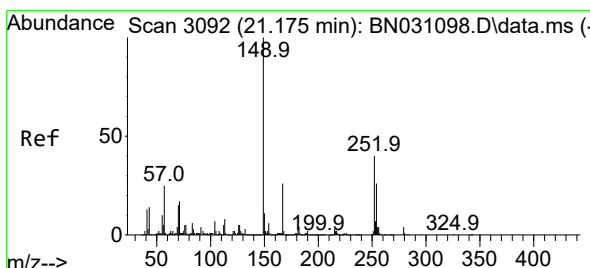
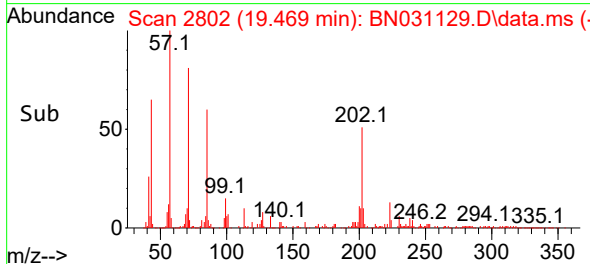
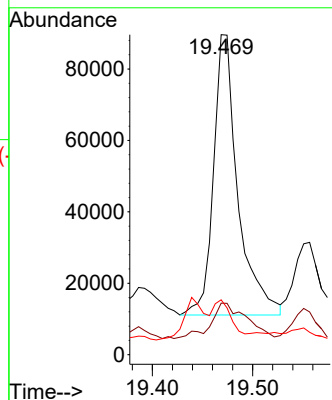
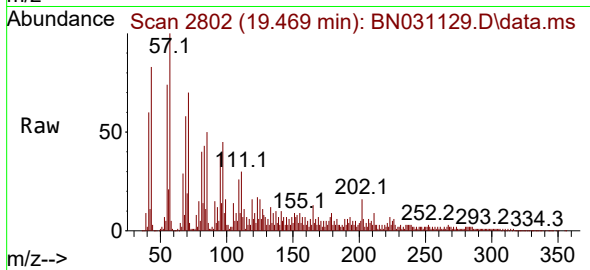
Tgt Ion:202 Resp: 132772

Ion Ratio Lower Upper

202 100

101 16.1 11.1 16.7

100 17.2 9.3 13.9#



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.686 ng/ul

RT: 21.192 min Scan# 3095

Delta R.T. 0.012 min

Lab File: BN031129.D

Acq: 22 Apr 2024 19:35

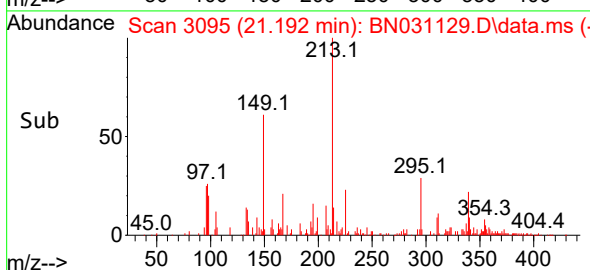
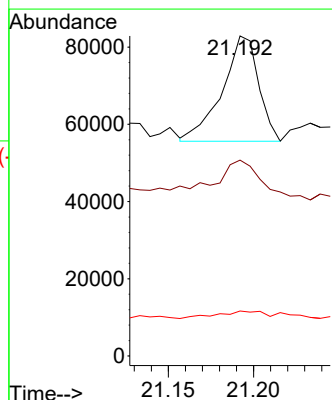
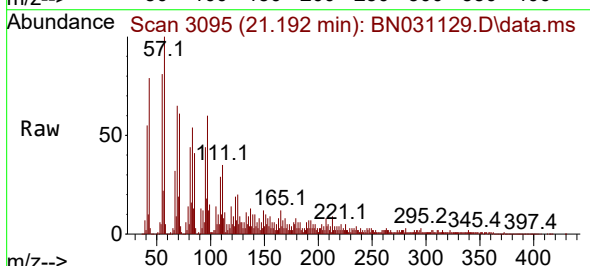
Tgt Ion:149 Resp: 40533

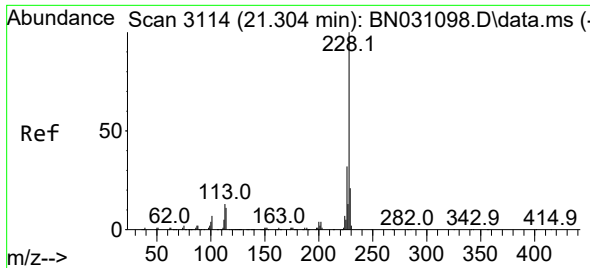
Ion Ratio Lower Upper

149 100

167 61.2 22.3 33.5#

279 14.0 3.0 4.6#





#87

Chrysene

Concen: 1.621 ng/ul

RT: 21.327 min Scan# 3114

Delta R.T. 0.018 min

Lab File: BN031129.D

Acq: 22 Apr 2024 19:35

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ClientSampleId :

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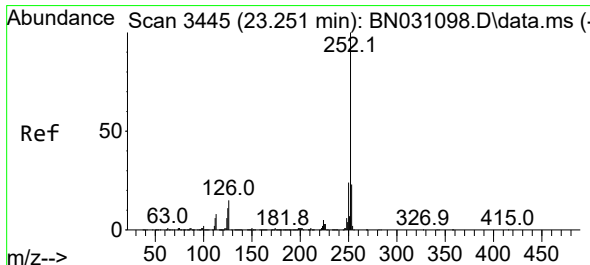
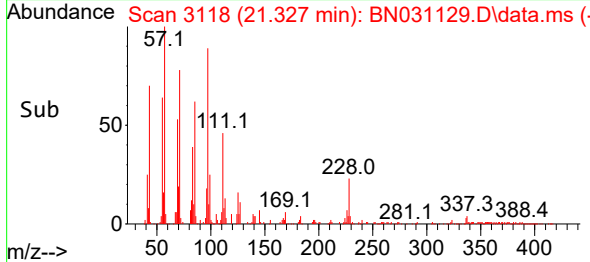
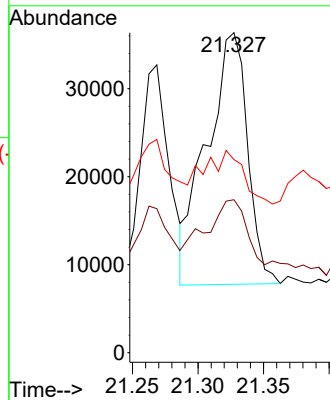
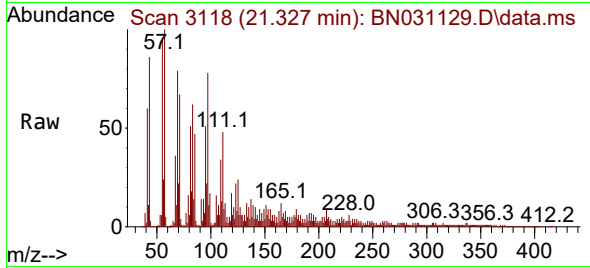
Tgt Ion:228 Resp: 62040

Ion Ratio Lower Upper

228 100

226 47.8 22.6 34.0#

229 60.4 15.8 23.8#



#90

Benzo(b)fluoranthene

Concen: 1.716 ng/ul

RT: 23.298 min Scan# 3453

Delta R.T. 0.041 min

Lab File: BN031129.D

Acq: 22 Apr 2024 19:35

Tgt Ion:252 Resp: 69778

Ion Ratio Lower Upper

252 100

253 83.2 17.6 26.4#

125 481.1 8.6 12.8#

