

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
 Data File : BN002977.D
 Acq On : 05 Oct 2018 23:41
 Operator : MJ/SJ
 Sample : J5116-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 06 02:57:28 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	137324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	624909	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	372304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	738240	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	494062	20.00	ng/ul	0.02
85) Perylene-d12	23.37	264	659472	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	9049	3.04	ng/uL	0.00
5) Phenol-d5	6.82	99	247702	21.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	156008	21.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	223826	23.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	196859	21.80	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	113028	23.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	133726	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	234751	23.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	205462	17.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	735030	25.22	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	946585	24.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	108627	22.54	ng/ul	0.00
57) Fluorene-d10	15.26	176	678406	26.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	41769	9.05	ng/ul	0.00
70) Anthracene-d10	17.12	188	913413	25.92	ng/ul	0.00
78) Pyrene-d10	19.43	212	807234	30.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	652409	18.79	ng/ul	0.08

Target Compounds

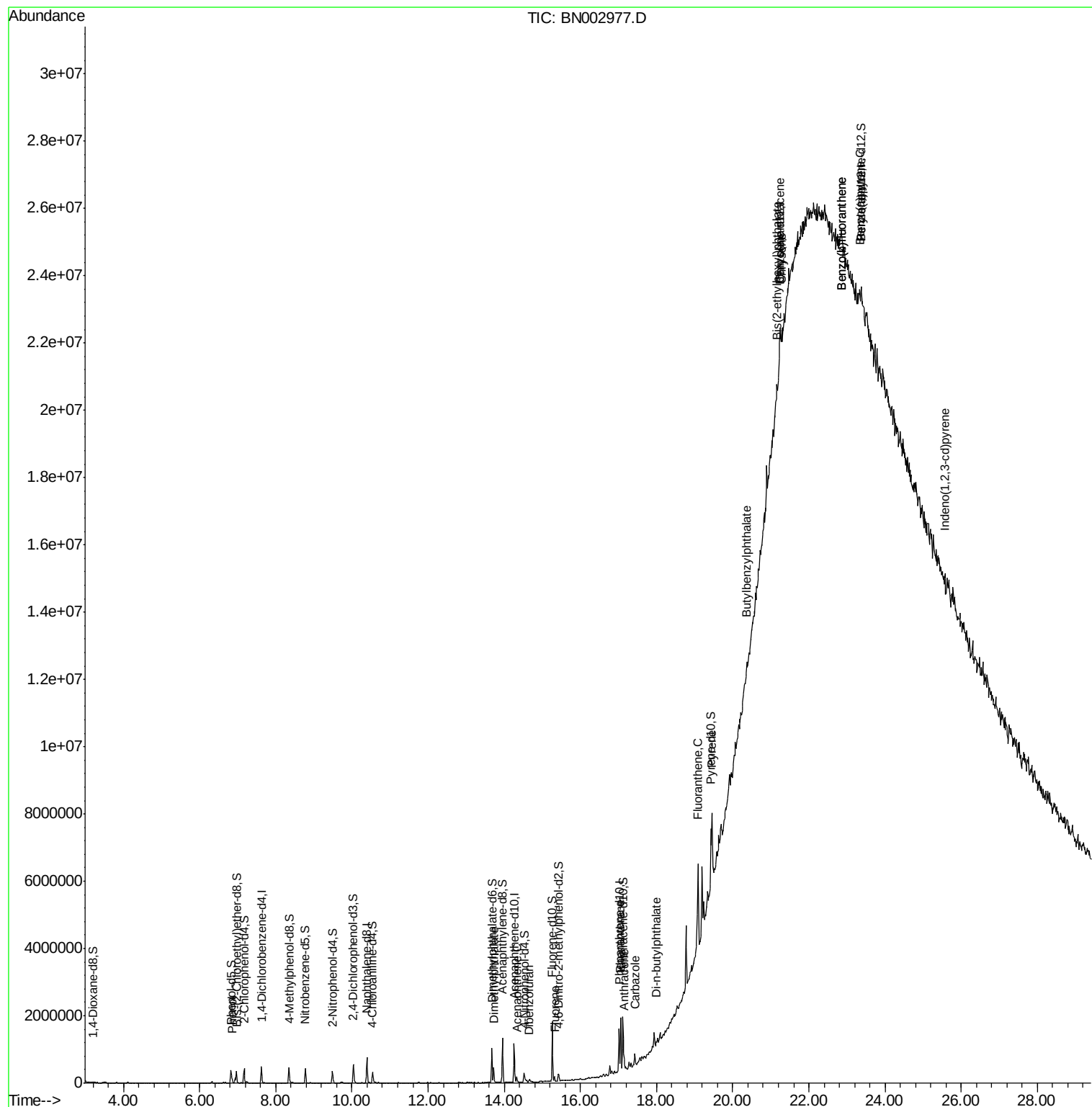
					Ovalue	
6) Phenol	6.85	94	62554	5.320	ng/ul	97
44) Dimethylphthalate	13.73	163	299727	10.538	ng/ul	100
49) Acenaphthene	14.33	153	62204	2.456	ng/ul	94
53) Dibenzofuran	14.67	168	37869	1.088	ng/ul	94
58) Fluorene	15.32	166	57625	2.066	ng/ul	98
69) Phenanthrene	17.06	178	988222	24.296	ng/ul	99
71) Anthracene	17.15	178	253887	6.156	ng/ul	99
74) Carbazole	17.43	167	167824	4.742	ng/ul	99
75) Di-n-butylphthalate	17.99	149	87412	2.059	ng/ul#	87
76) Fluoranthene	19.09	202	1333978	30.744	ng/ul	99
79) Pyrene	19.46	202	1008639	30.877	ng/ul	95
80) Butylbenzylphthalate	20.37	149	118645	8.728	ng/ul	96
82) Benzo(a)anthracene	21.23	228	377405	12.279	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.16	149	122246	6.195	ng/ul#	98
84) Chrysene	21.29	228	440715	15.298	ng/ul#	91
87) Benzo(b)fluoranthene	22.84	252	859554	21.342	ng/ul#	1
88) Benzo(k)fluoranthene	22.84	252	894192	23.798	ng/ul#	1
90) Benzo(a)pyrene	23.33	252	424824	11.157	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	25.56	276	53860	1.195	ng/ul#	1

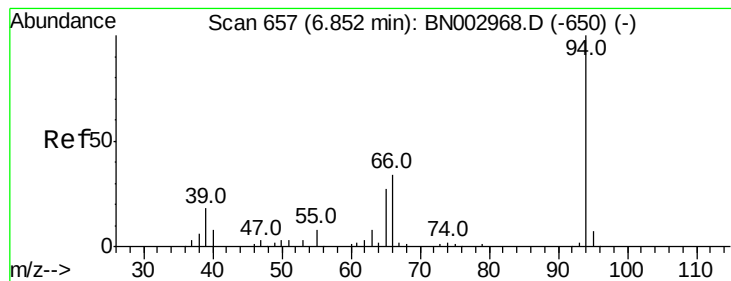
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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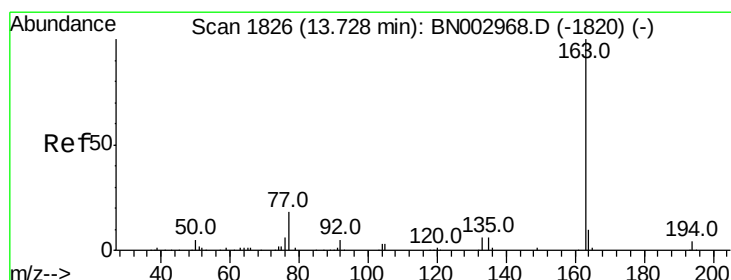
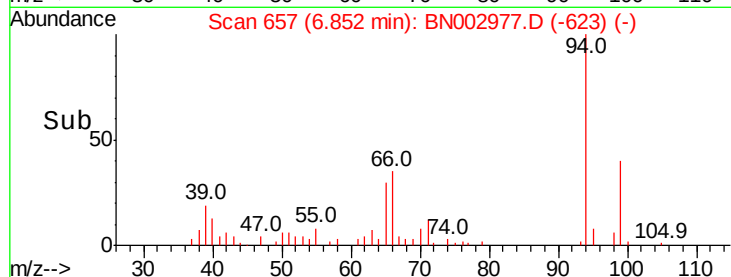
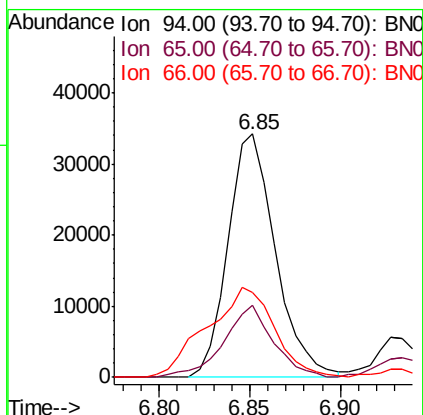
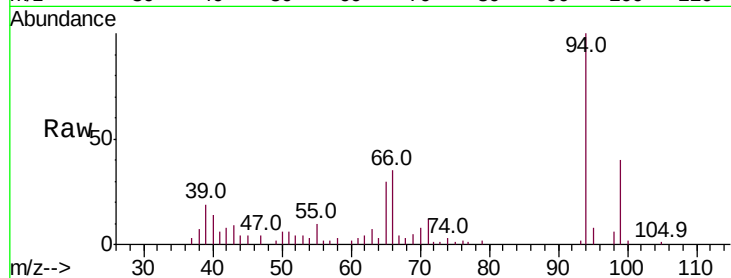
#6

Phenol

Concen: 5.320 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BN002977.D
 Acq: 05 Oct 2018 23:41

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 94 Resp: 62554
 Ion Ratio Lower Upper
 94 100
 65 29.7 23.1 34.7
 66 35.0 29.8 44.6

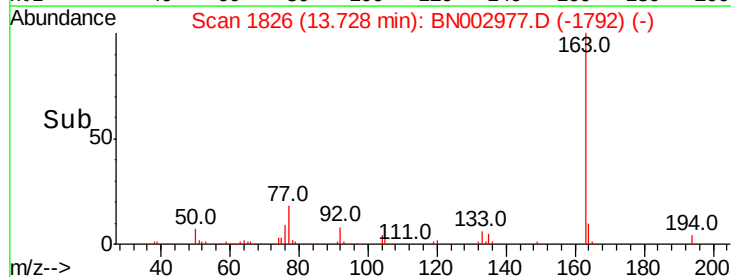
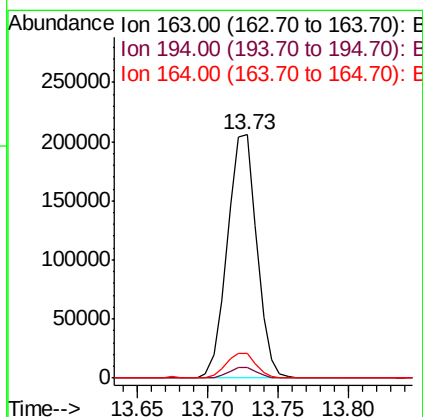
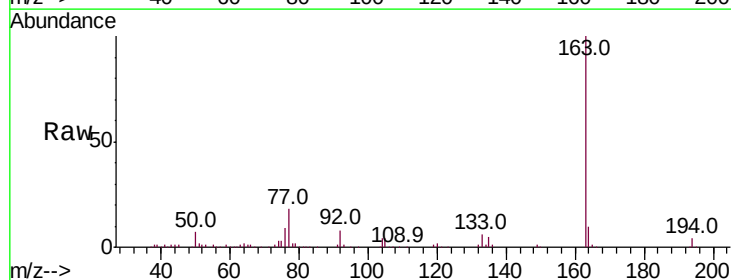


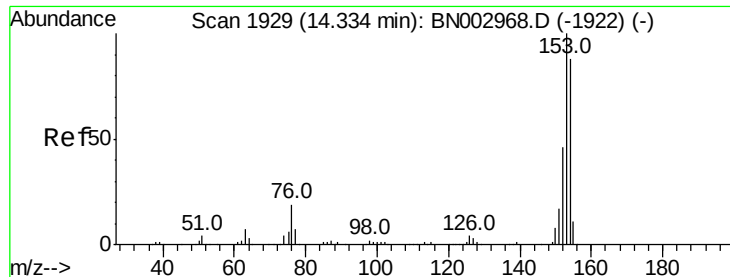
#44

Dimethylphthalate

Concen: 10.538 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BN002977.D
 Acq: 05 Oct 2018 23:41

Tgt Ion: 163 Resp: 299727
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.5 5.3
 164 10.0 8.1 12.1





#49

Acenaphthene

Concen: 2.456 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

Instrument :

BNA_N

ClientSampled :

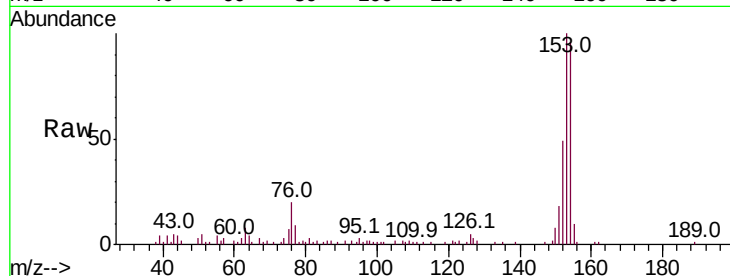
Tot Ion:153 Resp: 62204

Ion Ratio Lower Upper

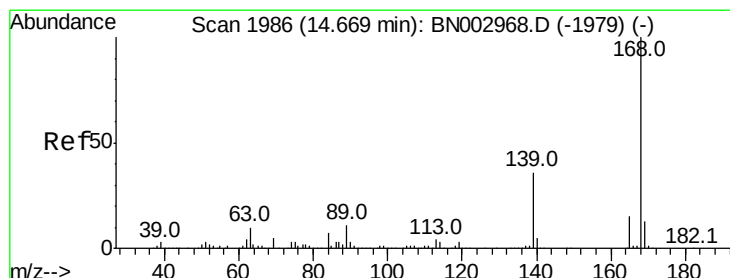
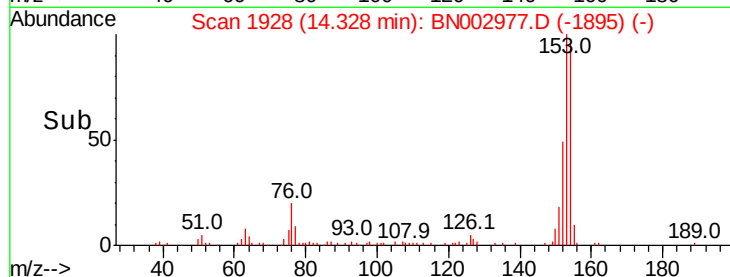
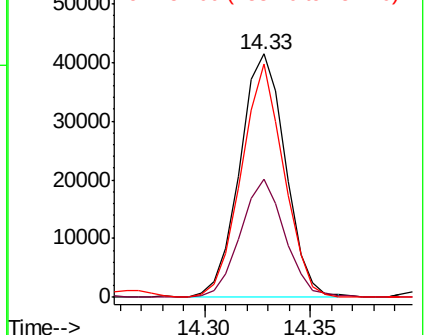
153 100

152 48.5 37.8 56.6

154 95.6 70.9 106.3



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.088 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN002977.D

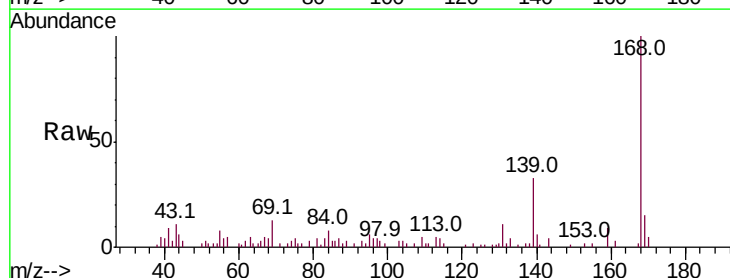
Acq: 05 Oct 2018 23:41

Tgt Ion:168 Resp: 37869

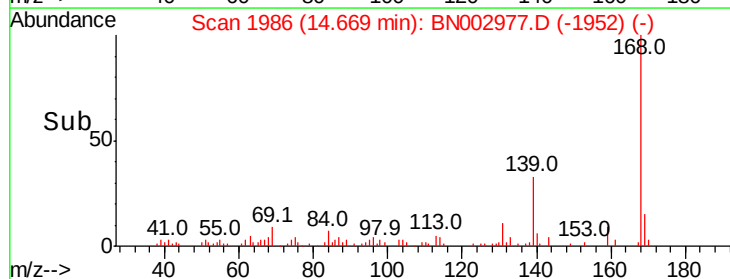
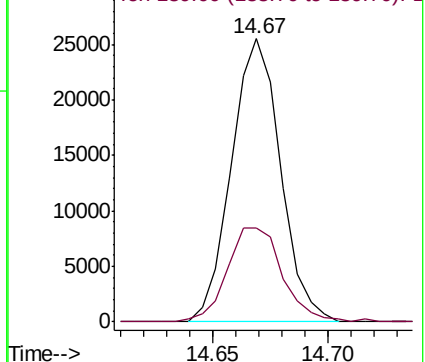
Ion Ratio Lower Upper

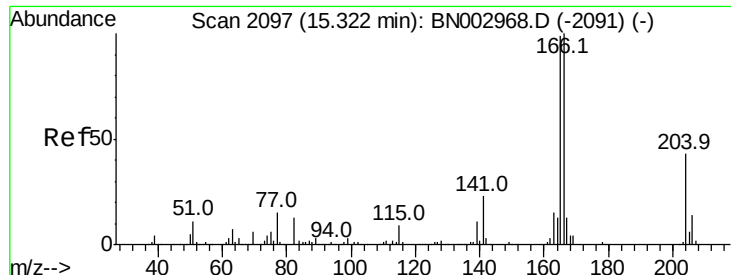
168 100

139 33.2 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

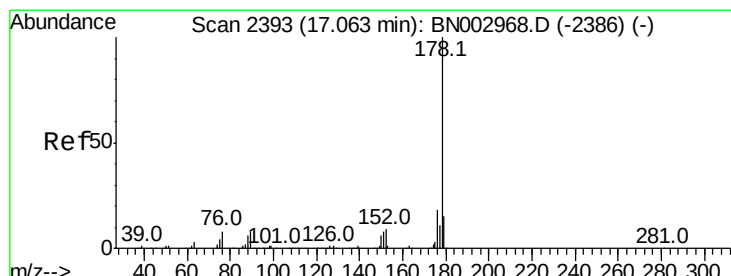
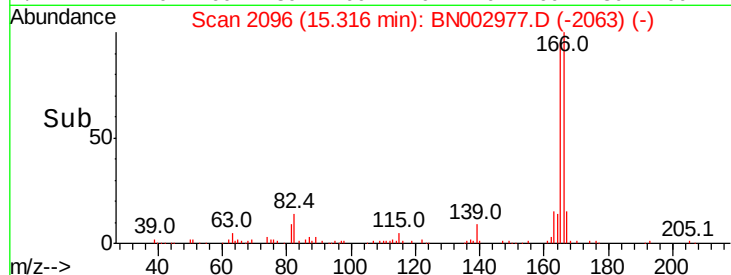
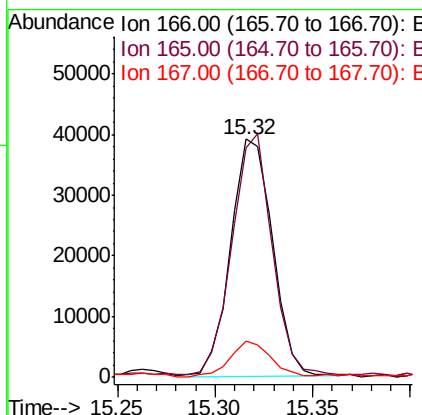
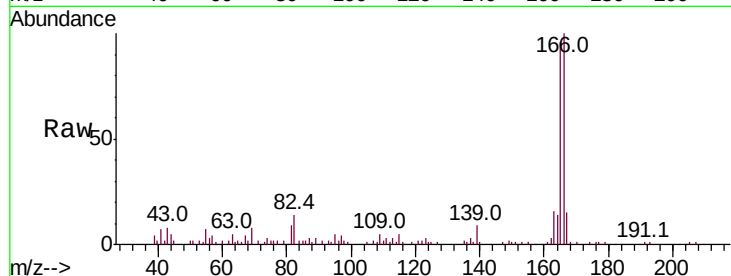




#58
 Fluorene
 Concen: 2.066 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BN002977.D
 Acq: 05 Oct 2018 23:41

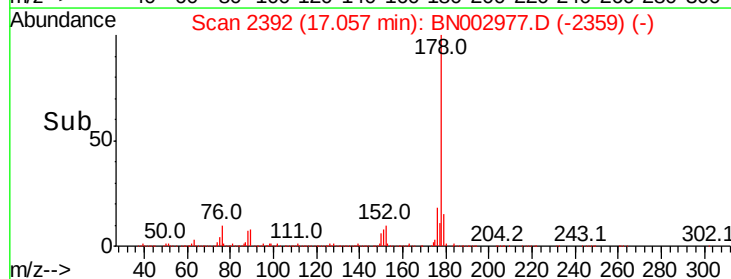
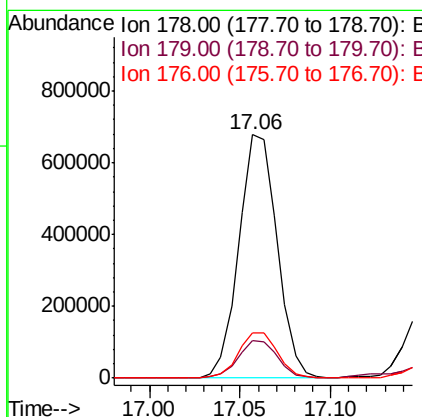
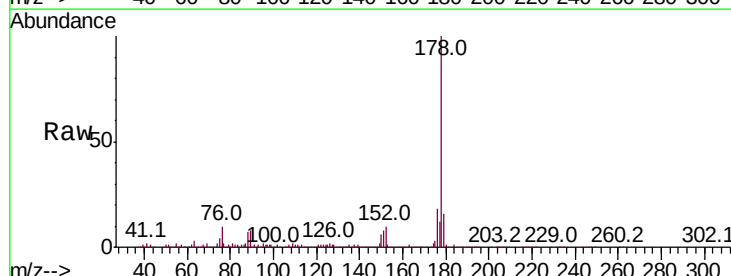
Instrument :
 BNA_N
 ClientSampleId :

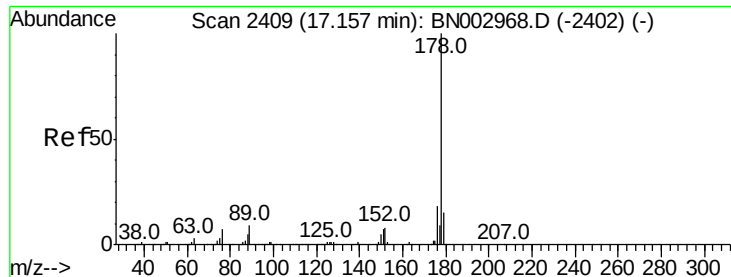
Tot Ion:166 Resp: 57625
 Ion Ratio Lower Upper
 166 100
 165 96.2 78.3 117.5
 167 15.2 11.0 16.6



#69
 Phenanthrene
 Concen: 24.296 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.01 min
 Lab File: BN002977.D
 Acq: 05 Oct 2018 23:41

Tgt Ion:178 Resp: 988222
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.2 18.4
 176 18.4 15.0 22.6

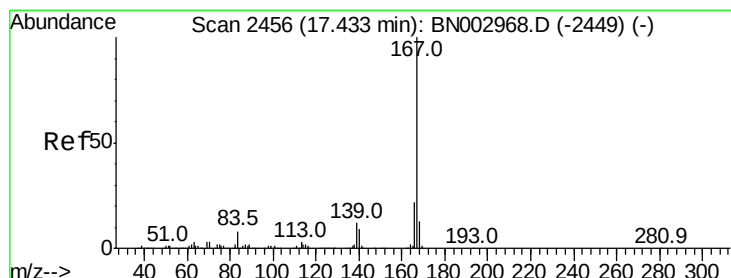
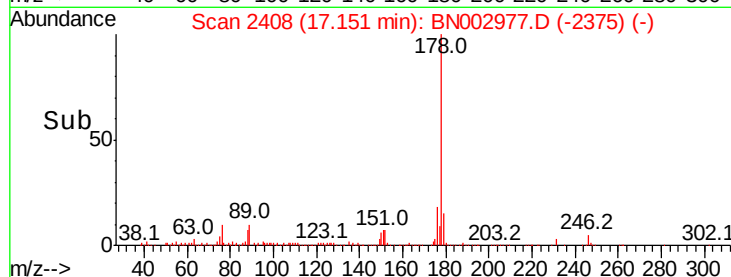
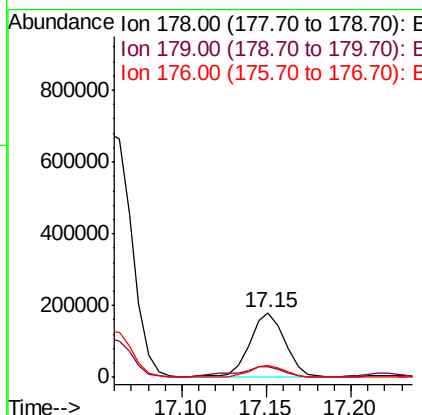
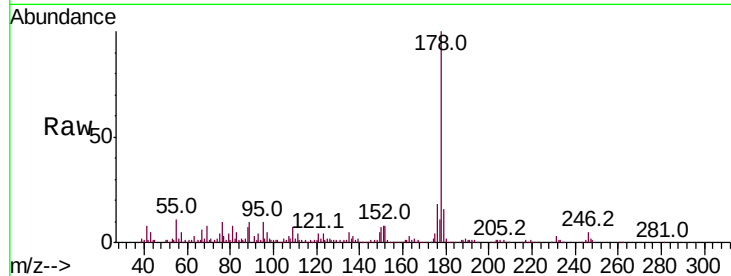




#71
 Anthracene
 Concen: 6.156 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN002977.D
 Acq: 05 Oct 2018 23:41

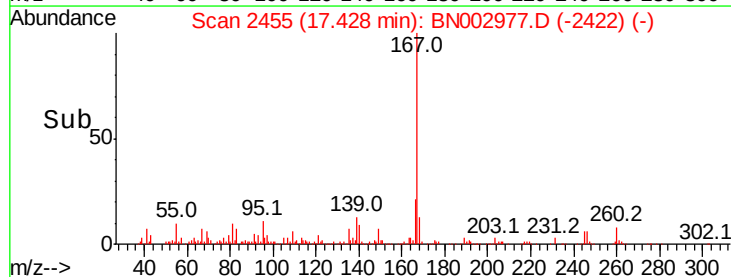
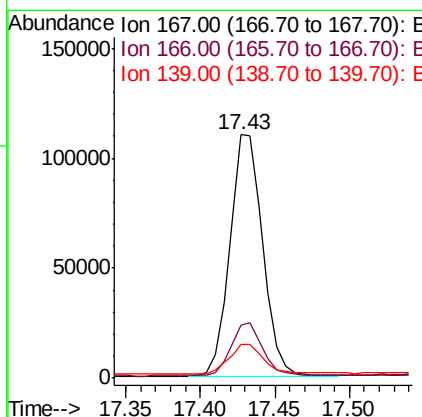
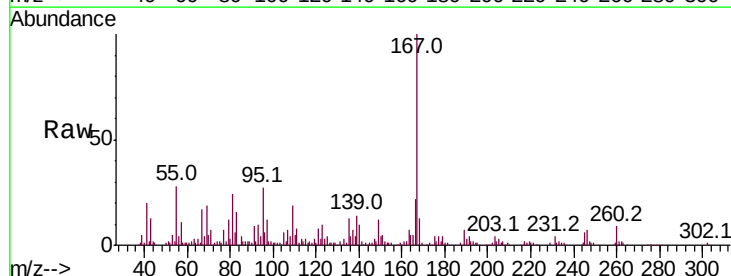
Instrument :
 BNA_N
 ClientSampleId :

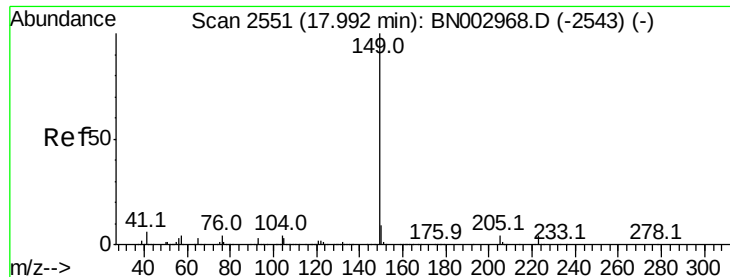
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.4	15.0	22.4



#74
 Carbazole
 Concen: 4.742 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BN002977.D
 Acq: 05 Oct 2018 23:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.0	25.6
139	14.1	10.7	16.1





#75

Di-n-butylphthalate

Concen: 2.059 ng/ul

RT: 17.99 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

Instrument :

BNA_N

ClientSampled :

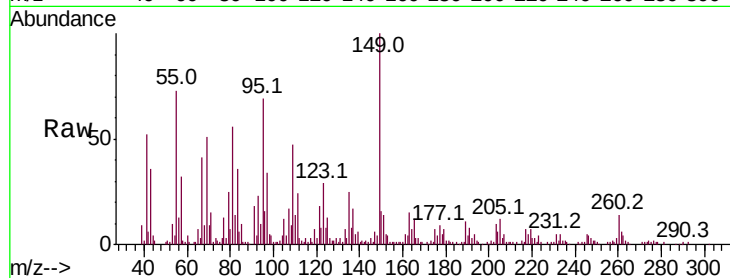
Tot Ion:149 Resp: 87412

Ion Ratio Lower Upper

149 100

150 15.8 7.3 10.9#

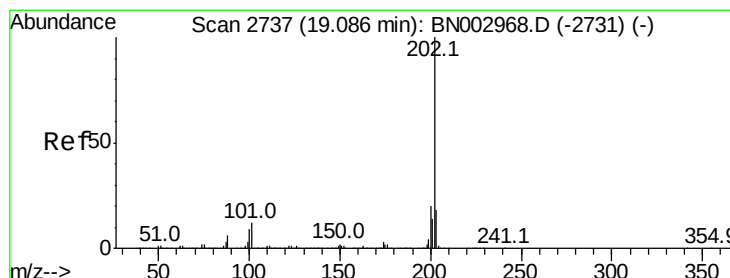
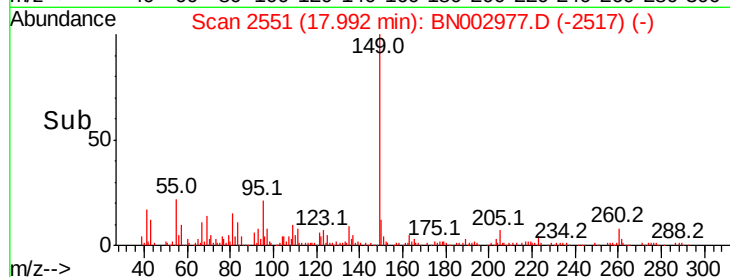
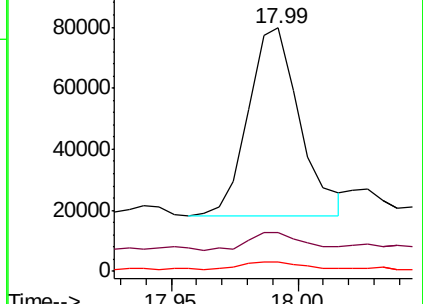
104 3.8 3.7 5.5



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: 30.744 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. 0.01 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

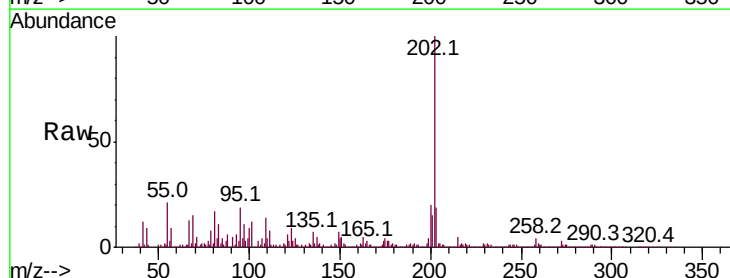
Tgt Ion:202 Resp: 1333978

Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

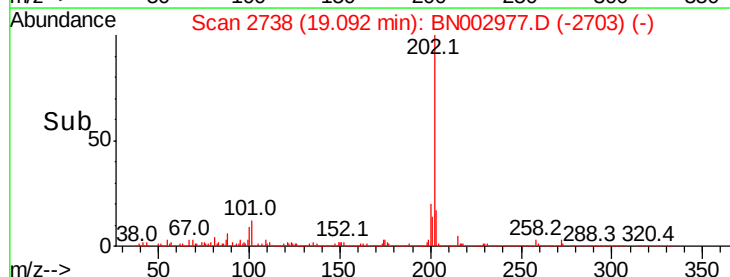
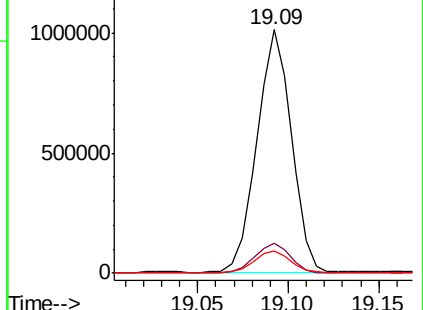
100 9.3 7.0 10.6

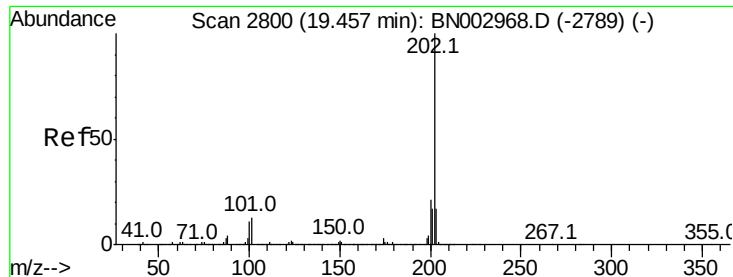


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

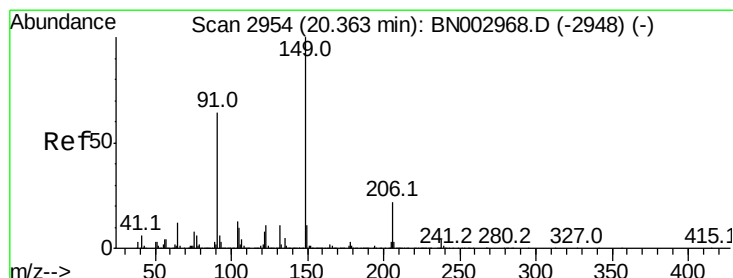
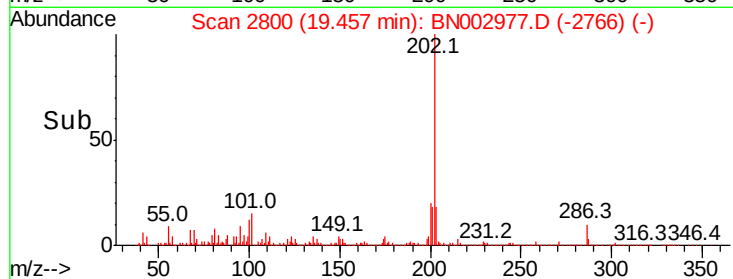
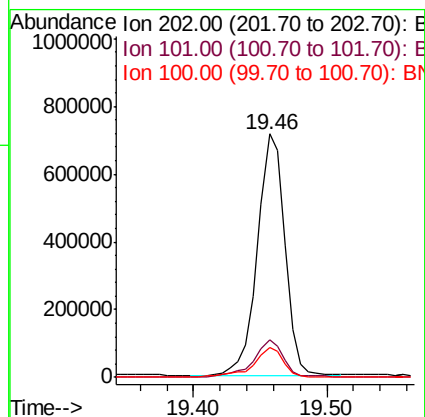
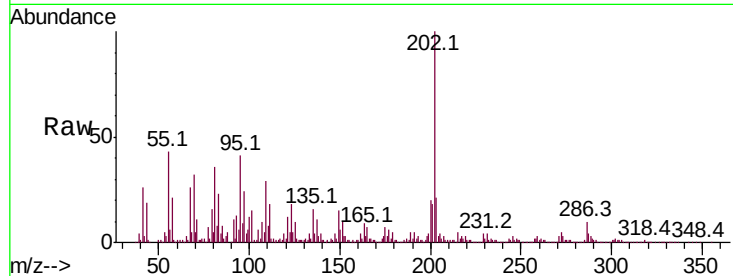




#79
Pvrene
Concen: 30.877 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

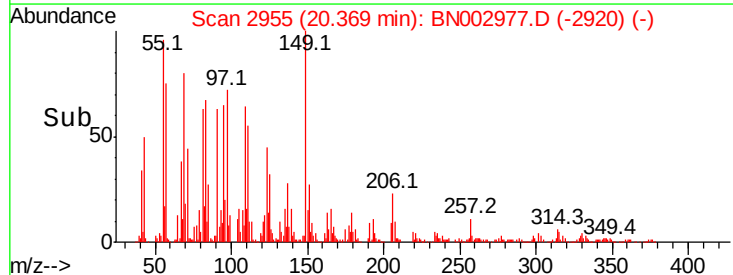
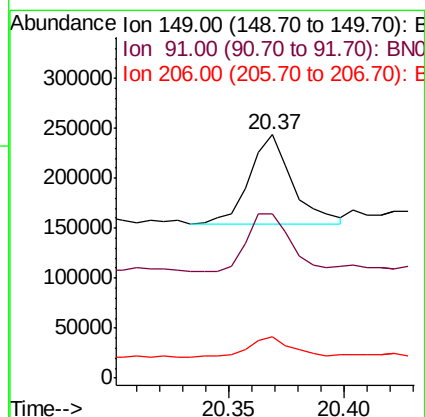
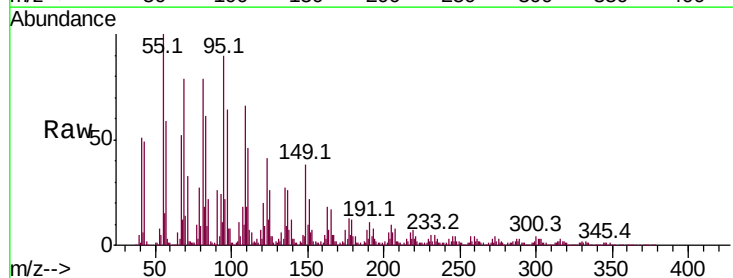
Instrument :
BNA_N
ClientSampleId :

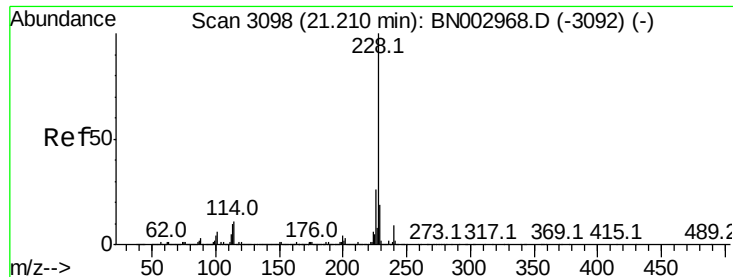
Tot Ion:202 Resp: 1008639
Ion Ratio Lower Upper
202 100
101 15.2 10.8 16.2
100 12.1 8.2 12.2



#80
Butylbenzylphthalate
Concen: 8.728 ng/ul
RT: 20.37 min Scan# 2955
Delta R.T. 0.01 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion:149 Resp: 118645
Ion Ratio Lower Upper
149 100
91 67.7 56.3 84.5
206 17.1 16.8 25.2





#82

Benzo(a)anthracene

Concen: 12.279 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. 0.02 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

Instrument :

BNA_N

ClientSampleId :

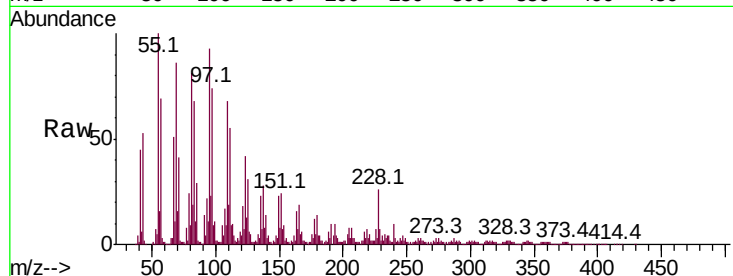
Tot Ion:228 Resp: 377405

Ion Ratio Lower Upper

228 100

229 26.4 15.8 23.6#

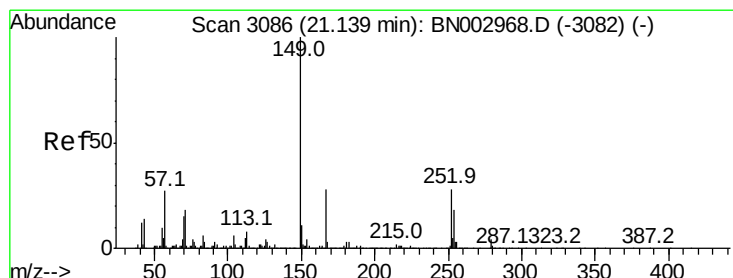
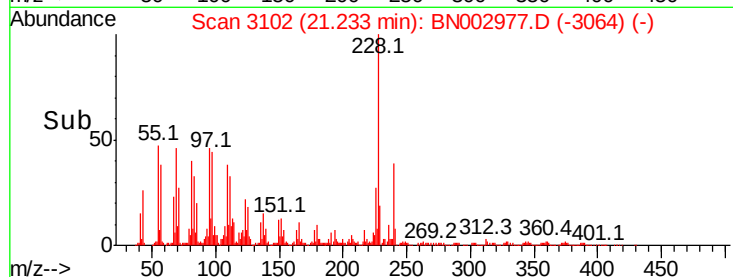
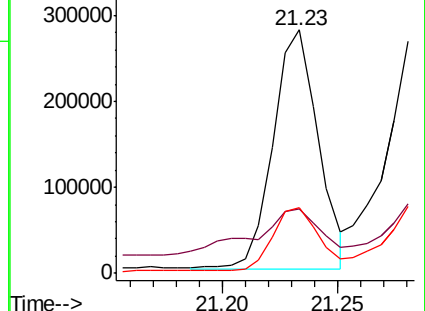
226 27.1 20.9 31.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.195 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.02 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

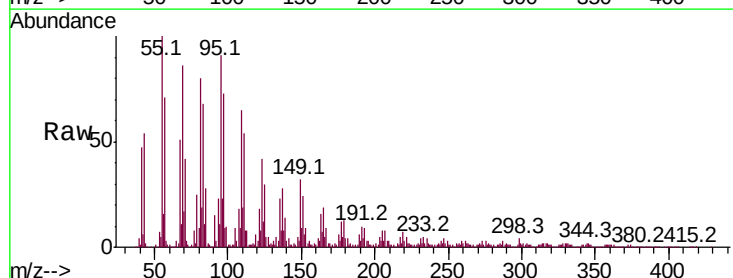
Tgt Ion:149 Resp: 122246

Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

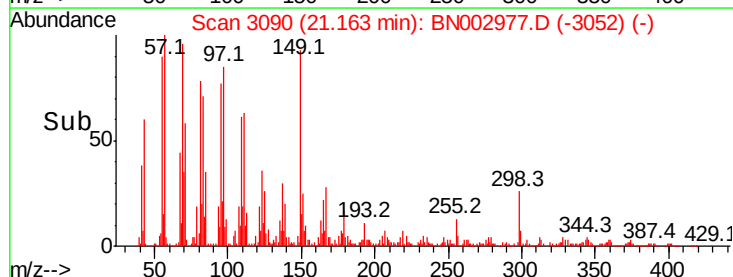
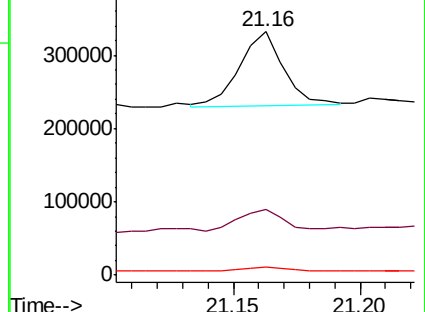
279 3.1 3.3 4.9#

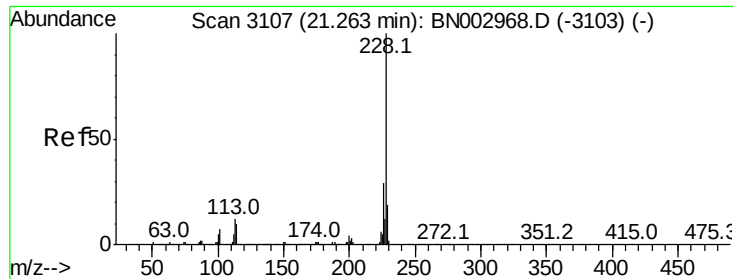


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 15.298 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.02 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

Instrument :

BNA_N

ClientSampleId :

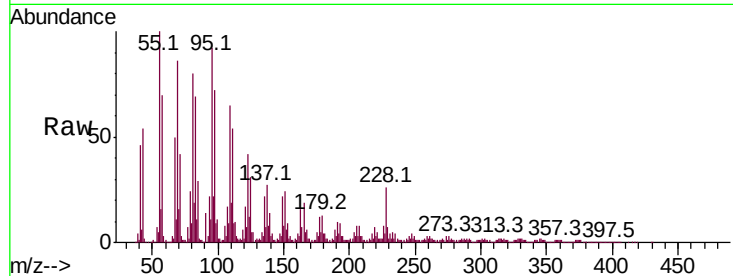
Tot Ion:228 Resp: 440715

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

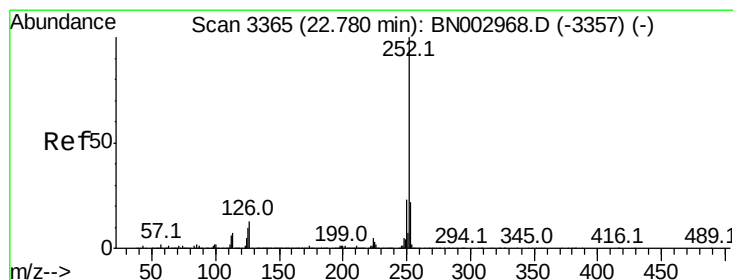
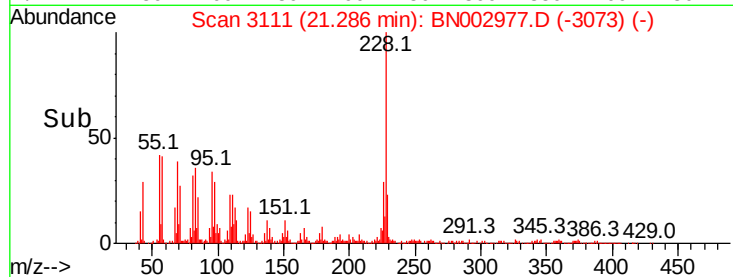
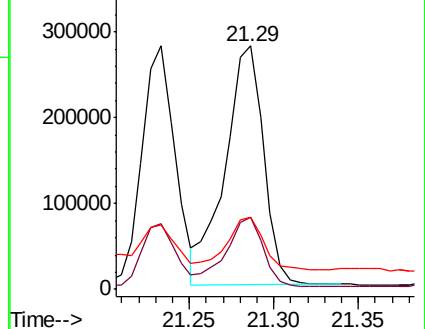
229 29.4 15.7 23.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 21.342 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.06 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

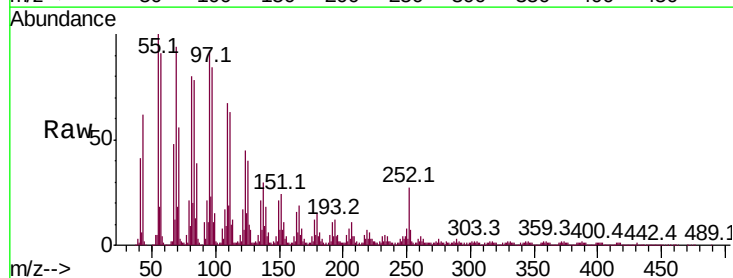
Tgt Ion:252 Resp: 859554

Ion Ratio Lower Upper

252 100

253 25.0 17.0 25.4

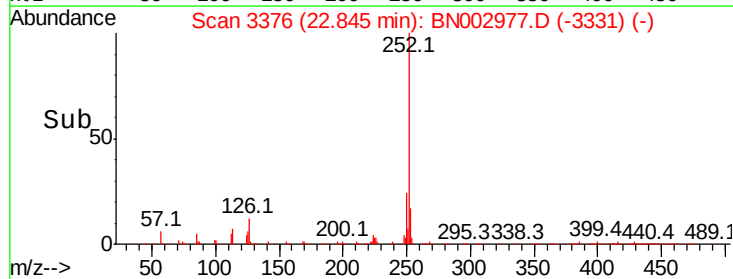
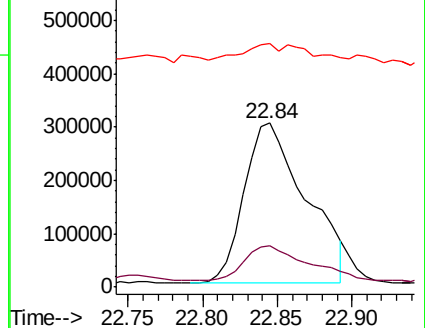
125 148.5 8.0 12.0#

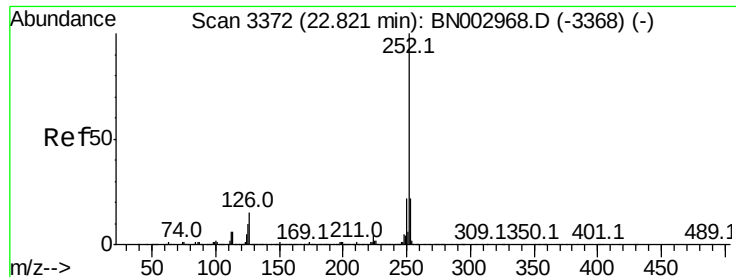


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

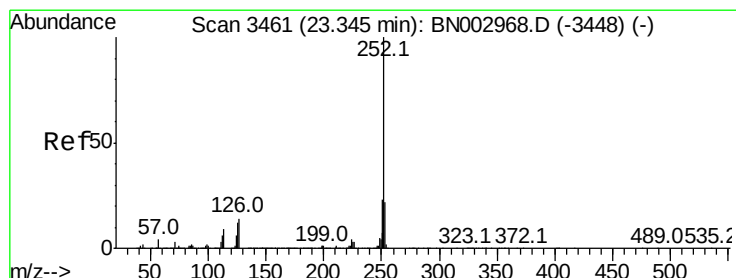
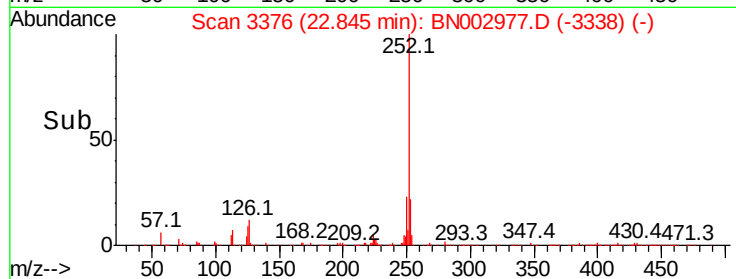
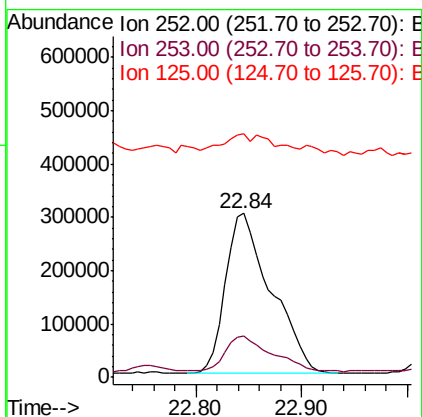
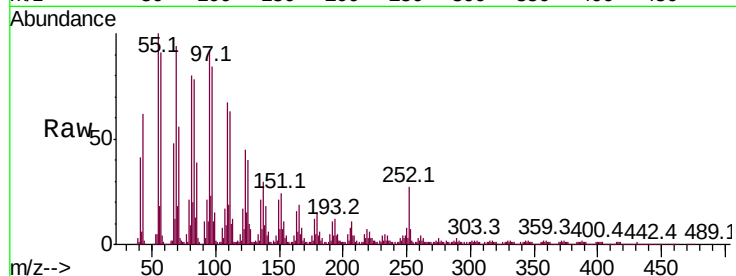




#88
Benzo(k)fluoranthene
Concen: 23.798 ng/ul
RT: 22.84 min Scan# 3376
Delta R.T. 0.02 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

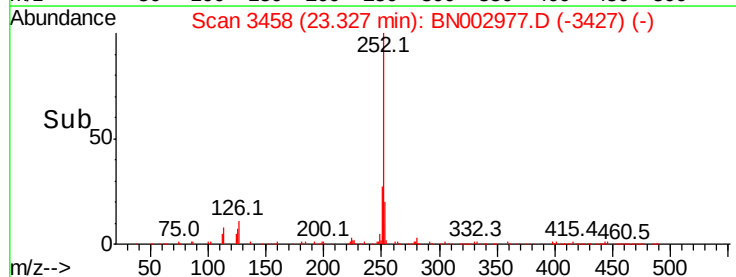
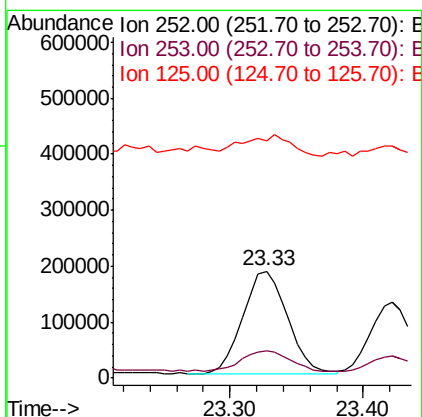
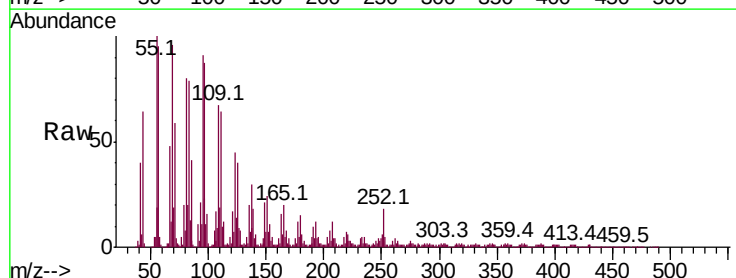
Instrument :
BNA_N
ClientSampleId :

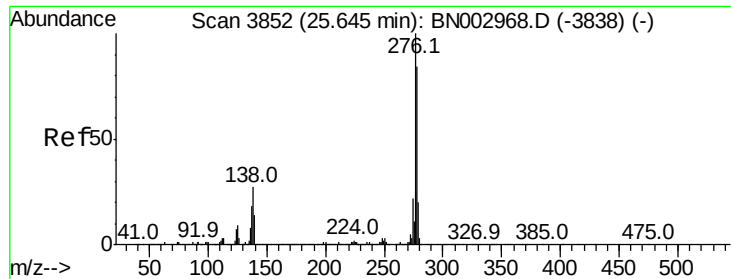
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.8
125	148.5	8.3	12.5#



#90
Benzo(a)pyrene
Concen: 11.157 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. -0.02 min
Lab File: BN002977.D
Acq: 05 Oct 2018 23:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	222.1	8.8	13.2#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.195 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.08 min

Lab File: BN002977.D

Acq: 05 Oct 2018 23:41

Instrument :

BNA_N

ClientSampleId :

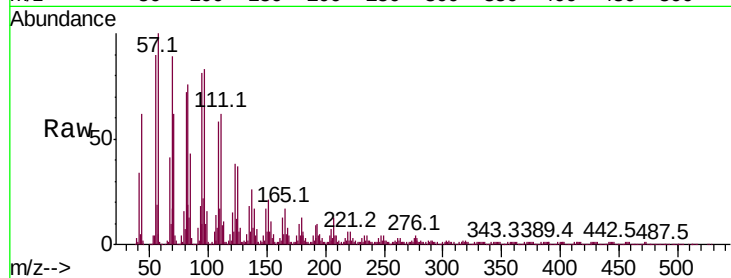
Tot Ion:276 Resp: 53860

Ion Ratio Lower Upper

276 100

138 219.2 20.2 30.4#

277 81.6 20.0 30.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

