

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021919\
 Data File : BN004455.D
 Acq On : 19 Feb 2019 12:09
 Operator : JU/SJ
 Sample : K1455-01 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 13:53:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 14 07:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	25015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	125169	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	82902	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	206846	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	297944	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	389724	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.90	99	3615	1.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	3149	2.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	3056	1.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	3306	1.73	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	1286	1.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	1368	1.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	3630	1.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	4984	2.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	14208	2.02	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	17195	2.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	704	0.52	ng/ul	0.00
58) Fluorene-d10	15.37	176	15954	2.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	474	0.39	ng/ul	0.00
71) Anthracene-d10	17.23	188	24702	2.49	ng/ul	0.00
79) Pyrene-d10	19.53	212	29572	2.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	46170	2.26	ng/ul	0.00

Target Compounds

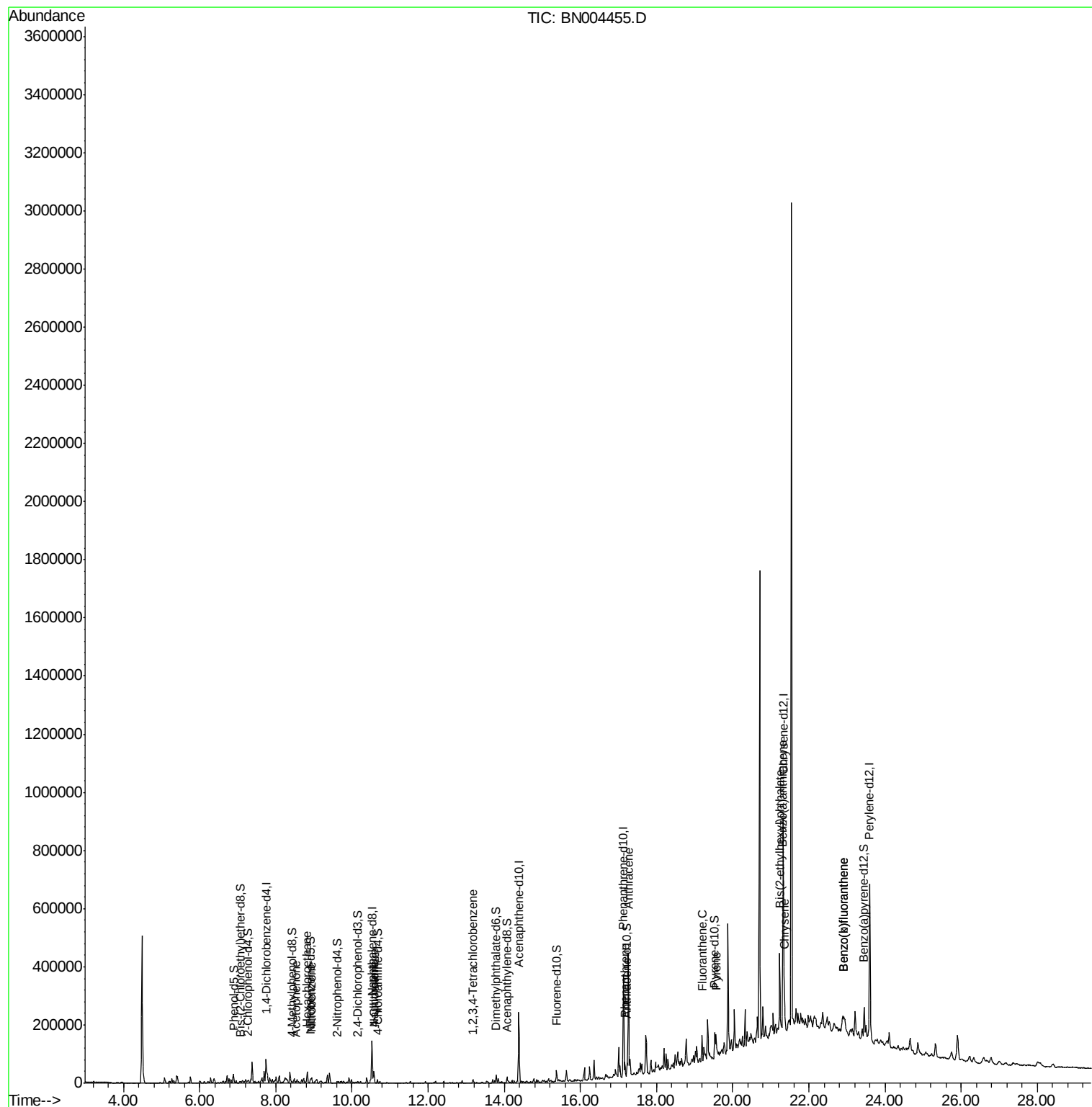
					Ovalue	
14) Acetophenone	8.53	105	5817	2.037	ng/ul#	34
17) Hexachloroethane	8.83	117	2480	3.935	ng/ul#	5
20) Nitrobenzene	8.95	77	1825	1.007	ng/ul#	88
28) Naphthalene	10.58	128	30221	4.683	ng/ul	100
30) 4-Chloroaniline	10.58	127	3837	1.767	ng/ul#	4
70) Phenanthrene	17.17	178	28723	2.503	ng/ul	99
72) Anthracene	17.26	178	257913	22.322	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	3628	1.279	ng/uL	99
77) Fluoranthene	19.19	202	50953	3.606	ng/ul	98
80) Pyrene	19.56	202	44639	2.709	ng/ul	98
83) Benzo(a)anthracene	21.32	228	25814	1.406	ng/ul#	95
84) Bis(2-ethylhexyl)phthalate	21.23	149	105181	12.394	ng/ul	100
85) Chrysene	21.37	228	30790	1.766	ng/ul#	93
88) Benzo(b)fluoranthene	22.92	252	42477	1.840	ng/ul#	87
89) Benzo(k)fluoranthene	22.92	252	42477	1.893	ng/ul#	87

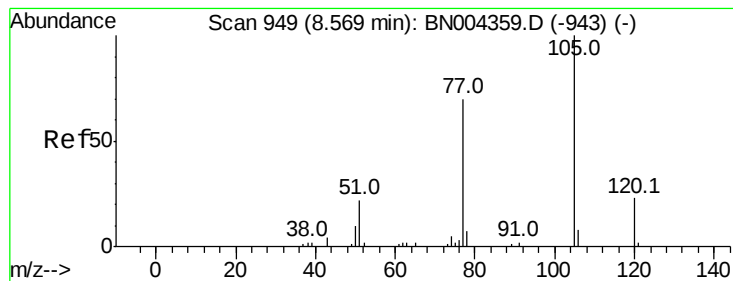
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration





#14

Acetophenone

Concen: 2.037 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. -0.04 min

Lab File: BN004455.D

Acq: 19 Feb 2019 12:09

Instrument :

BNA_N

ClientSampleId :

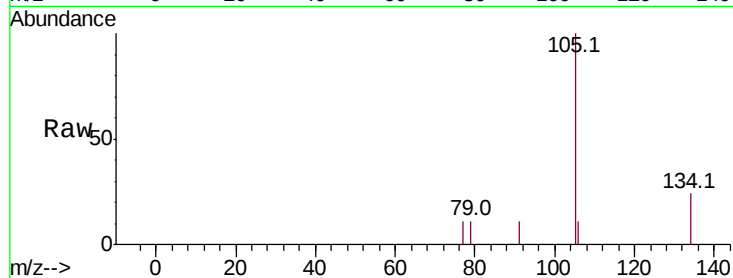
Tot Ion:105 Resp: 5817

Ion Ratio Lower Upper

105 100

77 10.7 56.1 84.1#

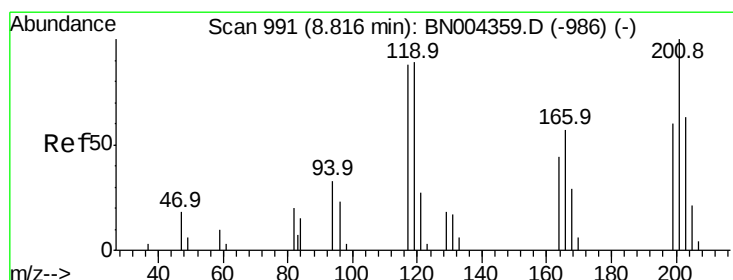
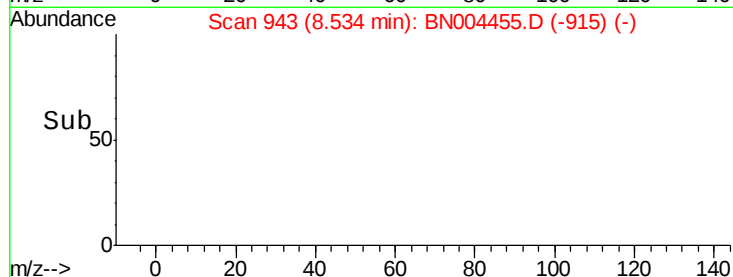
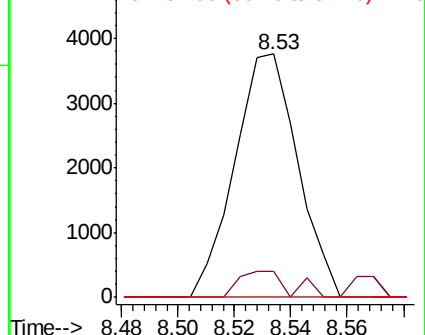
51 0.0 17.2 25.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#17

Hexachloroethane

Concen: 3.935 ng/ul

RT: 8.83 min Scan# 994

Delta R.T. 0.02 min

Lab File: BN004455.D

Acq: 19 Feb 2019 12:09

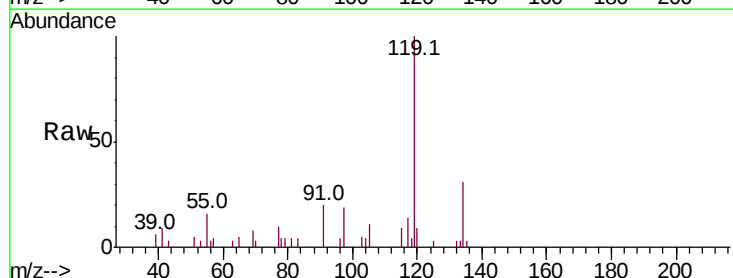
Tgt Ion:117 Resp: 2480

Ion Ratio Lower Upper

117 100

201 0.0 85.0 127.6#

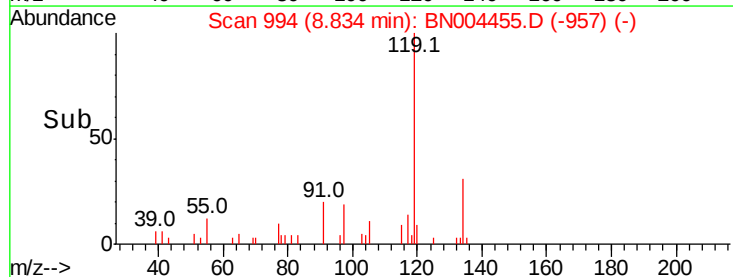
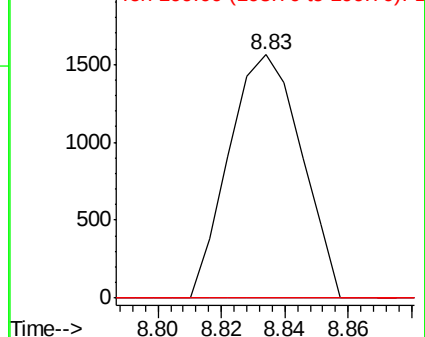
199 0.0 53.8 80.8#

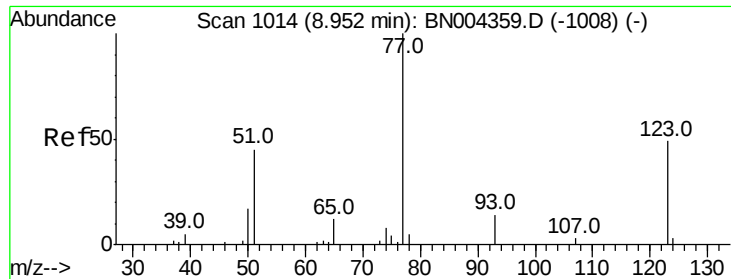


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

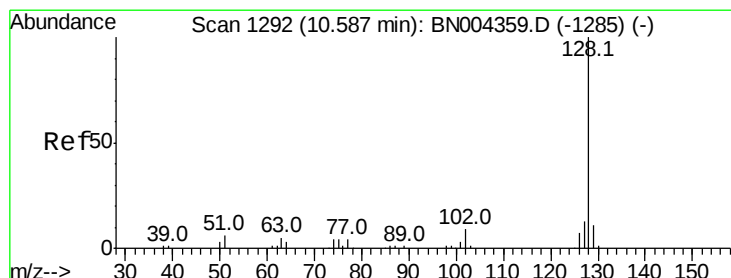
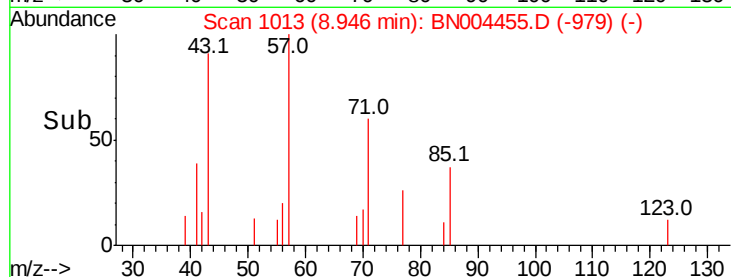
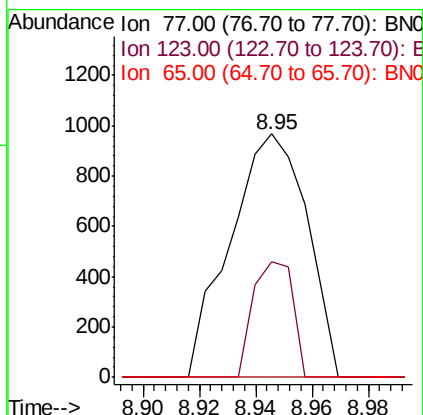
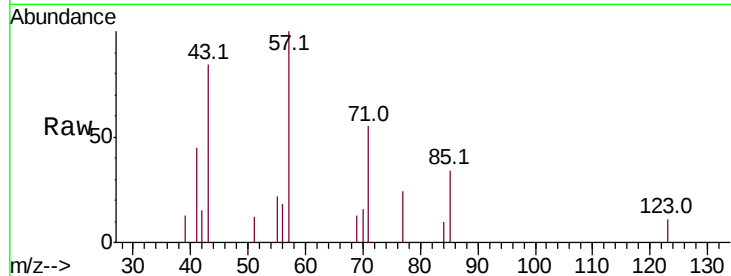




#20
Nitrobenzene
Concen: 1.007 ng/ul
RT: 8.95 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BN004455.D
Acq: 19 Feb 2019 12:09

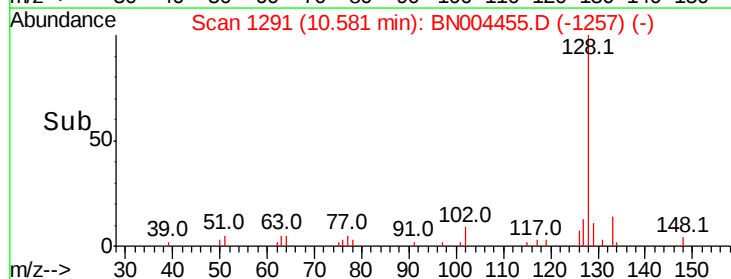
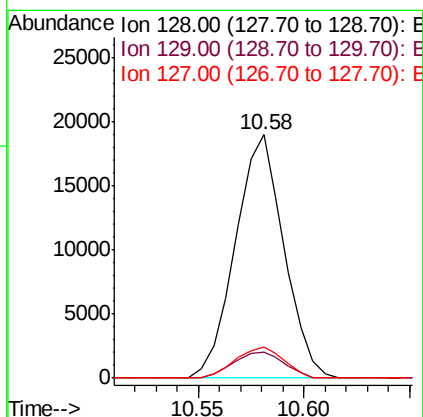
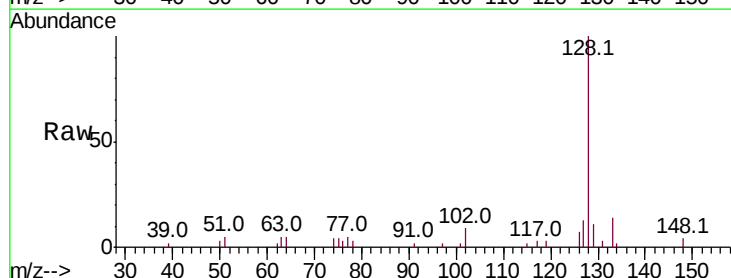
Instrument :
BNA_N
ClientSampleId :

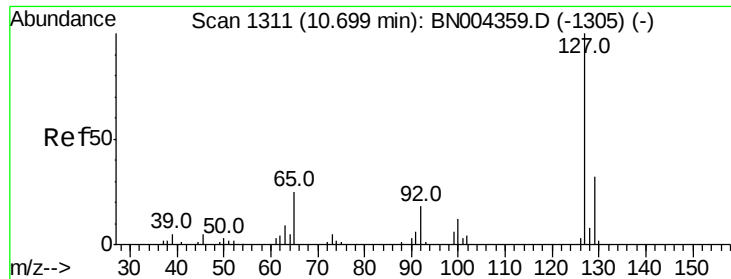
Tot Ion: 77 Resp: 1825
Ion Ratio Lower Upper
77 100
123 47.3 41.6 62.4
65 0.0 10.2 15.4#



#28
Naphthalene
Concen: 4.683 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BN004455.D
Acq: 19 Feb 2019 12:09

Tgt Ion:128 Resp: 30221
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.6 10.2 15.4

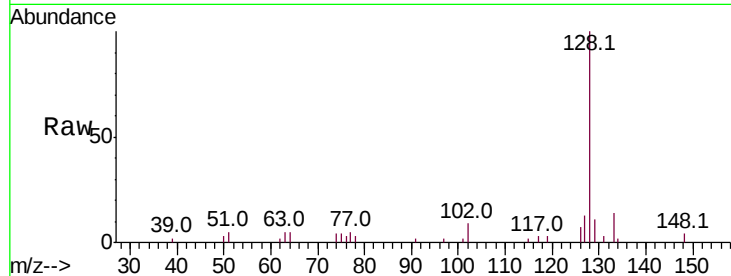




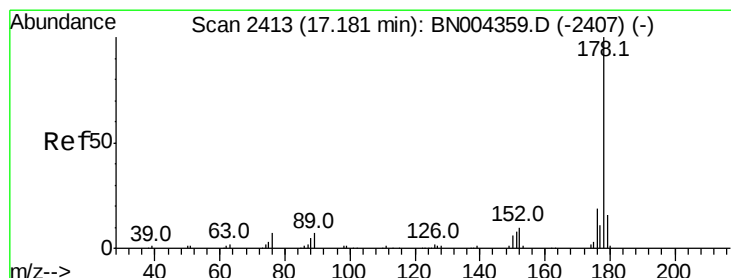
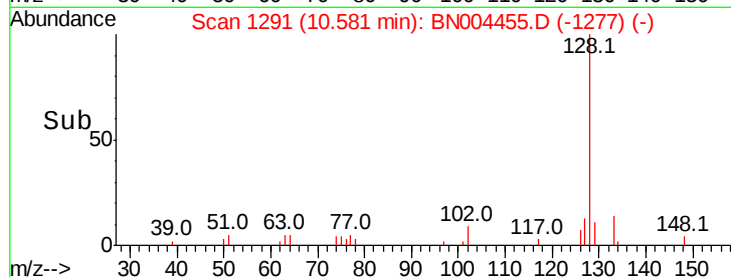
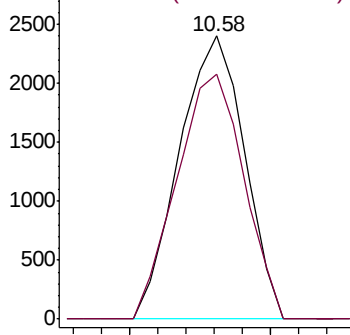
#30
 4-Chloroaniline
 Concen: 1.767 ng/ul
 RT: 10.58 min Scan# 1291
 Delta R.T. -0.12 min
 Lab File: BN004455.D
 Acq: 19 Feb 2019 12:09

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:127 Resp: 3837
 Ion Ratio Lower Upper
 127 100
 129 86.5 26.1 39.1#

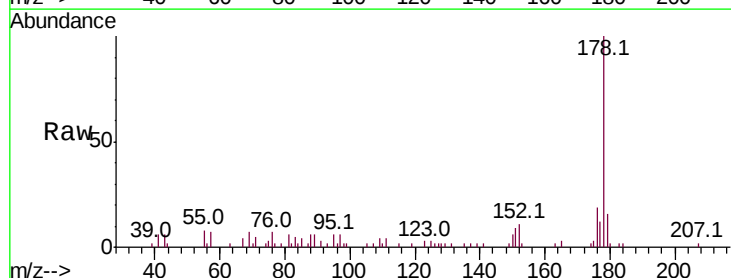


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E

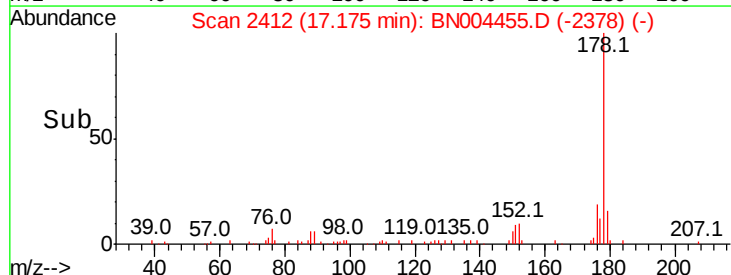
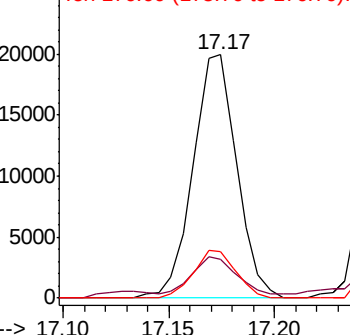


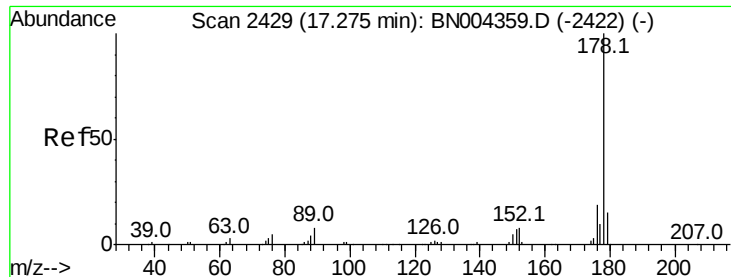
#70
 Phenanthrene
 Concen: 2.503 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BN004455.D
 Acq: 19 Feb 2019 12:09

Tgt Ion:178 Resp: 28723
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.3 18.5
 176 18.9 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 22.322 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BN004455.D

Acq: 19 Feb 2019 12:09

Instrument :

BNA_N

ClientSampleId :

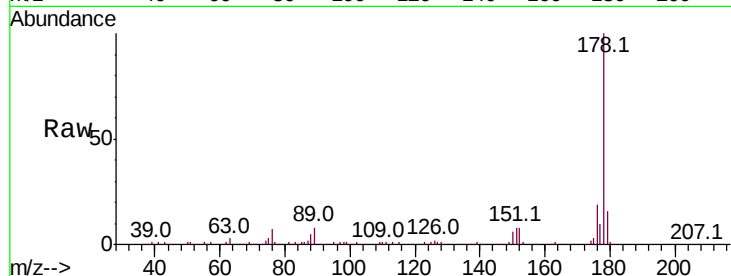
Tot Ion:178 Resp: 257913

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

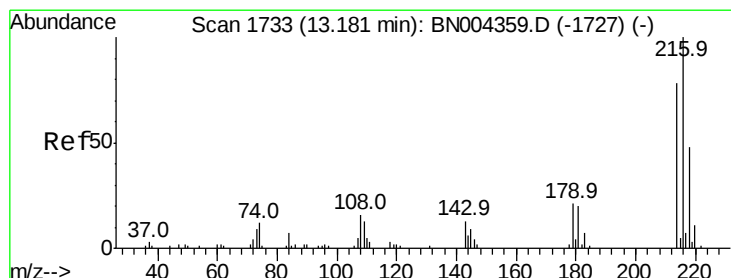
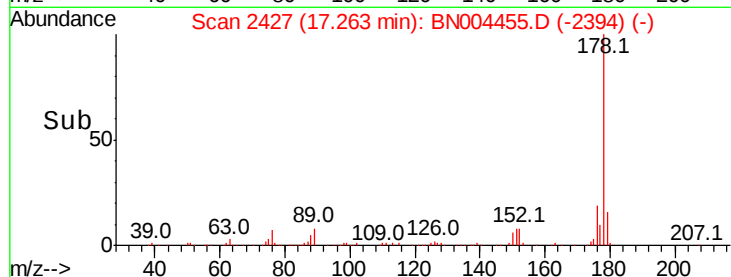
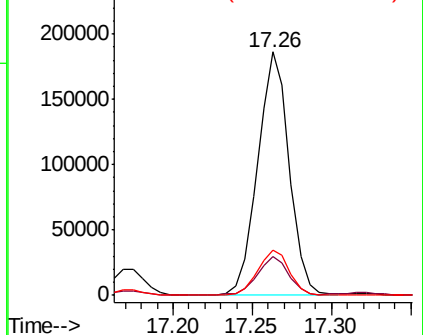
176 18.8 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 1.279 ng/uL

RT: 13.17 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BN004455.D

Acq: 19 Feb 2019 12:09

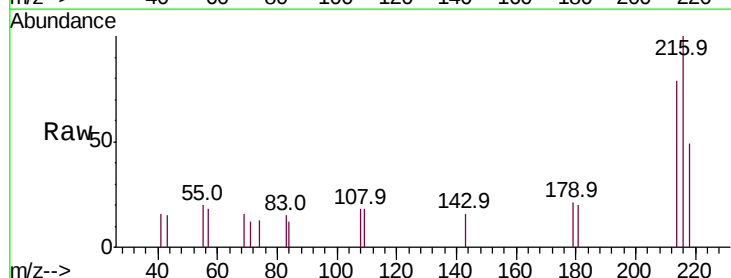
Tgt Ion:216 Resp: 3628

Ion Ratio Lower Upper

216 100

214 79.1 61.9 92.9

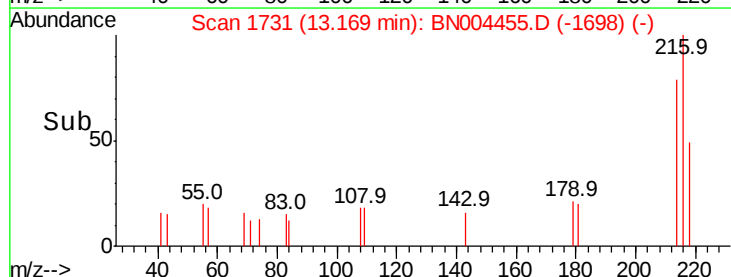
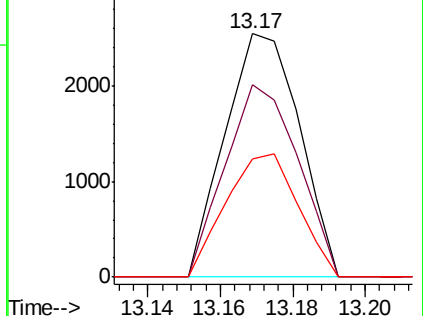
218 48.6 38.7 58.1

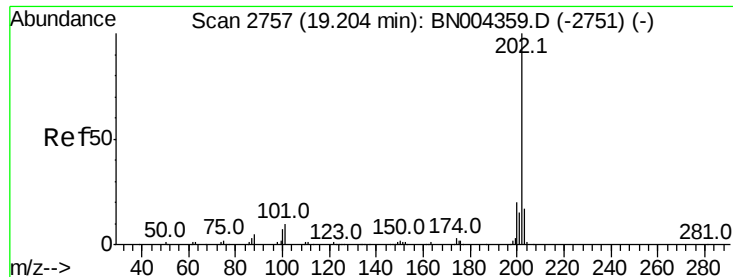


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

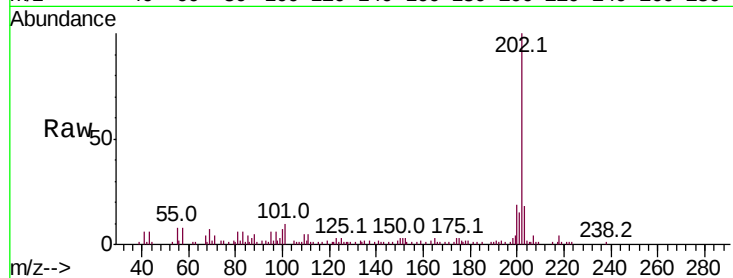




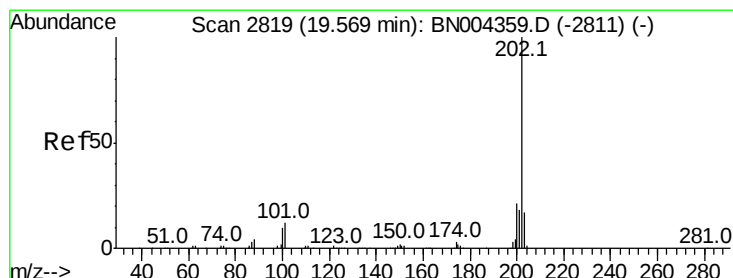
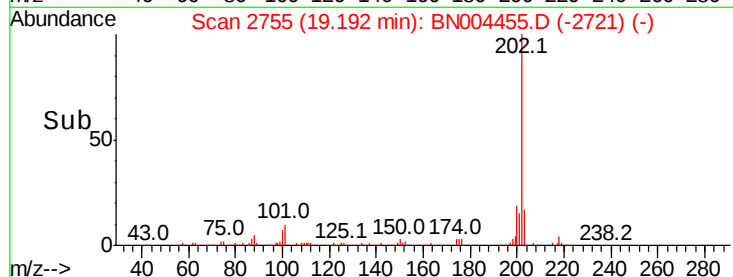
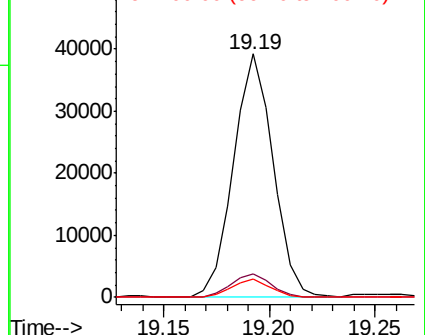
#77
 Fluoranthene
 Concen: 3.606 ng/ul
 RT: 19.19 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BN004455.D
 Acq: 19 Feb 2019 12:09

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	202	Resp:	50953
Ion Ratio	Lower	Upper	
202	100		
101	9.6	8.2	12.4
100	7.3	6.6	9.8

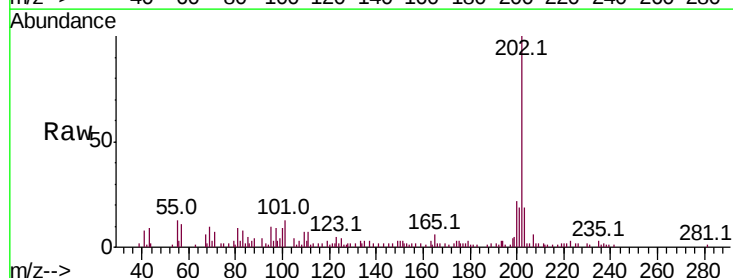


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

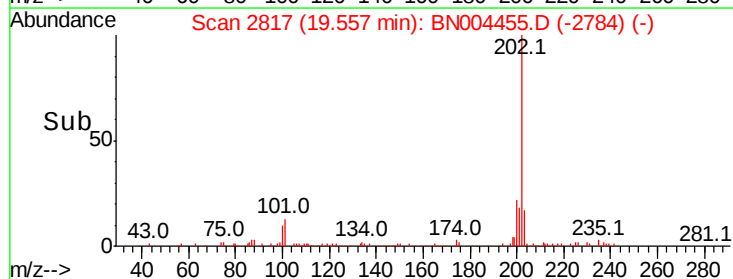
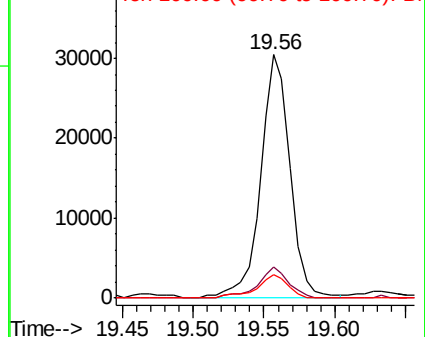


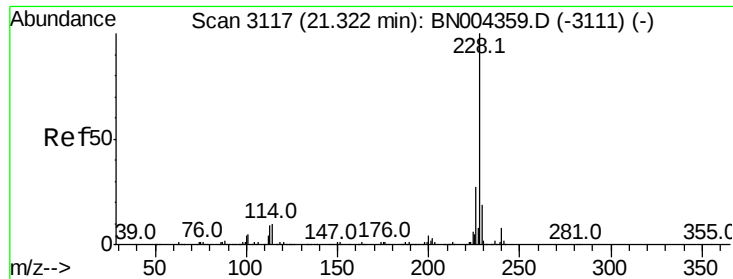
#80
 Pyrene
 Concen: 2.709 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BN004455.D
 Acq: 19 Feb 2019 12:09

Tgt Ion:	202	Resp:	44639
Ion Ratio	Lower	Upper	
202	100		
101	13.0	9.2	13.8
100	9.4	7.5	11.3



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

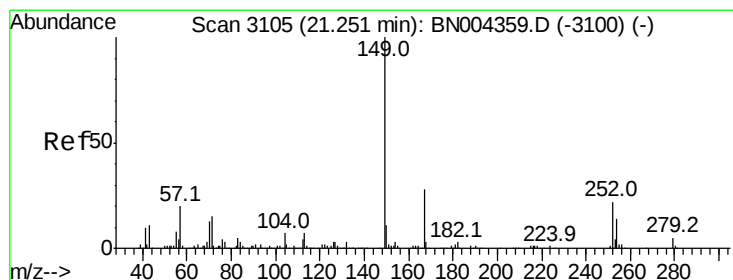
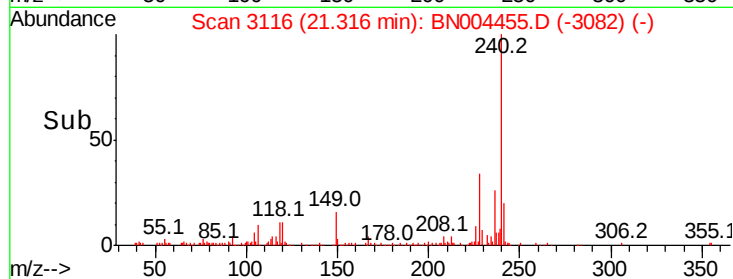
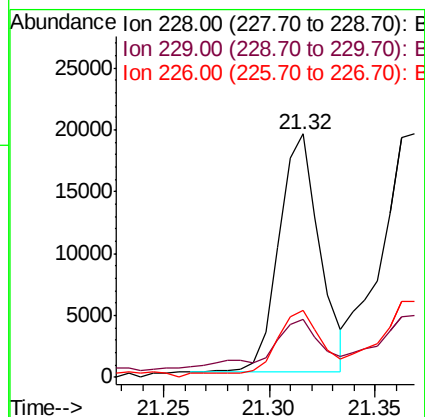
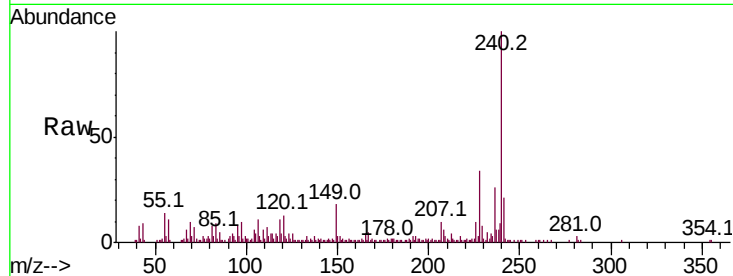




#83
Benzo(a)anthracene
Concen: 1.406 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.00 min
Lab File: BN004455.D
Acq: 19 Feb 2019 12:09

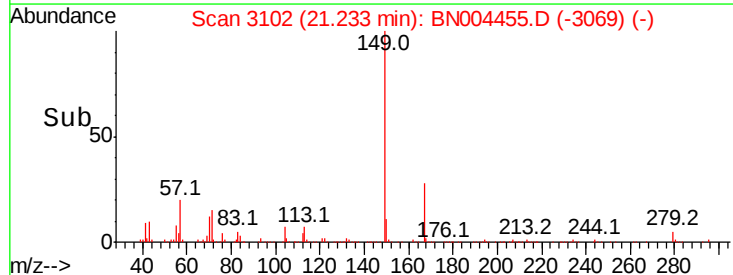
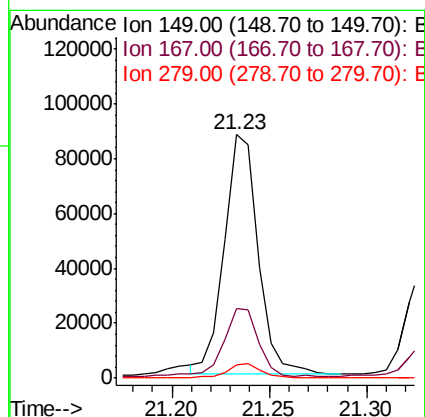
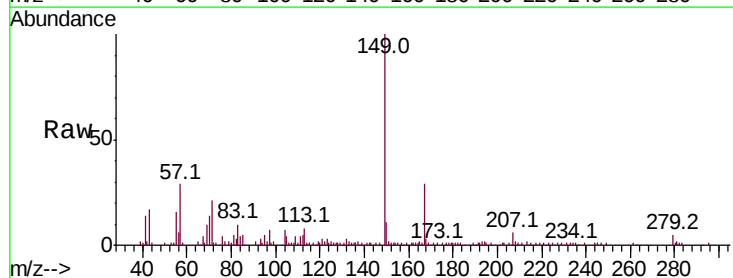
Instrument :
BNA_N
ClientSampled :

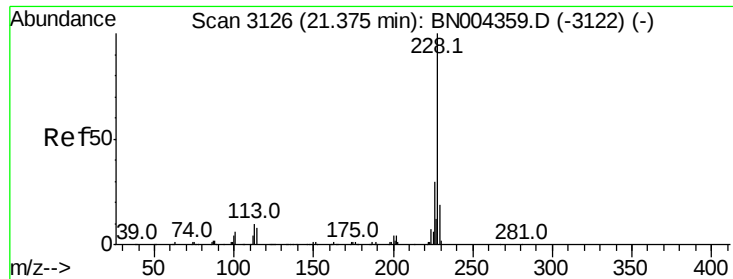
Tot Ion:228 Resp: 25814
Ion Ratio Lower Upper
228 100
229 24.0 15.4 23.2#
226 27.7 21.4 32.2



#84
Bis(2-ethylhexyl)phthalate
Concen: 12.394 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN004455.D
Acq: 19 Feb 2019 12:09

Tgt Ion:149 Resp: 105181
Ion Ratio Lower Upper
149 100
167 28.6 22.7 34.1
279 5.3 4.3 6.5

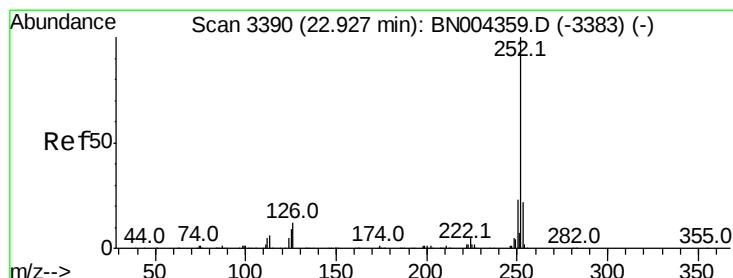
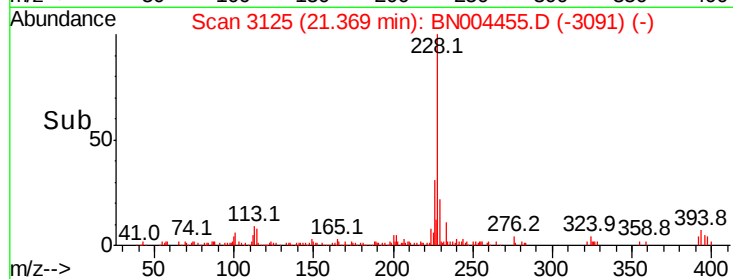
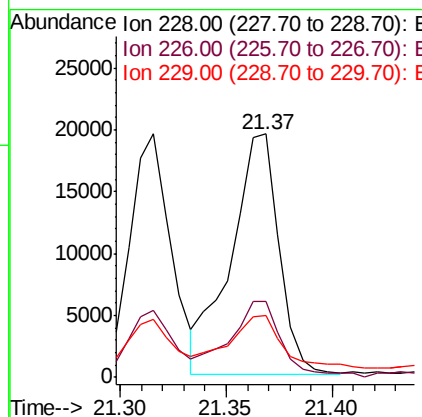
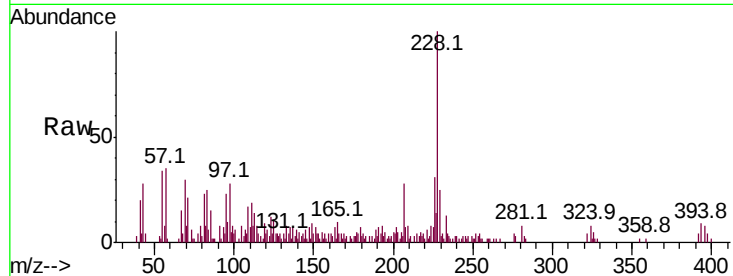




#85
Chrysene
Concen: 1.766 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BN004455.D
Acq: 19 Feb 2019 12:09

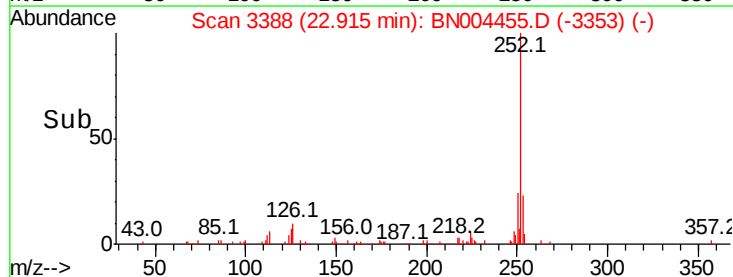
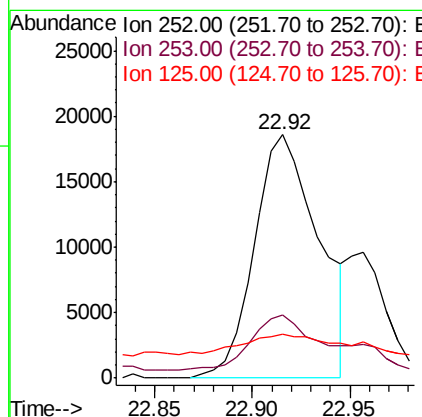
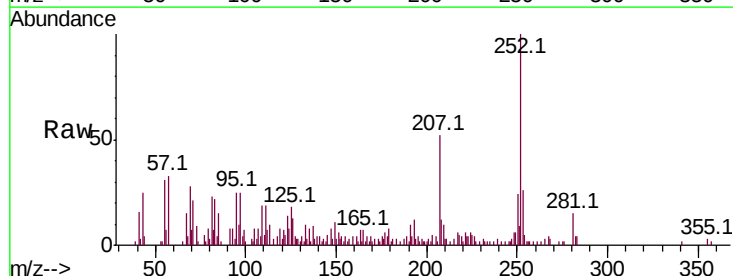
Instrument :
BNA_N
ClientSampleId :

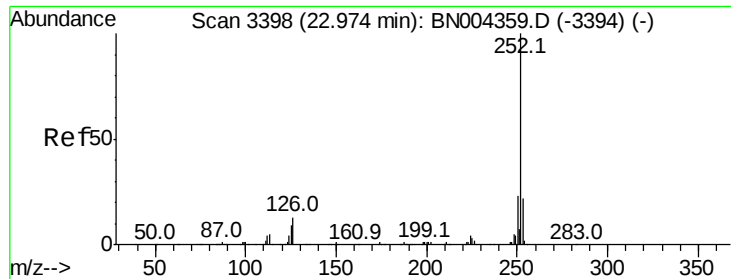
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	25.5	15.7	23.5



#88
Benzo(b)fluoranthene
Concen: 1.840 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BN004455.D
Acq: 19 Feb 2019 12:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.7	26.5
125	18.3	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 1.893 ng/ul

RT: 22.92 min Scan# 3388

Delta R.T. -0.04 min

Lab File: BN004455.D

Acq: 19 Feb 2019 12:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 42477

Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.2

125 18.3 7.4 11.0#

