

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
 Data File : BN002975.D
 Acq On : 05 Oct 2018 22:30
 Operator : MJ/SJ
 Sample : J5230-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 02:57:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 02:55:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	128615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	608672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	365852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	805017	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	758982	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	590828	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7795	2.80	ng/uL	0.00
5) Phenol-d5	6.82	99	190353	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	124736	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	167291	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	150907	17.84	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	87749	18.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104178	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	179623	18.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	179434	16.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	582194	20.33	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	734911	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	73058	15.43	ng/ul	0.01
57) Fluorene-d10	15.26	176	514199	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	81800	16.25	ng/ul	0.00
70) Anthracene-d10	17.12	188	793966	20.66	ng/ul	0.00
78) Pyrene-d10	19.42	212	851499	21.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	646134	20.78	ng/ul	0.00

Target Compounds

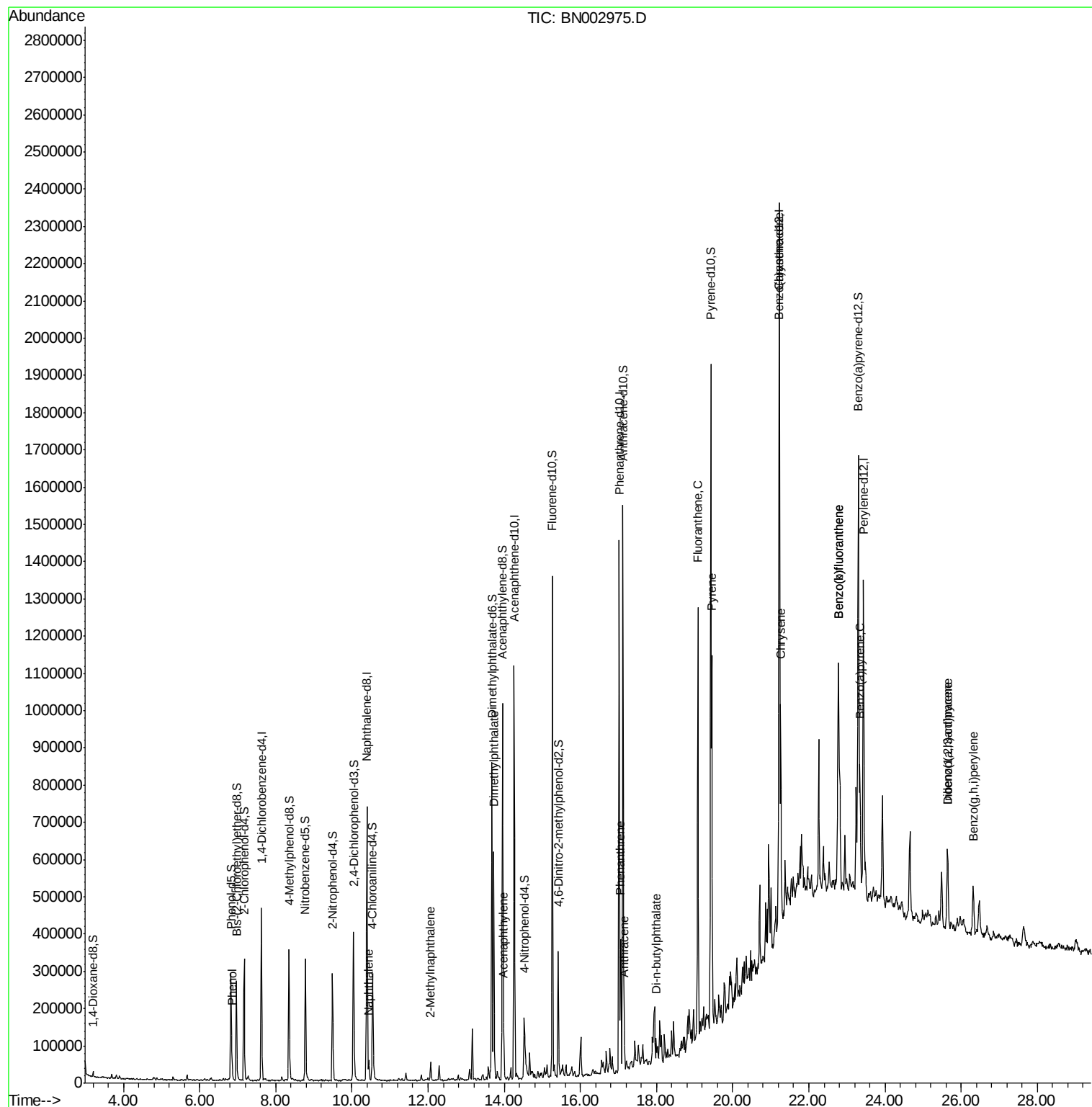
					Ovalue	
6) Phenol	6.85	94	14153	1.285	ng/ul#	87
28) Naphthalene	10.45	128	45388	1.447	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	26024	1.187	ng/ul	97
44) Dimethylphthalate	13.73	163	410524	14.688	ng/ul	100
47) Acenaphthylene	13.99	152	94081	2.678	ng/ul	99
69) Phenanthrene	17.06	178	211555	4.770	ng/ul	99
71) Anthracene	17.15	178	78314	1.741	ng/ul	98
75) Di-n-butylphthalate	17.99	149	53165	1.148	ng/ul	98
76) Fluoranthene	19.09	202	663943	14.033	ng/ul	99
79) Pyrene	19.45	202	578065	11.519	ng/ul	98
82) Benzo(a)anthracene	21.21	228	299116	6.335	ng/ul	96
84) Chrysene	21.26	228	367090	8.295	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	465429	12.899	ng/ul#	94
88) Benzo(k)fluoranthene	22.78	252	465429	13.826	ng/ul#	96
90) Benzo(a)pyrene	23.34	252	218306	6.400	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.64	276	177428	4.393	ng/ul	97
92) Dibenzo(a,h)anthracene	25.63	278	53773	1.580	ng/ul#	78
93) Benzo(g,h,i)perylene	26.32	276	151393	4.484	ng/ul	99

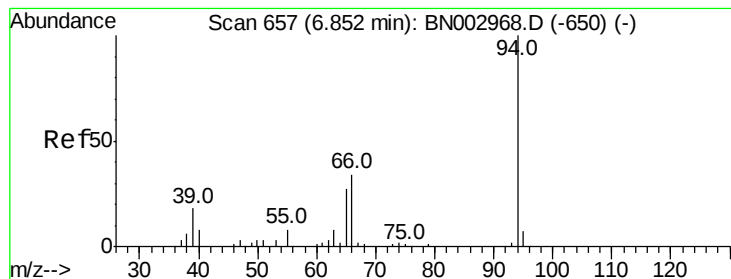
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.285 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

ClientSampled :

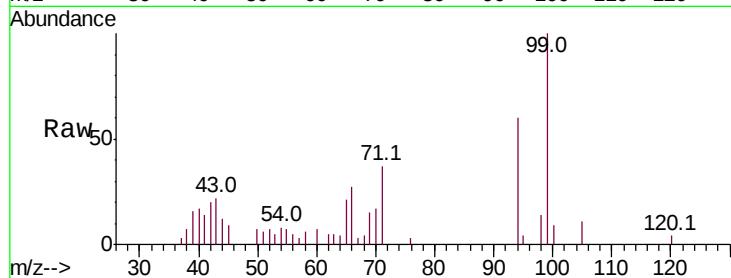
Tot Ion: 94 Resp: 14153

Ion Ratio Lower Upper

94 100

65 35.4 23.1 34.7#

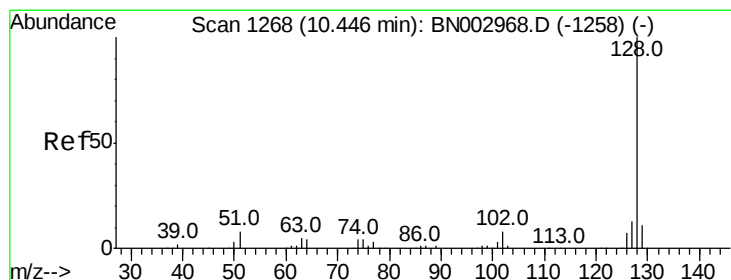
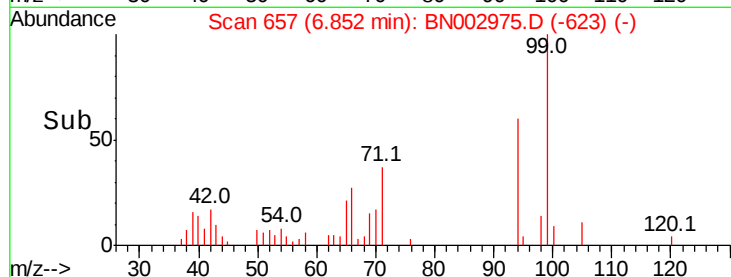
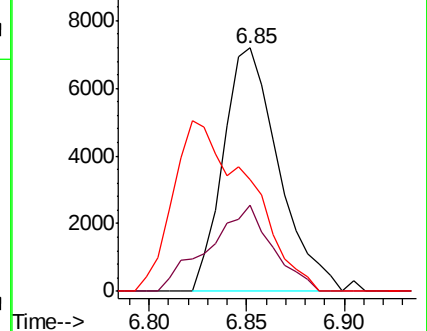
66 45.7 29.8 44.6#



Abundance Ion 94.00 (93.70 to 94.70): BN002968.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BN002968.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BN002968.D (-650) (-)



#28

Naphthalene

Concen: 1.447 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

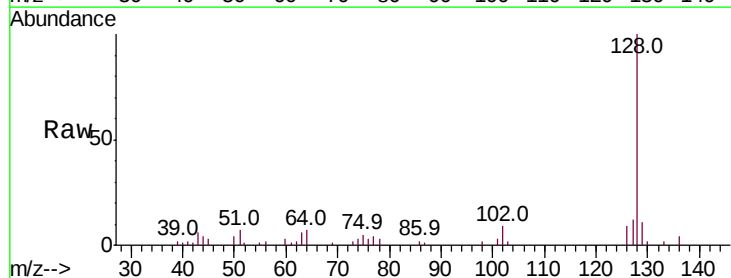
Tgt Ion: 128 Resp: 45388

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

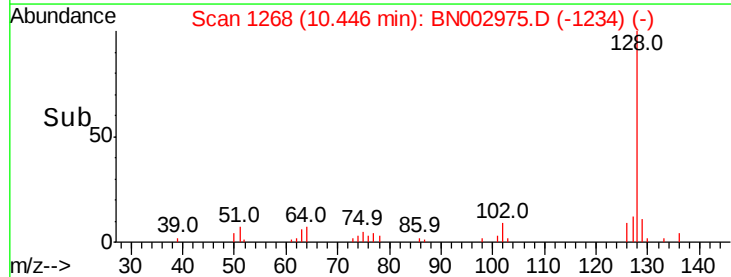
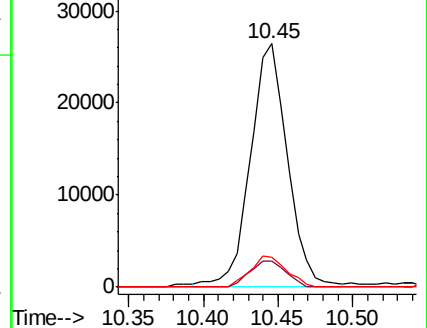
127 12.1 10.5 15.7

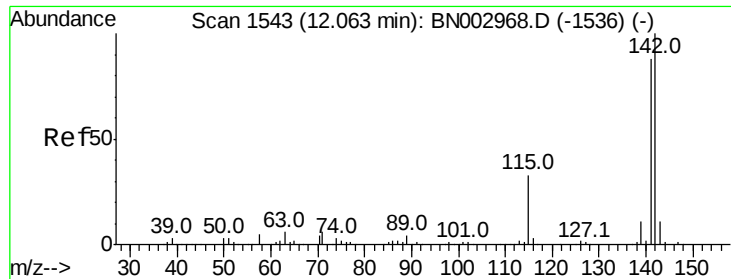


Abundance Ion 128.00 (127.70 to 128.70): BN002968.D (-1258) (-)

Ion 129.00 (128.70 to 129.70): BN002968.D (-1258) (-)

Ion 127.00 (126.70 to 127.70): BN002968.D (-1258) (-)

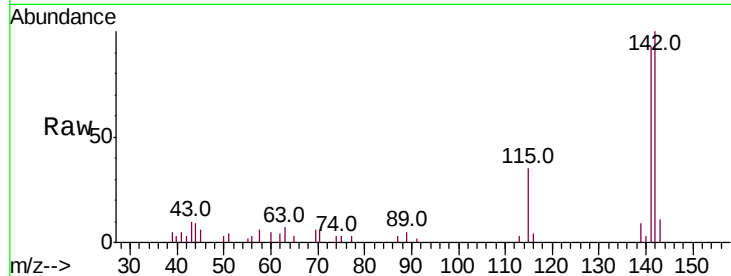




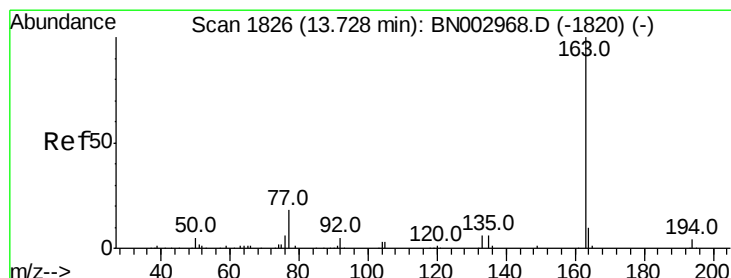
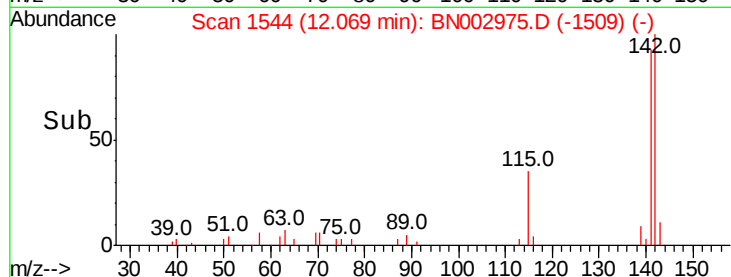
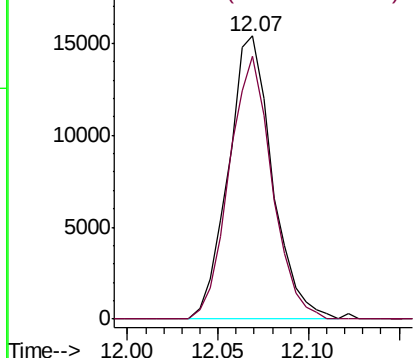
#34
2-Methylnaphthalene
Concen: 1.187 ng/ul
RT: 12.07 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Instrument :
BNA_N
ClientSampleId :

Tot Ion:142 Resp: 26024
Ion Ratio Lower Upper
142 100
141 92.8 71.8 107.8

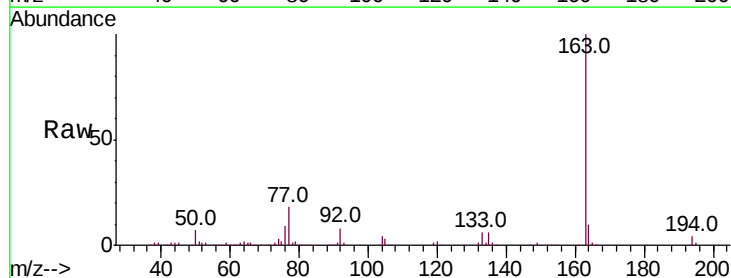


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

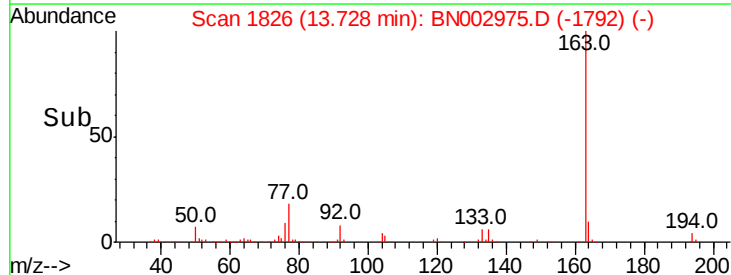
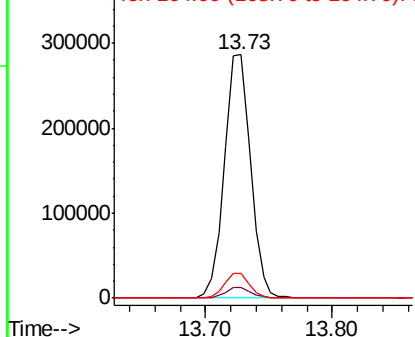


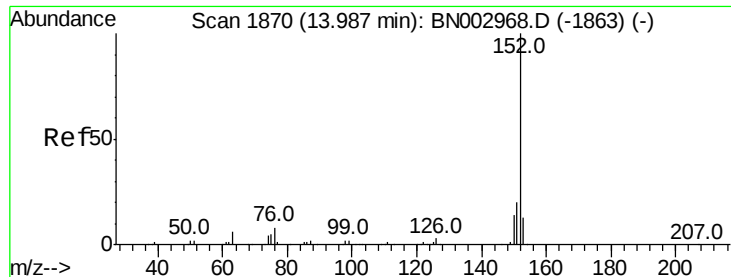
#44
Dimethylphthalate
Concen: 14.688 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Tgt Ion:163 Resp: 410524
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 2.678 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

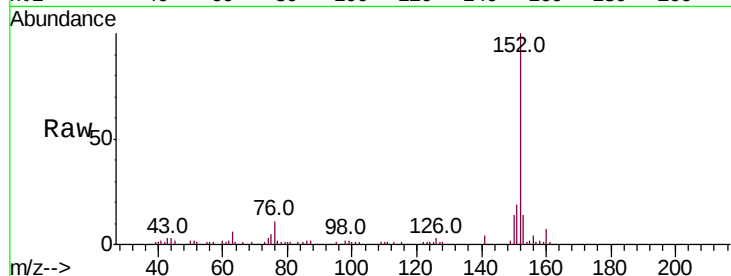
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 94081

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.0	24.0
153	13.6	10.6	16.0

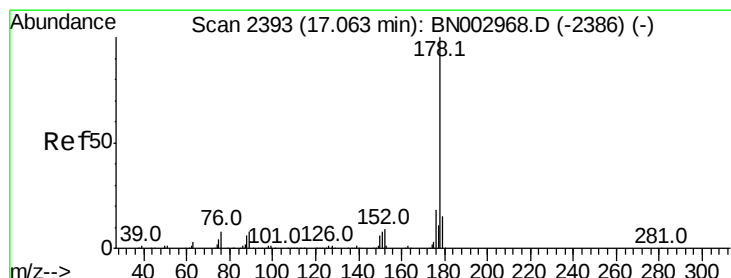
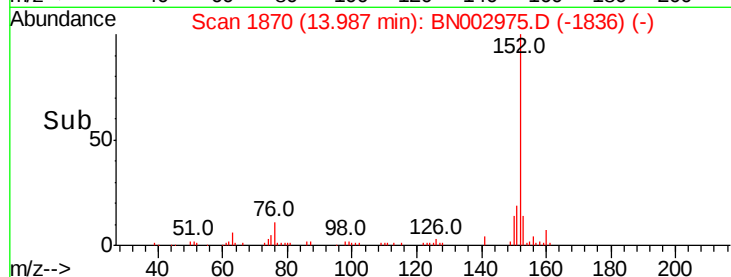
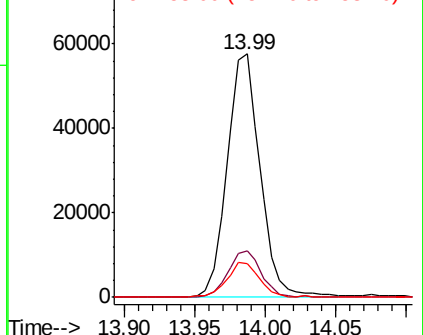


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 4.770 ng/ul

RT: 17.06 min Scan# 2392

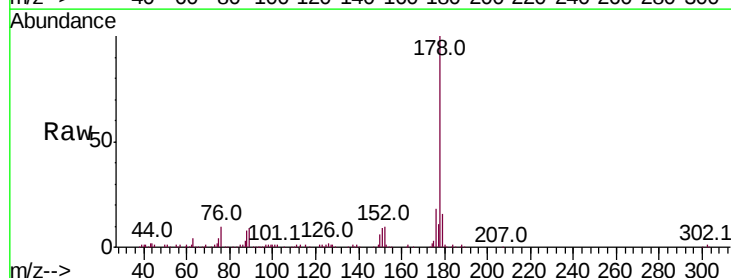
Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt Ion:178 Resp: 211555

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.4	15.0	22.6

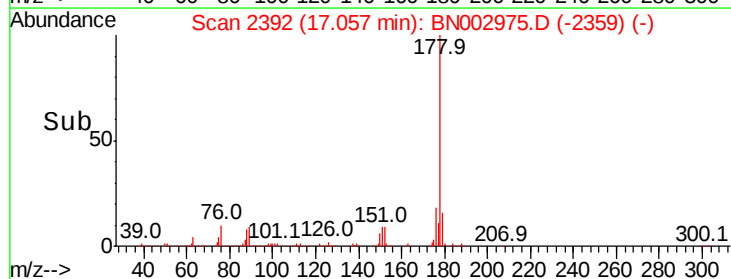
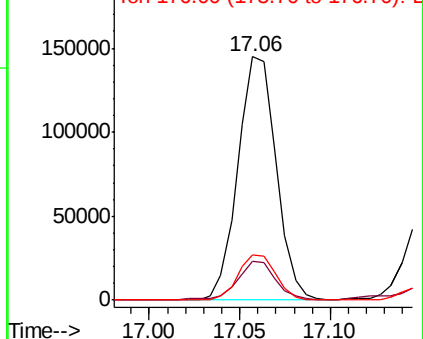


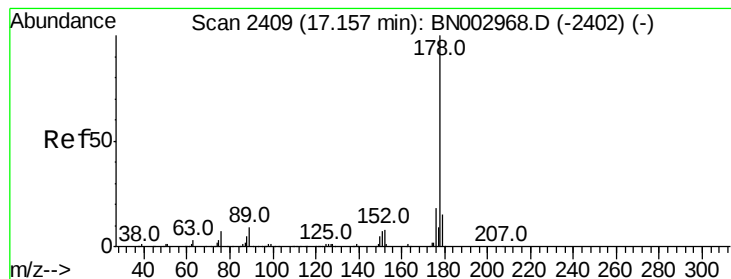
Abundance

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





#71

Anthracene

Concen: 1.741 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

ClientSampleId :

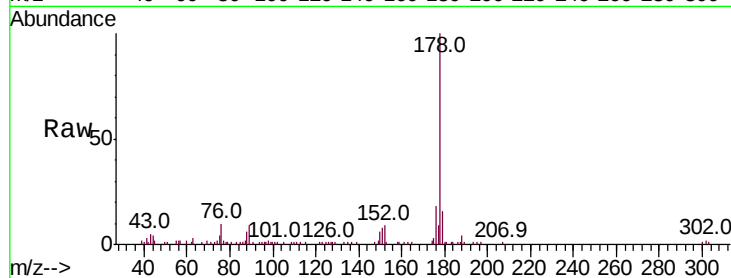
Tot Ion:178 Resp: 78314

Ion Ratio Lower Upper

178 100

179 16.4 12.0 18.0

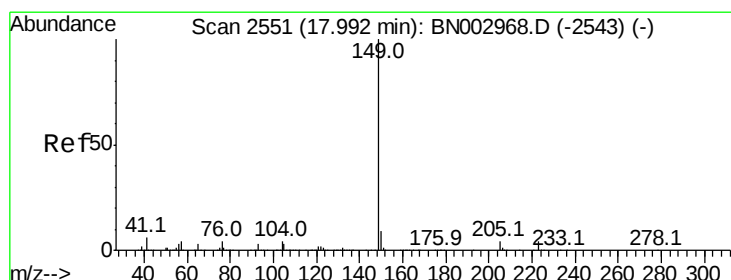
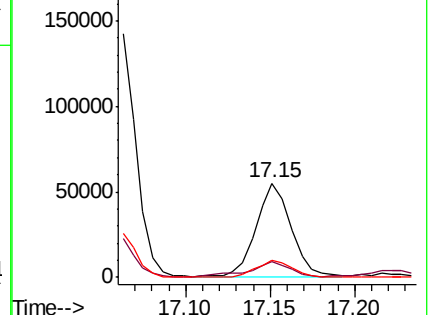
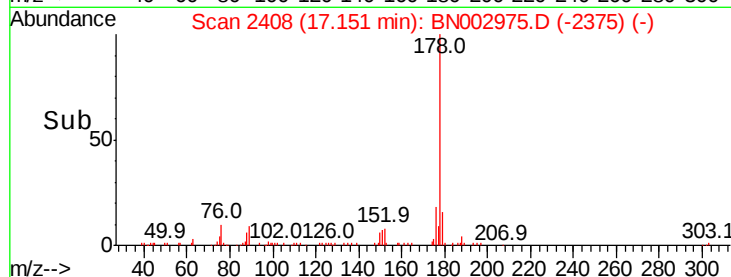
176 18.5 15.0 22.4



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



#75

Di-n-butylphthalate

Concen: 1.148 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

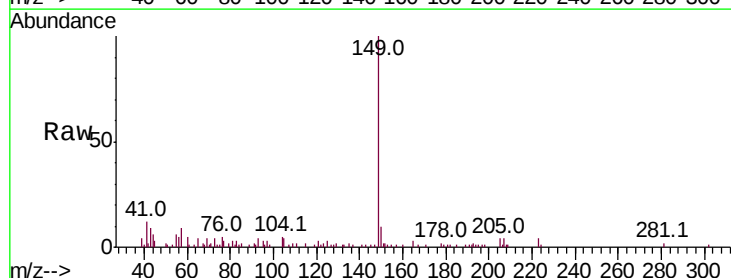
Tgt Ion:149 Resp: 53165

Ion Ratio Lower Upper

149 100

150 10.4 7.3 10.9

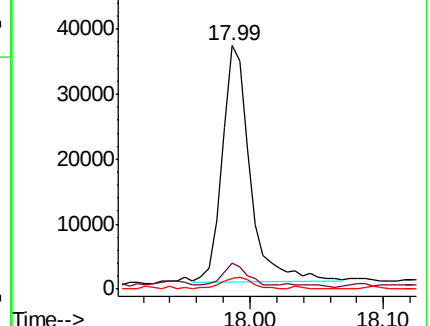
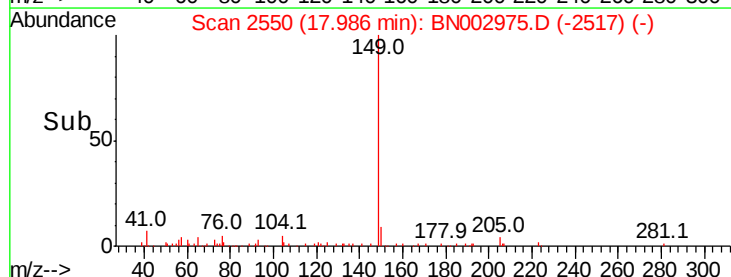
104 4.6 3.7 5.5

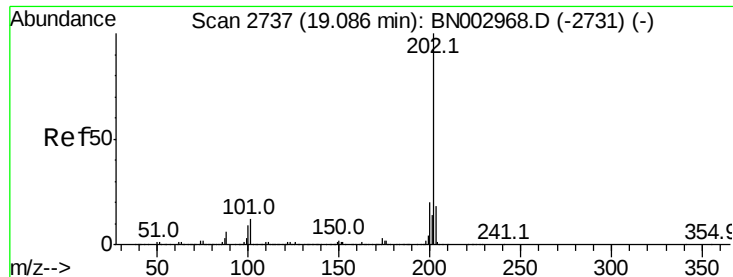


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

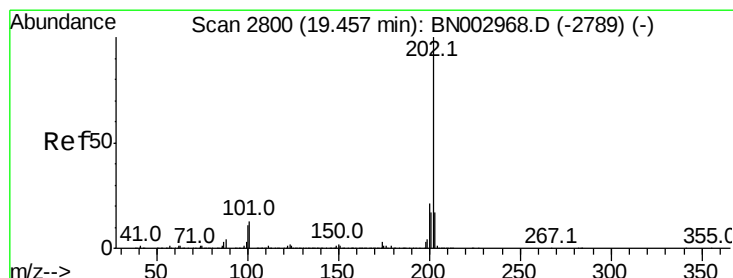
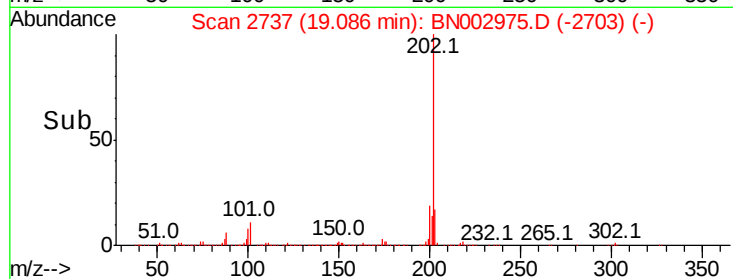
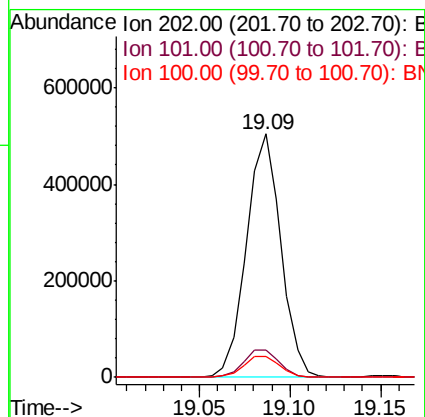
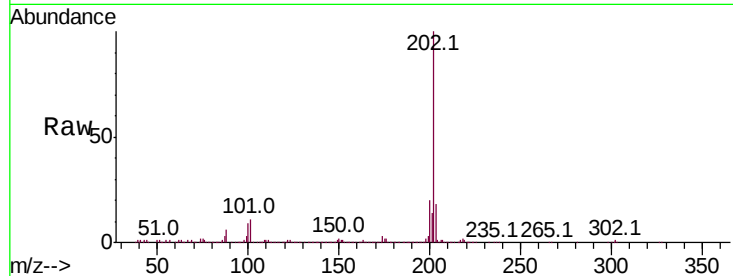




#76
 Fluoranthene
 Concen: 14.033 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BN002975.D
 Acq: 05 Oct 2018 22:30

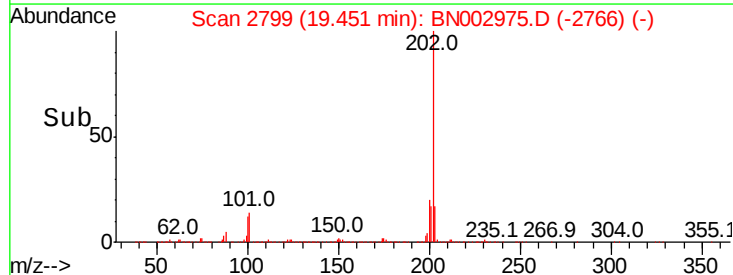
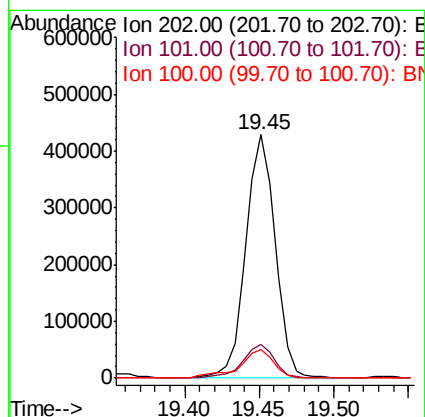
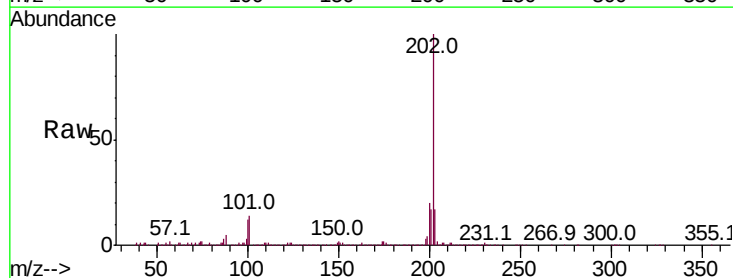
Instrument :
 BNA_N
 ClientSampleId :

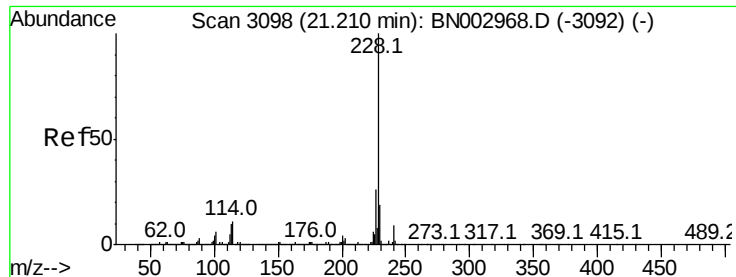
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.4	14.2
100	8.5	7.0	10.6



#79
 Pyrene
 Concen: 11.519 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. -0.01 min
 Lab File: BN002975.D
 Acq: 05 Oct 2018 22:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.8	16.2
100	11.6	8.2	12.2

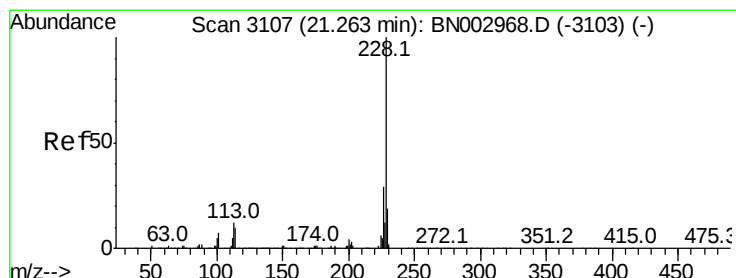
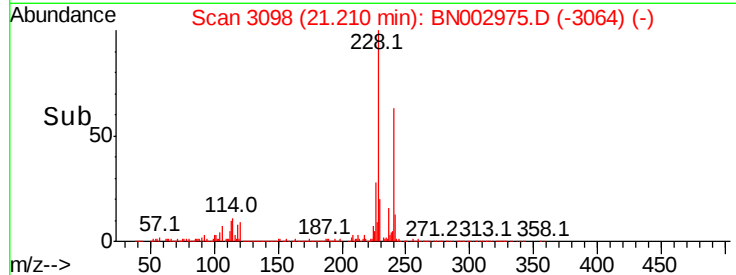
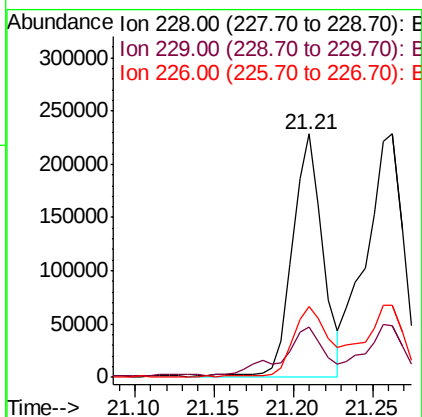
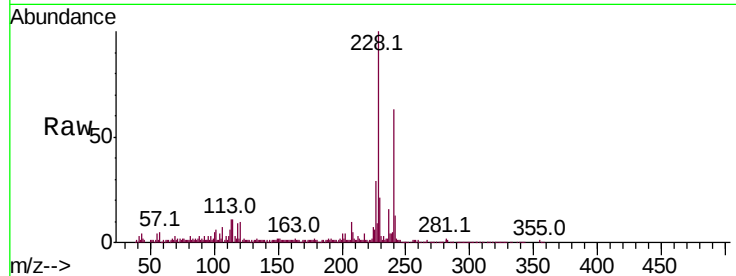




#82
Benzo(a)anthracene
Concen: 6.335 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

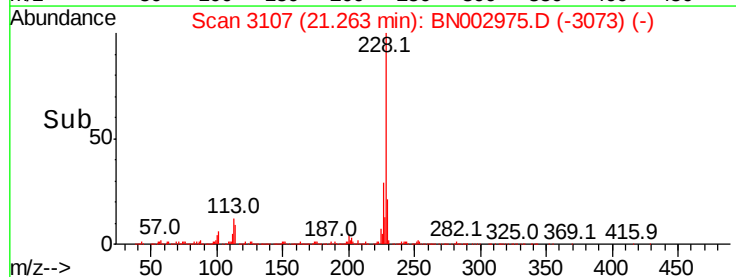
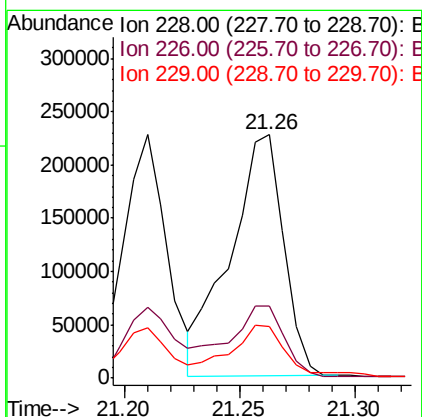
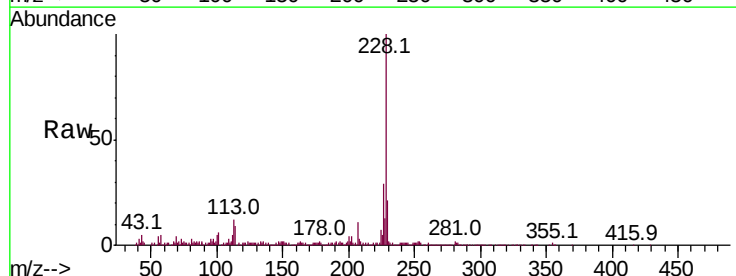
Instrument :
BNA_N
ClientSampleId :

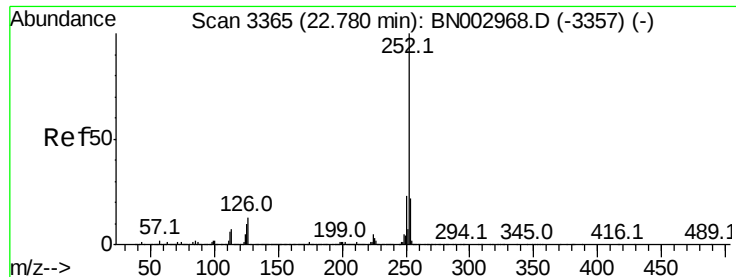
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	28.9	20.9	31.3



#84
Chrysene
Concen: 8.295 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	21.4	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 12.899 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BN002975.D

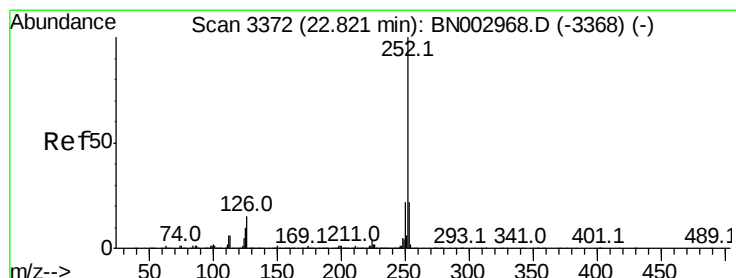
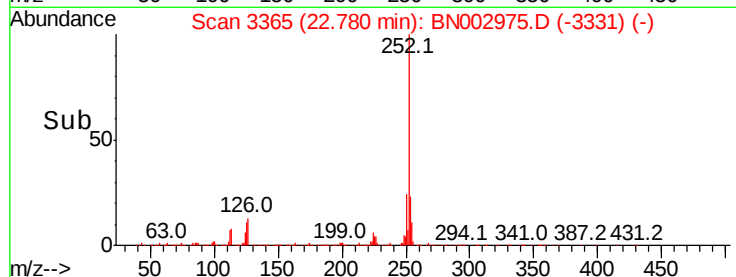
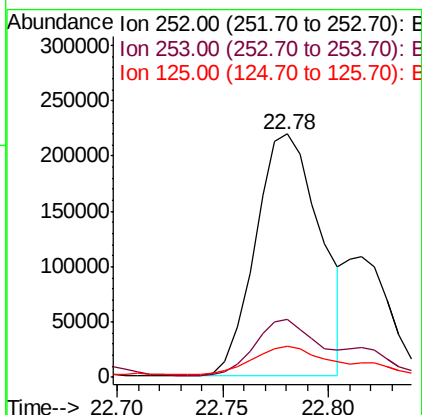
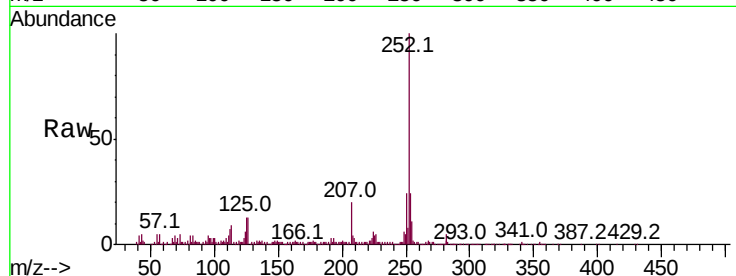
Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

ClientSampled :

Tot Ion:252	Resp:	465429
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.0 25.4
125	12.7	8.0 12.0#



#88

Benzo(k)fluoranthene

Concen: 13.826 ng/ul

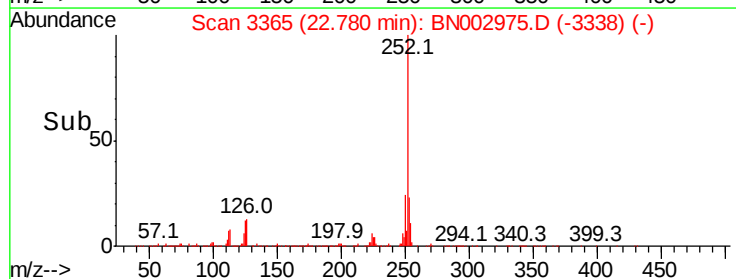
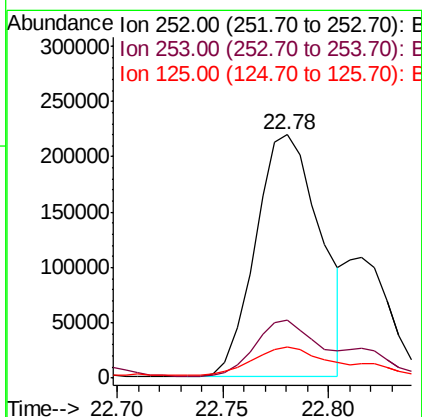
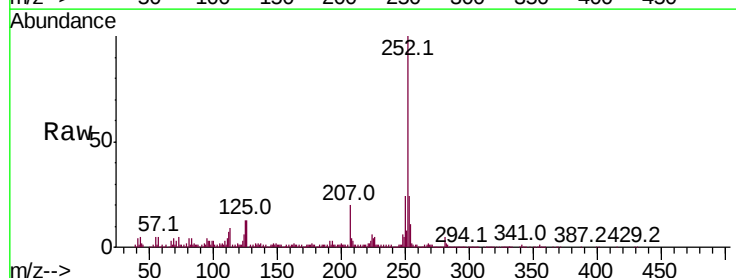
RT: 22.78 min Scan# 3365

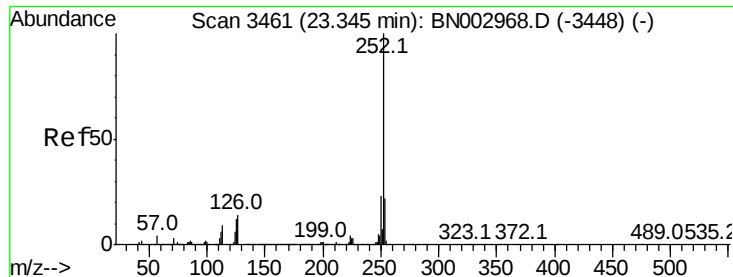
Delta R.T. -0.04 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt Ion:252	Resp:	465429
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.8 26.8
125	12.7	8.3 12.5#

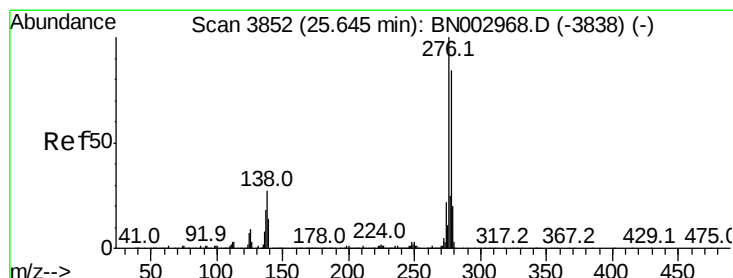
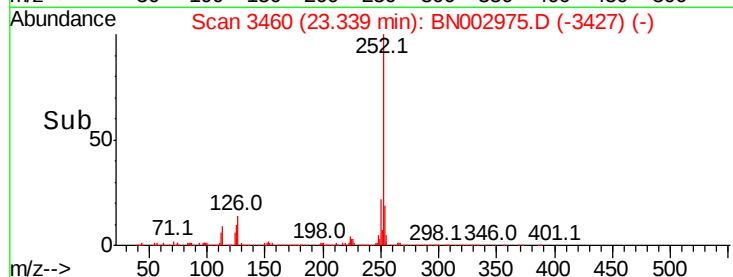
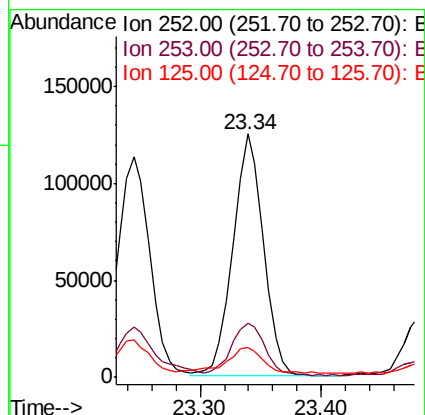
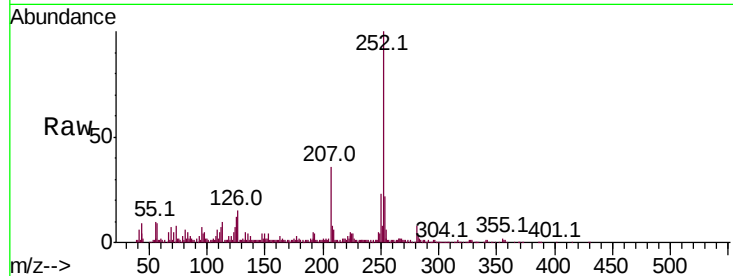




#90
Benzo(a)pyrene
Concen: 6.400 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

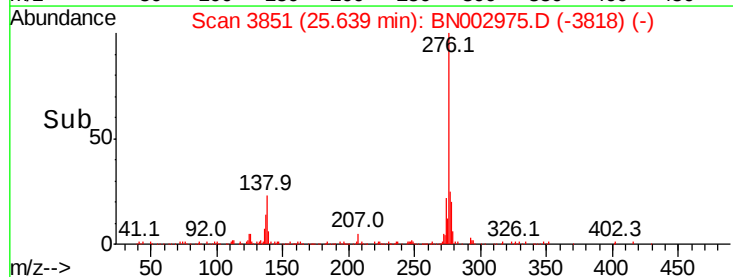
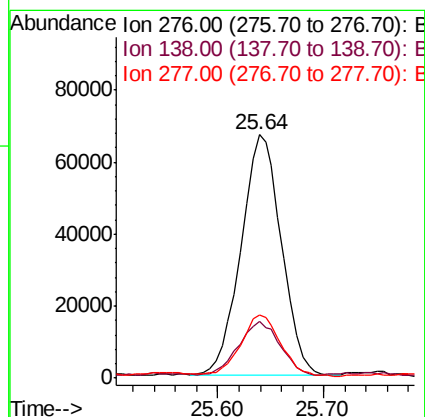
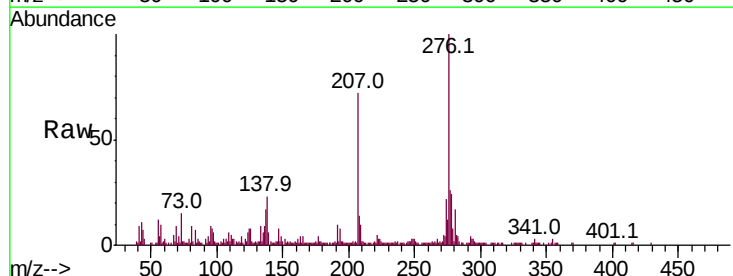
Instrument :
BNA_N
ClientSampleId :

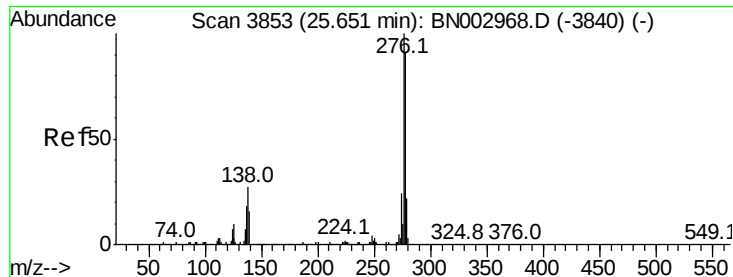
Tot Ion:	252	Resp:	218306
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	12.1	8.8	13.2



#91
Indeno(1,2,3-cd)pyrene
Concen: 4.393 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Tgt Ion:	276	Resp:	177428
Ion	Ratio	Lower	Upper
276	100		
138	23.5	20.2	30.4
277	26.0	20.0	30.0





#92

Dibenzo(a,h)anthracene

Concen: 1.580 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. -0.02 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

ClientSampled :

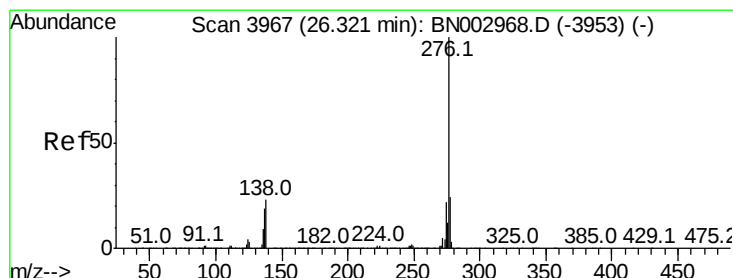
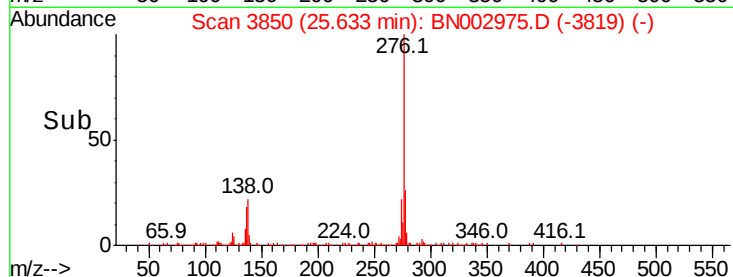
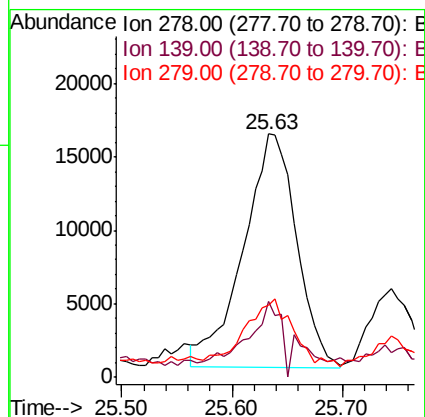
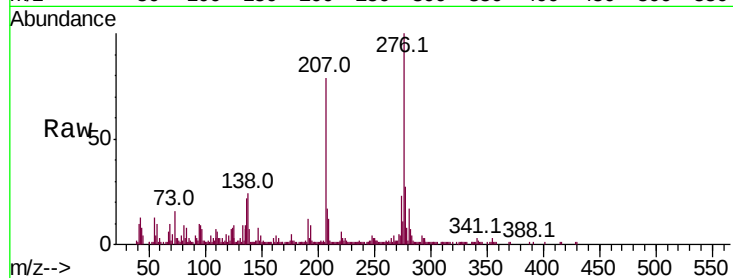
Tot Ion:278 Resp: 53773

Ion Ratio Lower Upper

278 100

139 31.2 12.7 19.1#

279 29.7 18.7 28.1#



#93

Benzo(g,h,i)perylene

Concen: 4.484 ng/ul

RT: 26.32 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt Ion:276 Resp: 151393

Ion Ratio Lower Upper

276 100

138 23.4 18.2 27.2

277 24.0 18.6 28.0

