

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070518\
 Data File : BN001977.D
 Acq On : 05 Jul 2018 20:52
 Operator : JU/SJ
 Sample : J3721-18DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H03DL

Quant Time: Jul 06 01:18:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 04 00:59:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	572890	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2646800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1542562	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3390781	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2865562	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2434426	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	6855	0.52	ng/uL	0.00
5) Phenol-d5	6.88	99	158272	3.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	99683	3.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	127075	3.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	120457	2.90	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	61343	3.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	64003	3.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	130136	3.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	72751	1.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	410879	3.15	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	512693	3.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	47913	2.00	ng/ul	0.00
57) Fluorene-d10	15.33	176	379196	3.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	37280	2.02	ng/ul	0.00
70) Anthracene-d10	17.18	188	556643	3.40	ng/ul	0.00
76) Pyrene-d10	19.48	212	582335	4.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	434165	3.28	ng/ul	0.00

Target Compounds

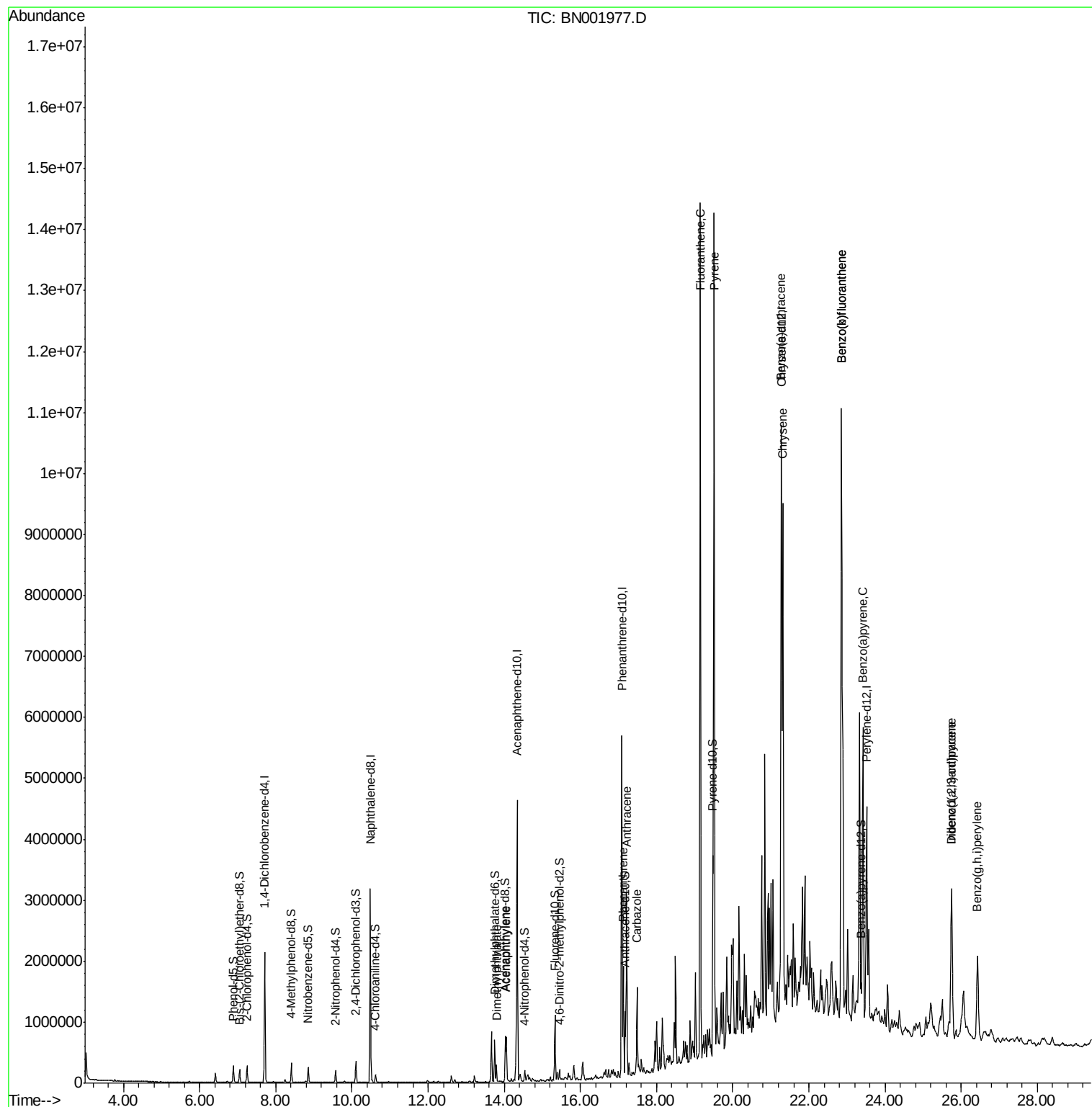
					Ovalue	
44) Dimethylphthalate	13.80	163	169784	1.326	ng/ul#	99
47) Acenaphthylene	14.06	152	533864	3.439	ng/ul	99
69) Phenanthrene	17.13	178	1106965	5.795	ng/ul	100
71) Anthracene	17.22	178	1883248	9.740	ng/ul	98
72) Carbazole	17.49	167	870934	5.377	ng/ul	99
74) Fluoranthene	19.15	202	8557856	42.623	ng/ul#	89
77) Pyrene	19.52	202	8675763	48.380	ng/ul#	86
80) Benzo(a)anthracene	21.27	228	3602256	19.891	ng/ul	95
82) Chrysene	21.32	228	5416165	32.142	ng/ul	98
85) Benzo(b)fluoranthene	22.86	252	7809509	50.791	ng/ul#	93
86) Benzo(k)fluoranthene	22.86	252	7809509	52.378	ng/ul#	93
88) Benzo(a)pyrene	23.42	252	3379656	23.522	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	2277742	14.898	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.75	278	593647	4.665	ng/ul#	89
91) Benzo(g,h,i)perylene	26.43	276	1617481	12.825	ng/ul#	91

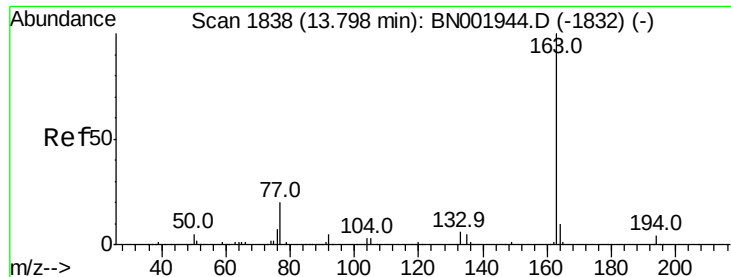
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.326 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Instrument :

BNA_N

ClientSampleId :

F1H03DL

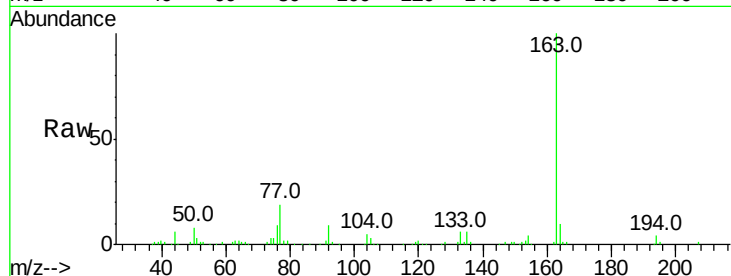
Tot Ion:163 Resp: 169784

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

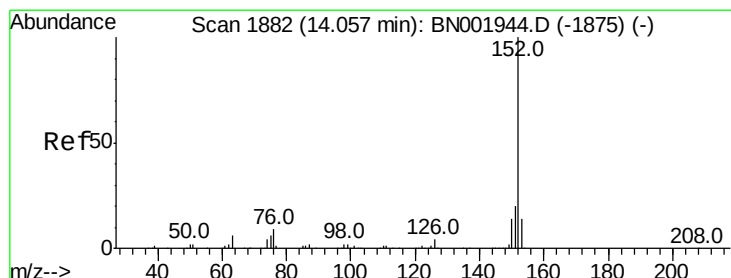
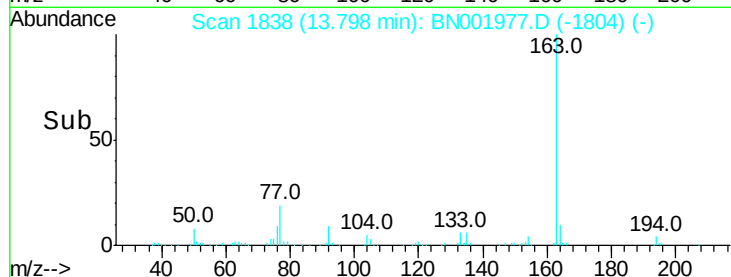
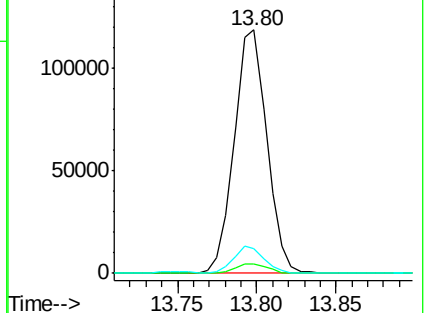
164 10.4 8.4 12.6



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: 3.439 ng/ul

RT: 14.06 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

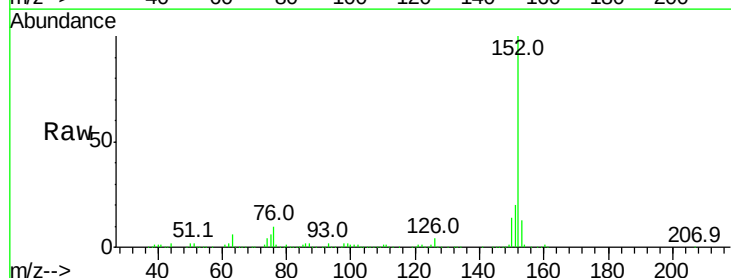
Tgt Ion:152 Resp: 533864

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

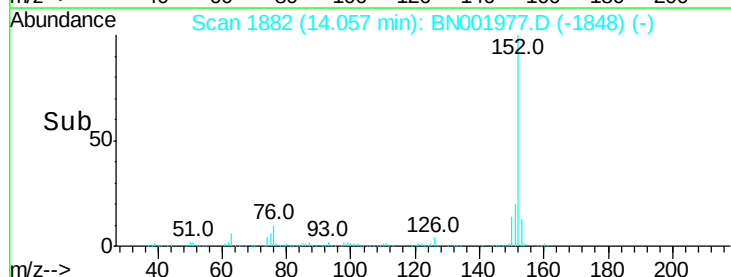
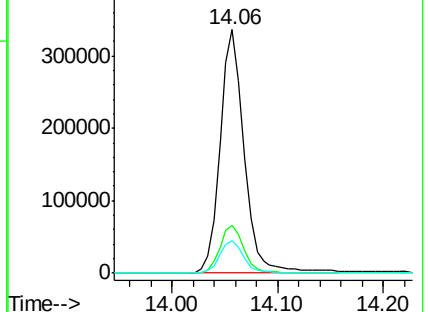
153 13.2 10.8 16.2

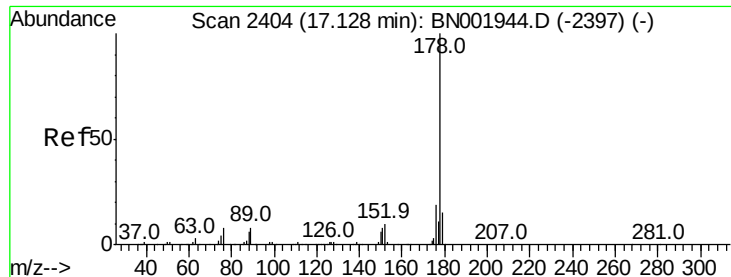


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 5.795 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Instrument :

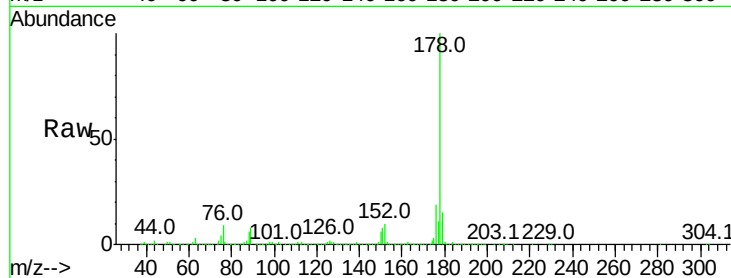
BNA_N

ClientSampleId :

F1H03DL

Tot Ion:178 Resp: 1106965

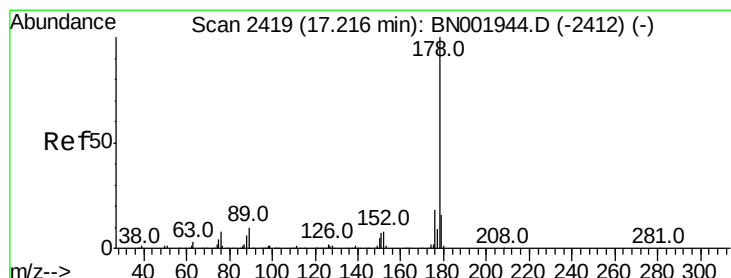
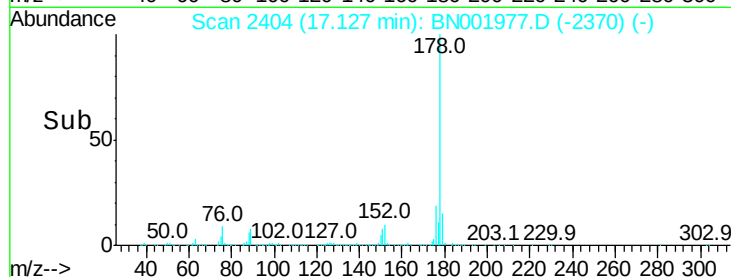
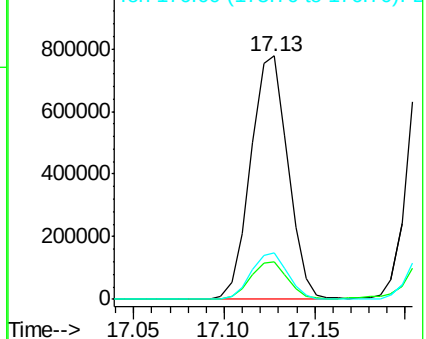
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.9	15.4	23.0



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



#71

Anthracene

Concen: 9.740 ng/ul

RT: 17.22 min Scan# 2419

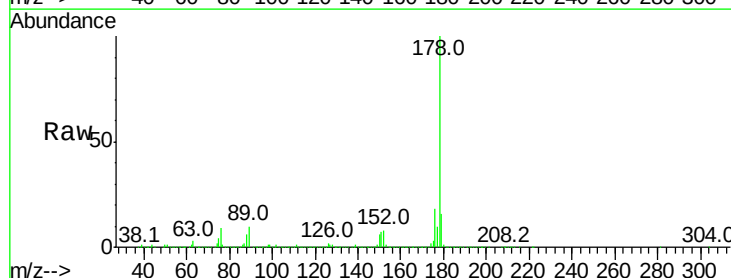
Delta R.T. -0.00 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Tgt Ion:178 Resp: 1883248

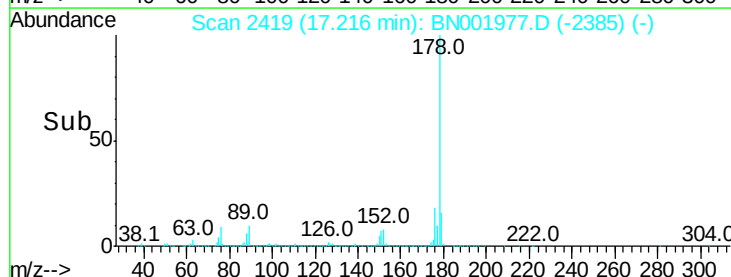
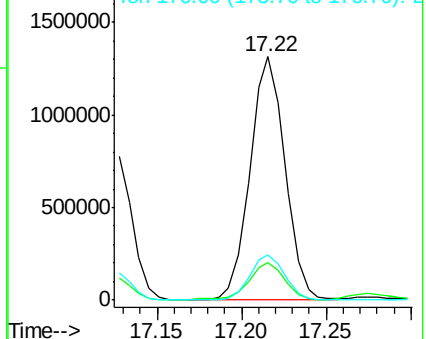
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.5	15.4	23.0

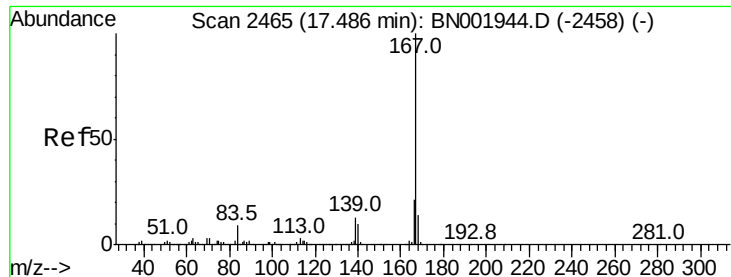


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 5.377 ng/ul

RT: 17.49 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Instrument :

BNA_N

ClientSampleId :

F1H03DL

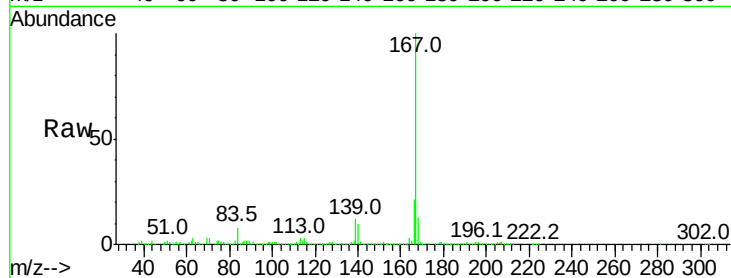
Tot Ion:167 Resp: 870934

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

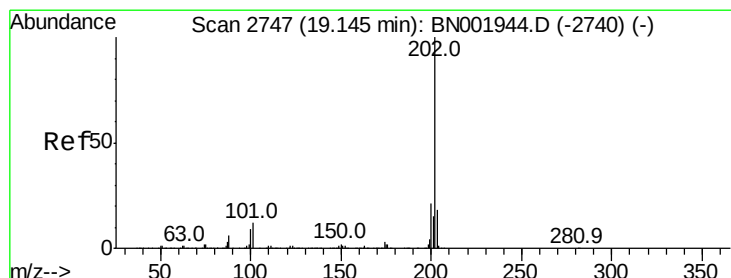
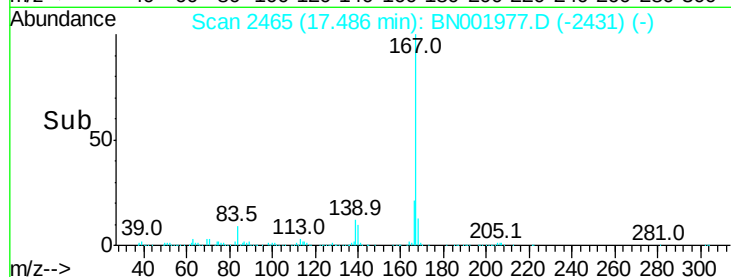
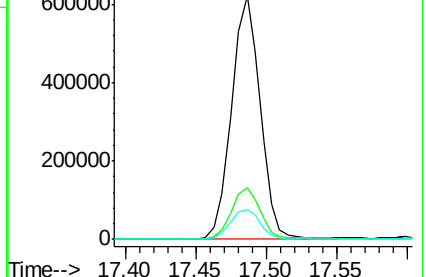
139 12.3 9.1 13.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 42.623 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

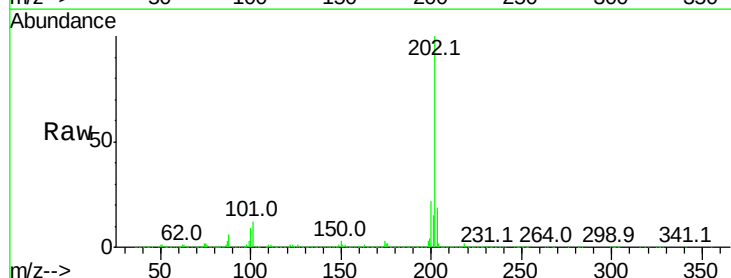
Tgt Ion:202 Resp: 8557856

Ion Ratio Lower Upper

202 100

101 12.0 6.1 9.1#

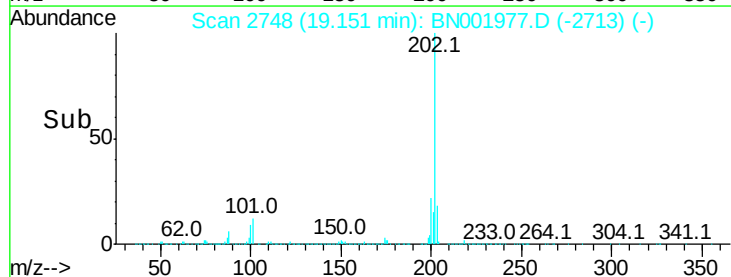
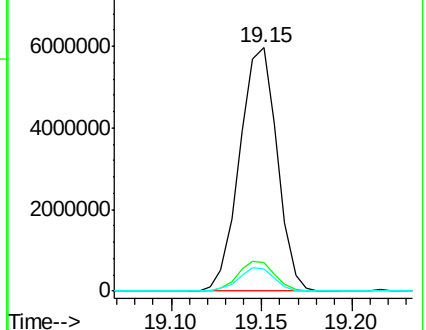
100 9.0 4.6 7.0#

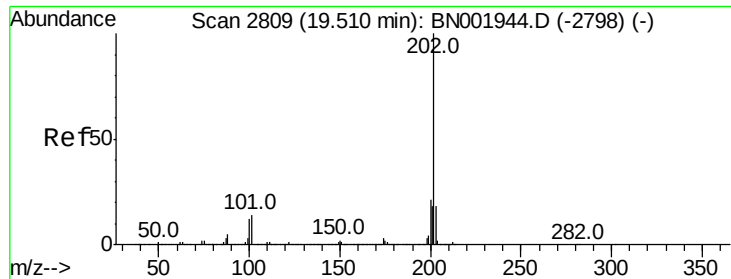


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 48.380 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Instrument :

BNA_N

ClientSampleId :

F1H03DL

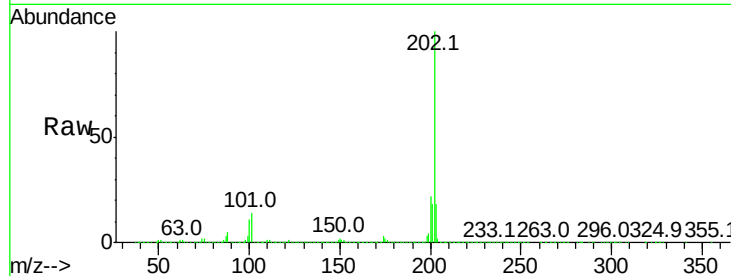
Tot Ion:202 Resp: 8675763

Ion Ratio Lower Upper

202 100

101 14.0 6.9 10.3#

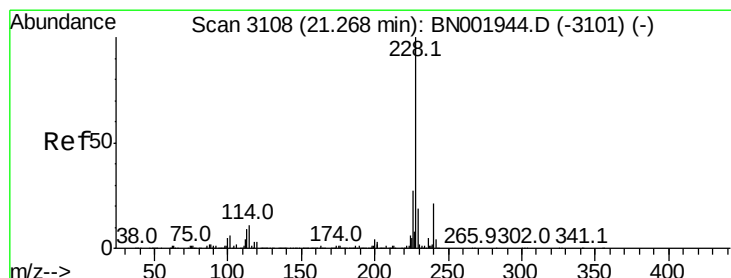
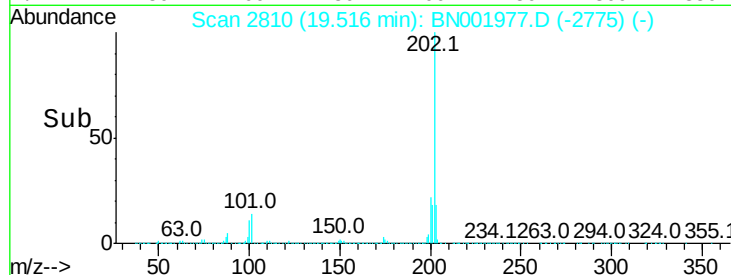
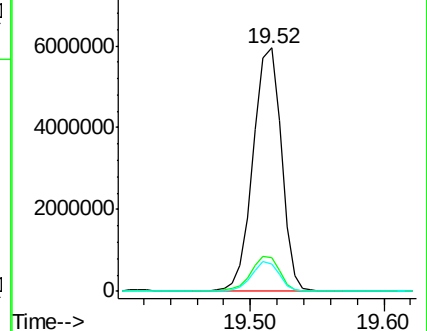
100 11.3 5.6 8.4#



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



#80

Benzo(a)anthracene

Concen: 19.891 ng/ul

RT: 21.27 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

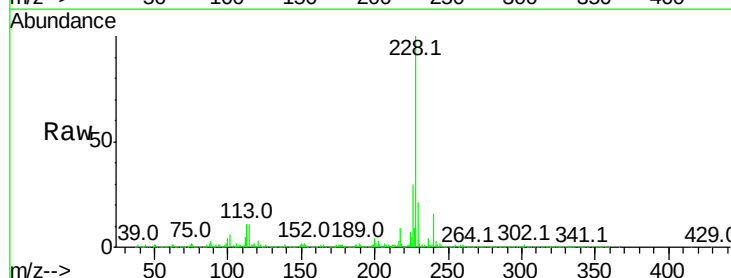
Tgt Ion:228 Resp: 3602256

Ion Ratio Lower Upper

228 100

229 21.4 16.0 24.0

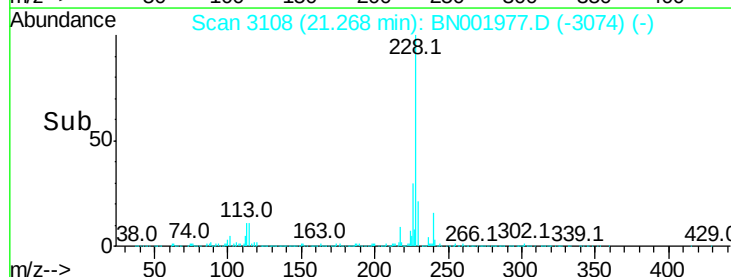
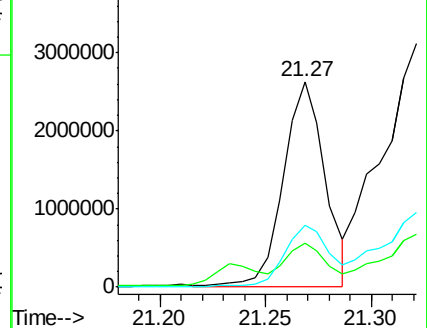
226 30.2 21.8 32.8

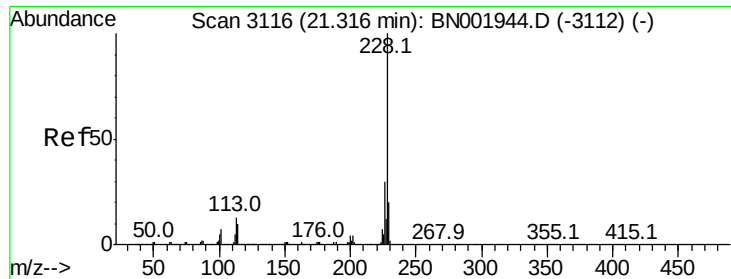


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 32.142 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. 0.01 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Instrument :

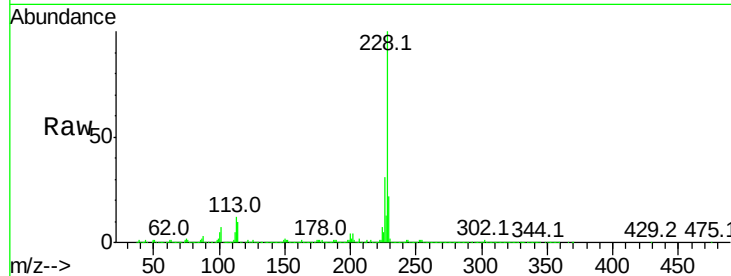
BNA_N

ClientSampleId :

F1H03DL

Tot Ion:228 Resp: 5416165

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	21.8	16.0	24.0

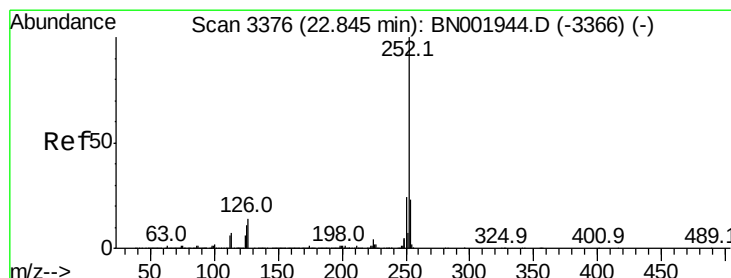
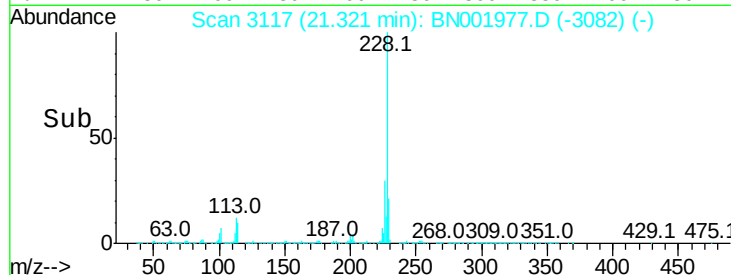
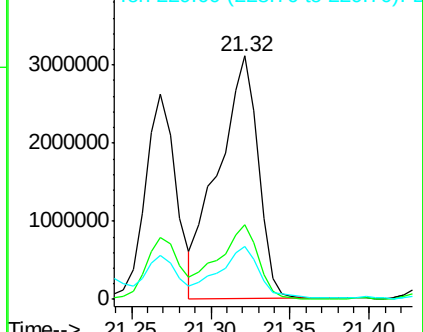


Abundance

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



#85

Benzo(b)fluoranthene

Concen: 50.791 ng/ul

RT: 22.86 min Scan# 3378

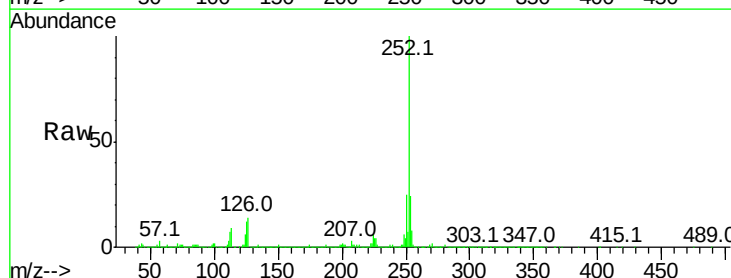
Delta R.T. 0.01 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Tgt Ion:252 Resp: 7809509

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	11.9	4.9	7.3

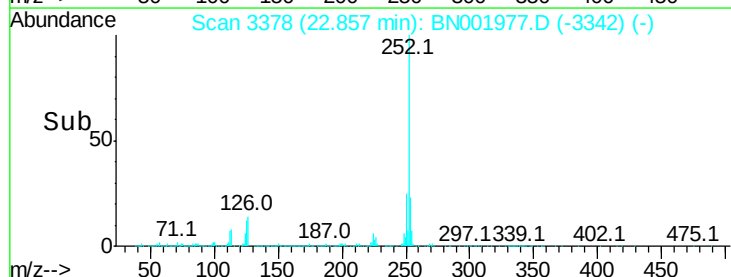
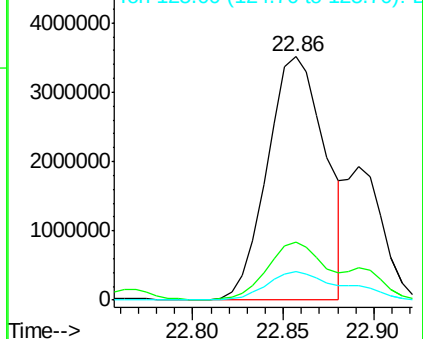


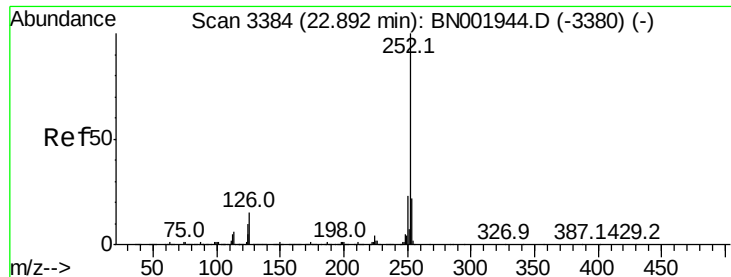
Abundance

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

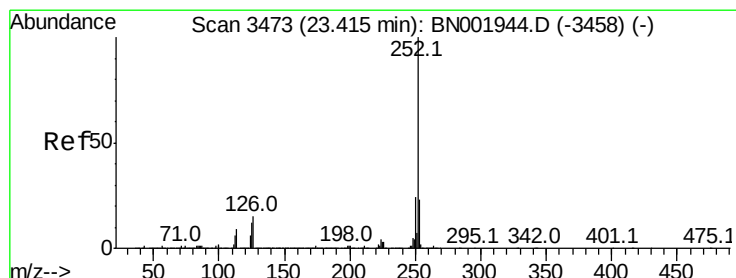
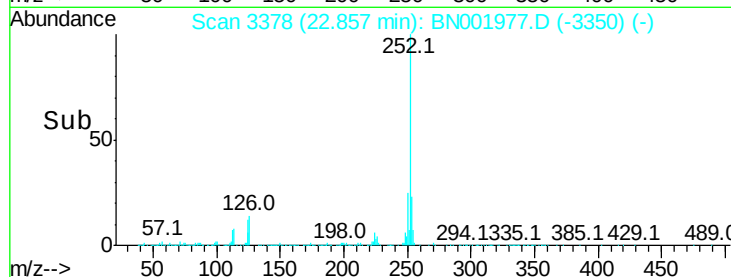
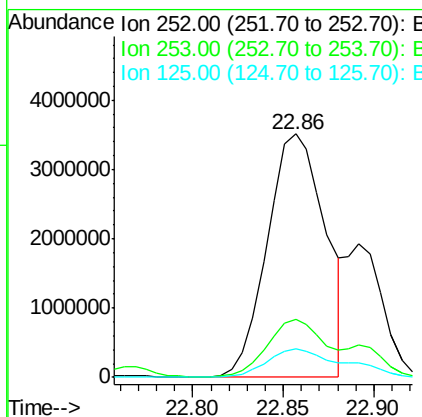
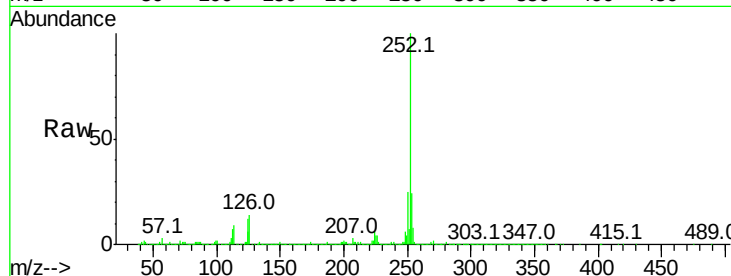




#86
Benzo(k)fluoranthene
Concen: 52.378 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.04 min
Lab File: BN001977.D
Acq: 05 Jul 2018 20:52

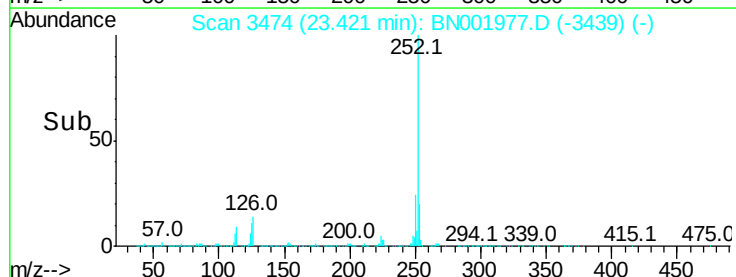
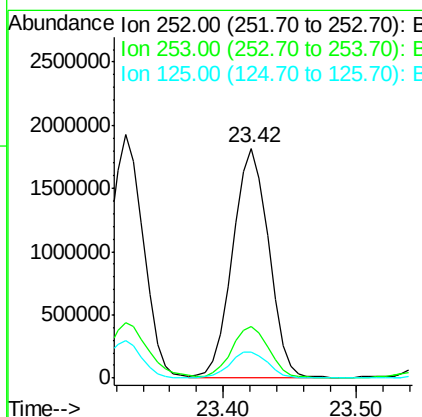
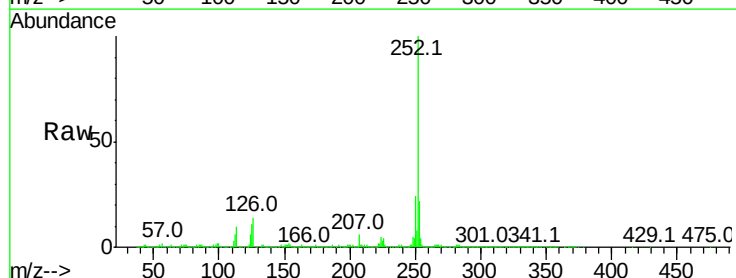
Instrument :
BNA_N
ClientSampleId :
F1H03DL

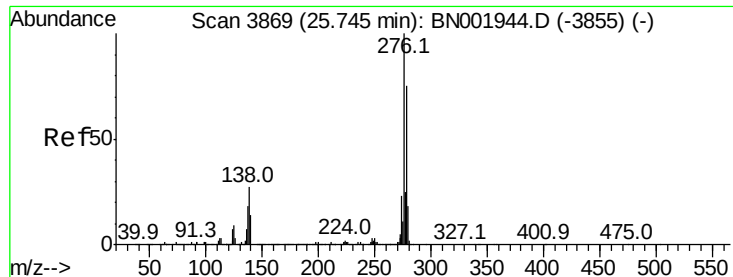
Tot Ion:252 Resp: 7809509
Ion Ratio Lower Upper
252 100
253 23.6 17.1 25.7
125 11.9 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 23.522 ng/ul
RT: 23.42 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BN001977.D
Acq: 05 Jul 2018 20:52

Tgt Ion:252 Resp: 3379656
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 11.4 5.8 8.6#



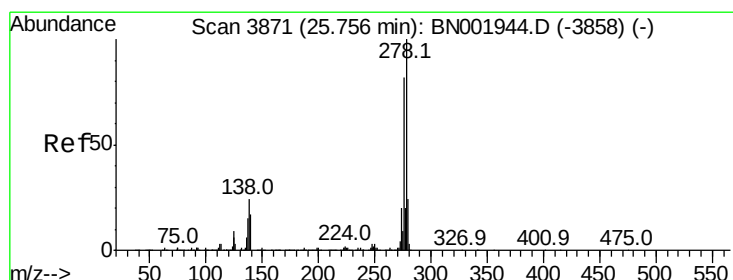
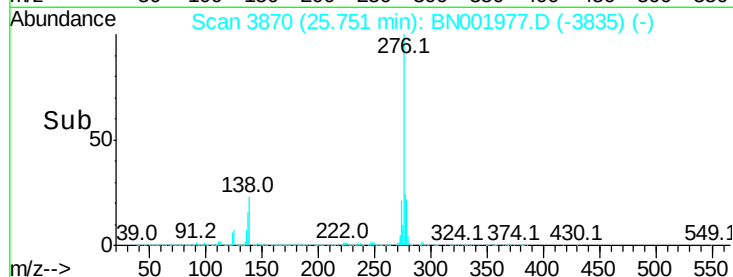
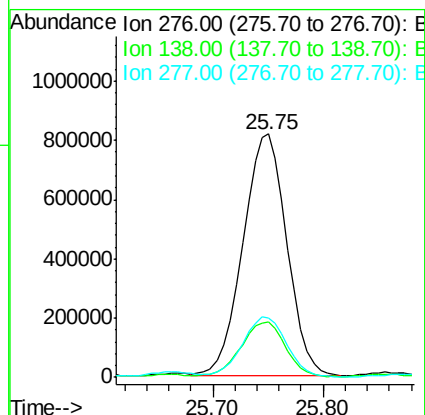
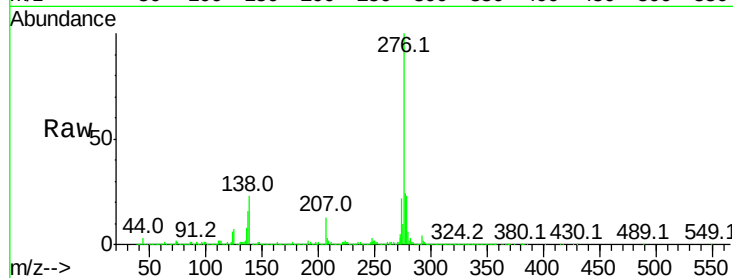


#89

Indeno(1,2,3-cd)pyrene
Concen: 14.898 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. 0.01 min
Lab File: BN001977.D
Acq: 05 Jul 2018 20:52

Instrument :
BNA_N
ClientSampled :
F1H03DL

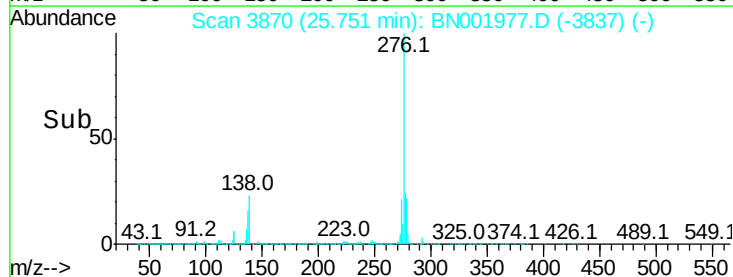
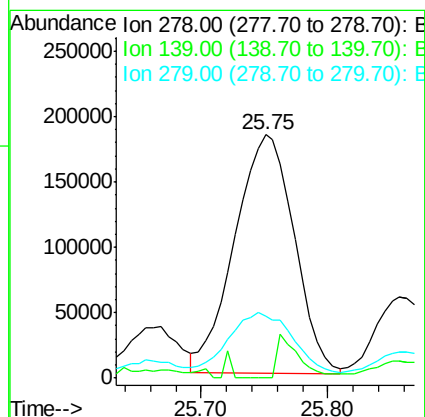
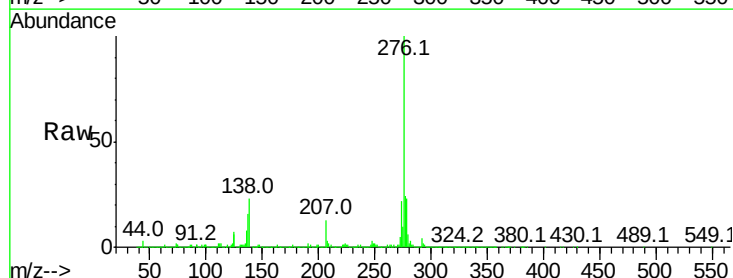
Tot Ion:276 Resp: 2277742
Ion Ratio Lower Upper
276 100
138 22.7 10.9 16.3#
277 24.2 18.9 28.3

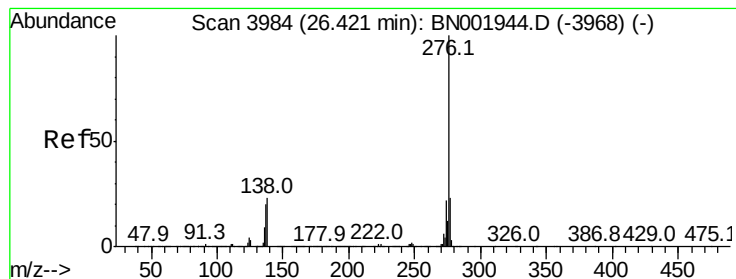


#90

Dibenzo(a,h)anthracene
Concen: 4.665 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BN001977.D
Acq: 05 Jul 2018 20:52

Tgt Ion:278 Resp: 593647
Ion Ratio Lower Upper
278 100
139 0.0 9.0 13.4#
279 25.1 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 12.825 ng/ul

RT: 26.43 min Scan# 3985

Delta R.T. 0.01 min

Lab File: BN001977.D

Acq: 05 Jul 2018 20:52

Instrument :

BNA_N

ClientSampleId :

F1H03DL

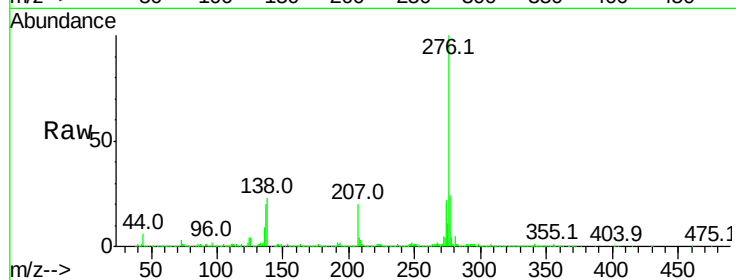
Tot Ion:276 Resp: 1617481

Ion Ratio Lower Upper

276 100

138 23.2 11.2 16.8#

277 23.6 19.0 28.6



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

