

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070318\
 Data File : BN001951.D
 Acq On : 03 Jul 2018 19:39
 Operator : JU/SJ
 Sample : J3721-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:03:58 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	660692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3090350	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1817571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3988922	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3542091	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2935360	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	59949	3.94	ng/uL	0.00
5) Phenol-d5	6.88	99	1355673	22.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	871303	23.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1099879	23.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	1042799	21.77	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	573182	24.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	636660	26.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1141823	22.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1277921	24.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	3491130	22.75	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4385395	23.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	560360	19.82	ng/ul	0.00
57) Fluorene-d10	15.33	176	3032571	22.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	496440	22.85	ng/ul	0.00
70) Anthracene-d10	17.18	188	4532030	23.52	ng/ul	0.00
76) Pyrene-d10	19.48	212	4780547	26.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3851126	24.13	ng/ul	0.00

Target Compounds

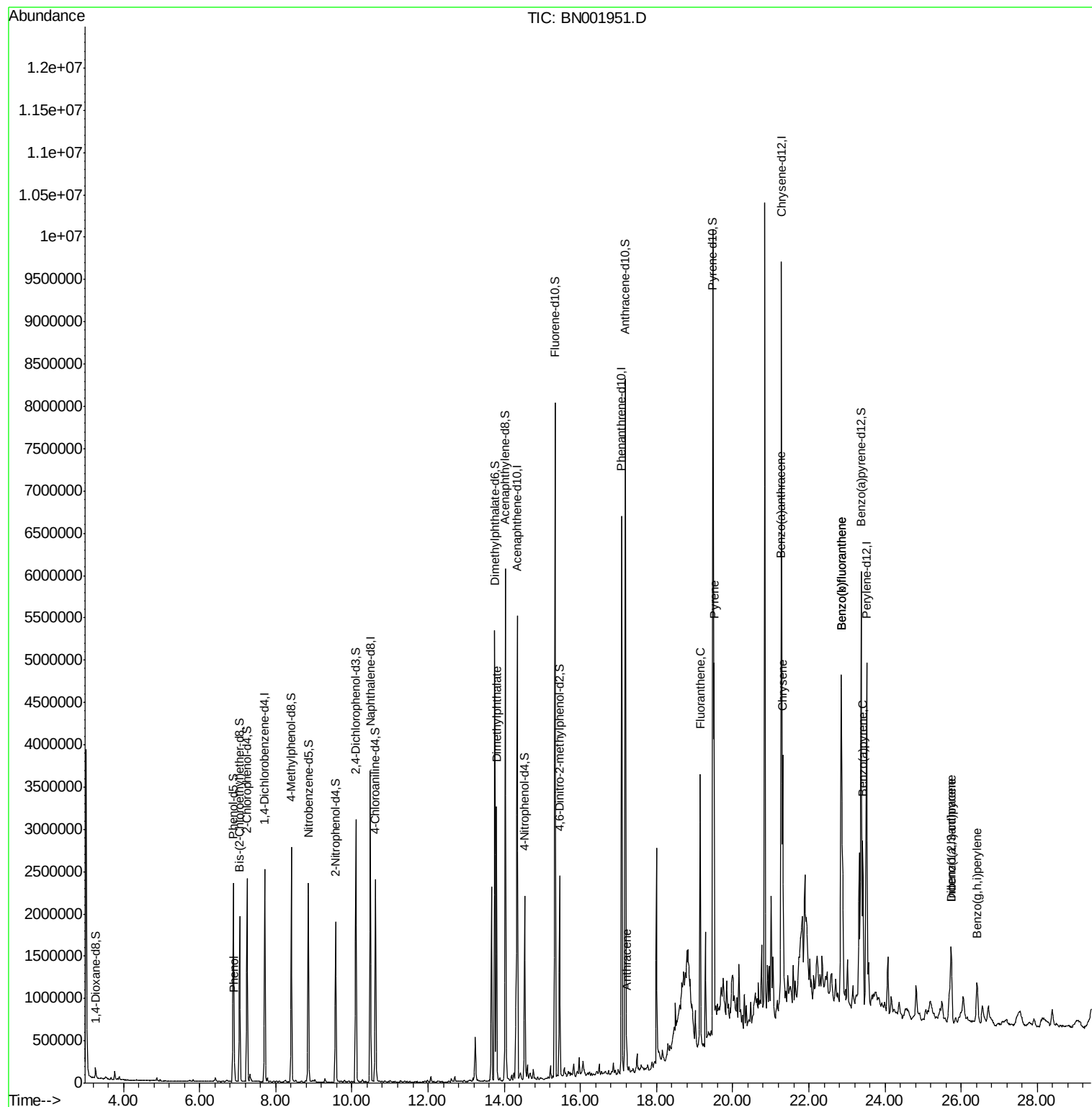
					Ovalue
6) Phenol	6.91	94	126602	2.100	ng/ul 98
44) Dimethylphthalate	13.80	163	2078287	13.777	ng/ul 98
71) Anthracene	17.22	178	241890	1.063	ng/ul 98
74) Fluoranthene	19.15	202	1817894	7.697	ng/ul# 89
77) Pyrene	19.51	202	2416184	10.900	ng/ul# 87
80) Benzo(a)anthracene	21.26	228	1043626	4.662	ng/ul 97
82) Chrysene	21.32	228	1828179	8.777	ng/ul 98
85) Benzo(b)fluoranthene	22.85	252	3065297	16.534	ng/ul# 96
86) Benzo(k)fluoranthene	22.85	252	3065297	17.050	ng/ul# 95
88) Benzo(a)pyrene	23.42	252	1244077	7.181	ng/ul# 94
89) Indeno(1,2,3-cd)pyrene	25.74	276	843807	4.577	ng/ul# 92
90) Dibenzo(a,h)anthracene	25.74	278	214089	1.395	ng/ul# 87
91) Benzo(g,h,i)perylene	26.42	276	585152	3.848	ng/ul# 92

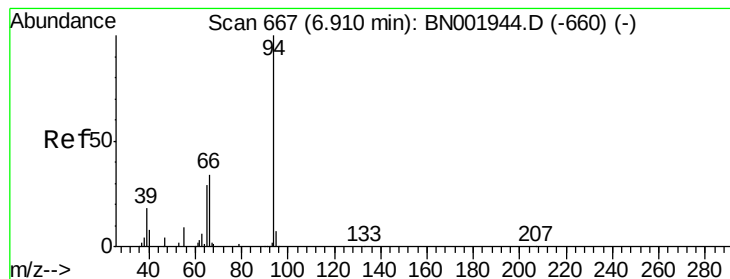
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.100 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. 0.00 min

Lab File: BN001951.D

Acq: 03 Jul 2018 19:39

Instrument :

BNA_N

ClientSampleId :

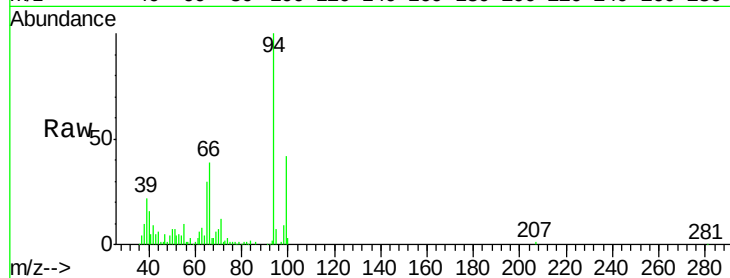
Tot Ion: 94 Resp: 126602

Ion Ratio Lower Upper

94 100

65 29.9 23.0 34.6

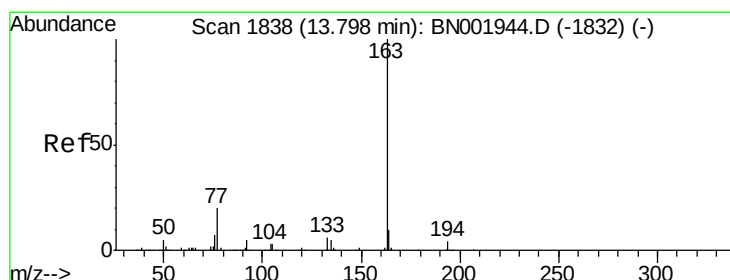
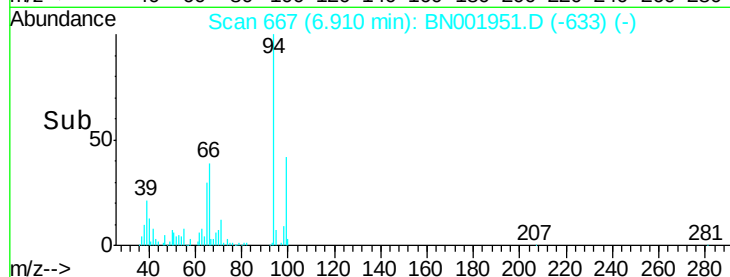
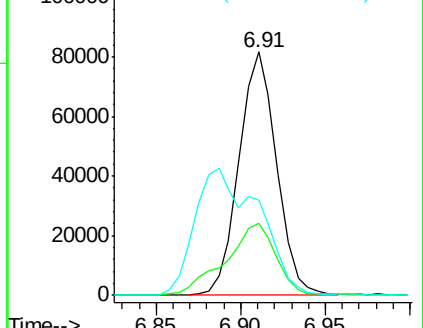
66 39.3 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN001944.D (-660) (-)

Ion 65.00 (64.70 to 65.70): BN001944.D (-660) (-)

Ion 66.00 (65.70 to 66.70): BN001944.D (-660) (-)



#44

Dimethylphthalate

Concen: 13.777 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN001951.D

Acq: 03 Jul 2018 19:39

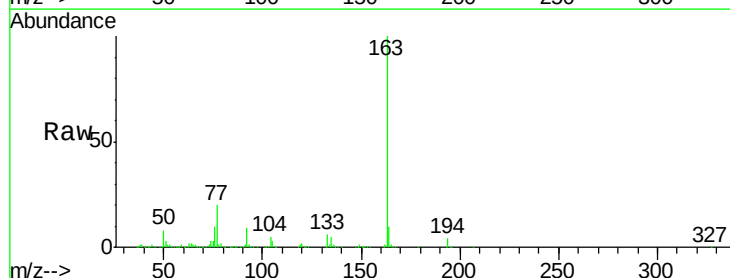
Tgt Ion:163 Resp: 2078287

Ion Ratio Lower Upper

163 100

194 4.1 4.0 6.0

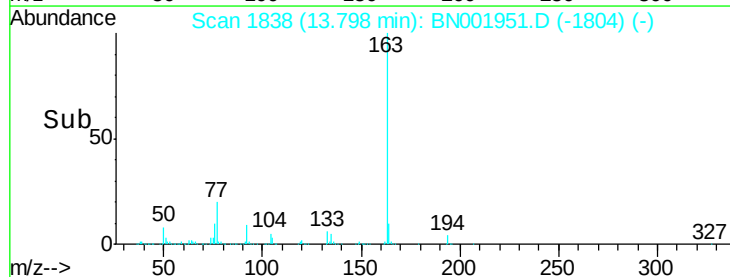
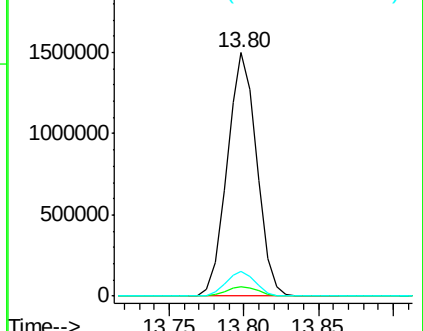
164 10.0 8.4 12.6

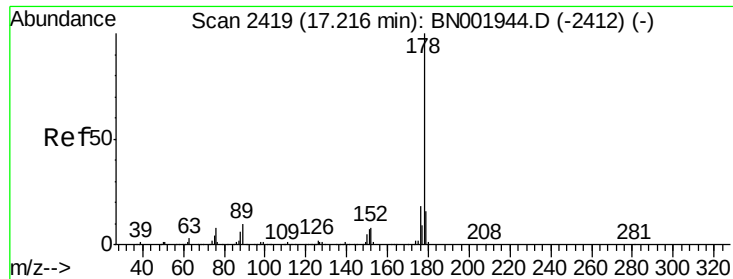


Abundance Ion 163.00 (162.70 to 163.70): BN001944.D (-1832) (-)

Ion 194.00 (193.70 to 194.70): BN001944.D (-1832) (-)

Ion 164.00 (163.70 to 164.70): BN001944.D (-1832) (-)

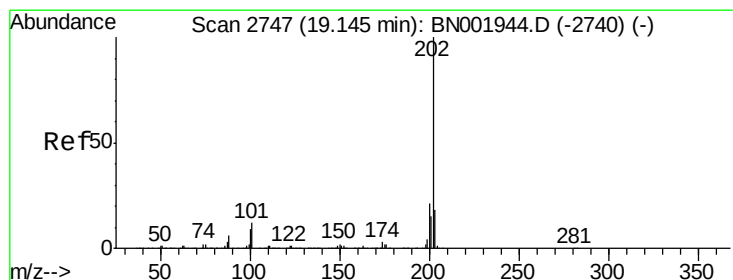
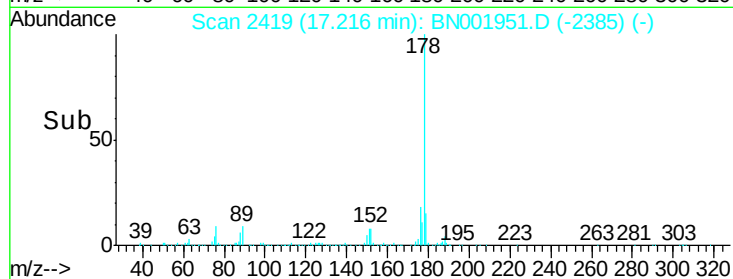
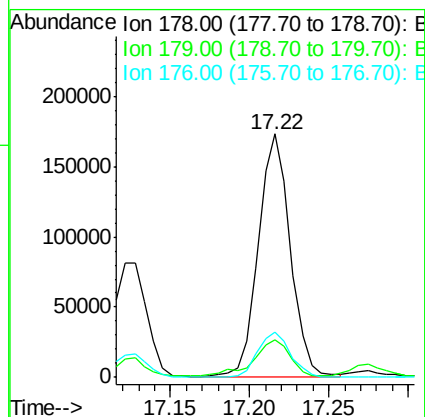
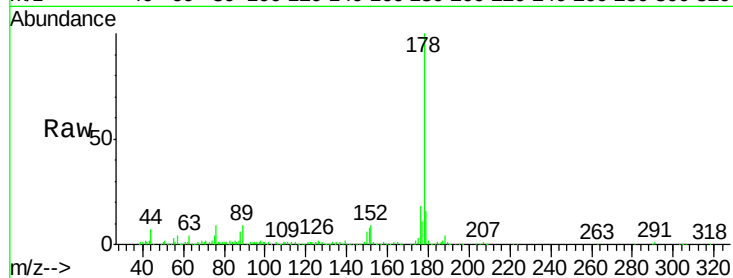




#71
 Anthracene
 Concen: 1.063 ng/ul
 RT: 17.22 min Scan# 2419
 Delta R.T. 0.00 min
 Lab File: BN001951.D
 Acq: 03 Jul 2018 19:39

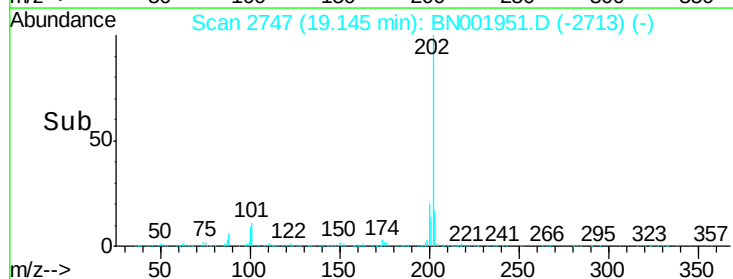
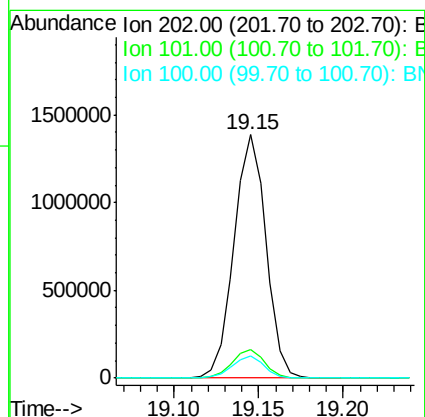
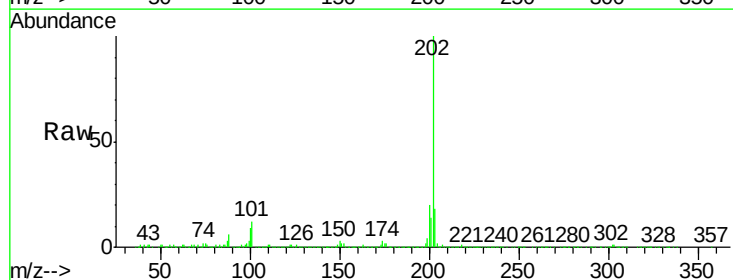
Instrument :
 BNA_N
 ClientSampleId :

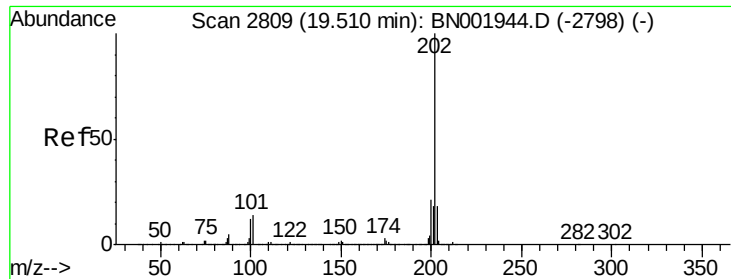
Tot Ion:178 Resp: 241890
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.4 20.2
 176 18.4 15.4 23.0



#74
 Fluoranthene
 Concen: 7.697 ng/ul
 RT: 19.15 min Scan# 2747
 Delta R.T. 0.00 min
 Lab File: BN001951.D
 Acq: 03 Jul 2018 19:39

Tgt Ion:202 Resp: 1817894
 Ion Ratio Lower Upper
 202 100
 101 11.7 6.1 9.1#
 100 9.0 4.6 7.0#

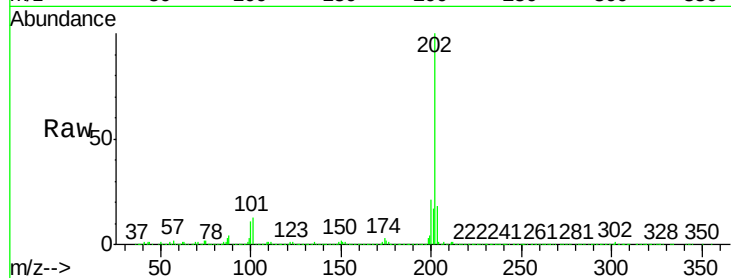




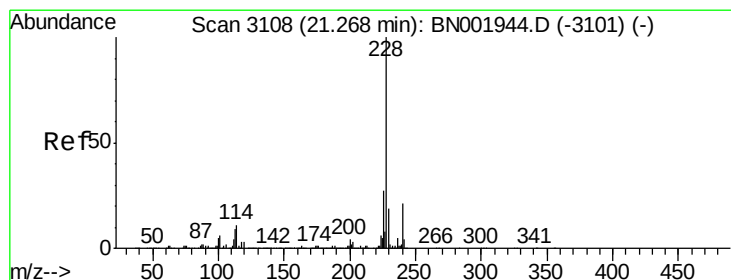
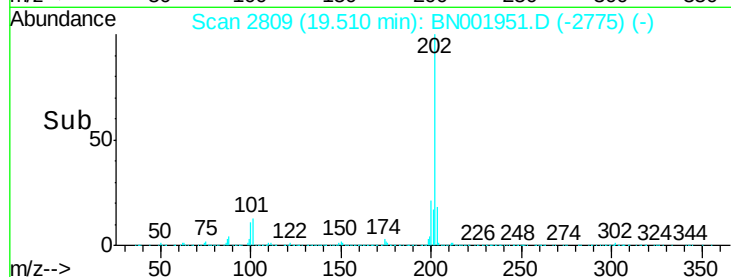
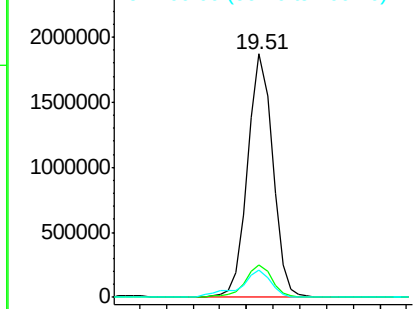
#77
Pvrene
Concen: 10.900 ng/ul
RT: 19.51 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BN001951.D
Acq: 03 Jul 2018 19:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 2416184
Ion Ratio Lower Upper
202 100
101 13.3 6.9 10.3#
100 11.1 5.6 8.4#

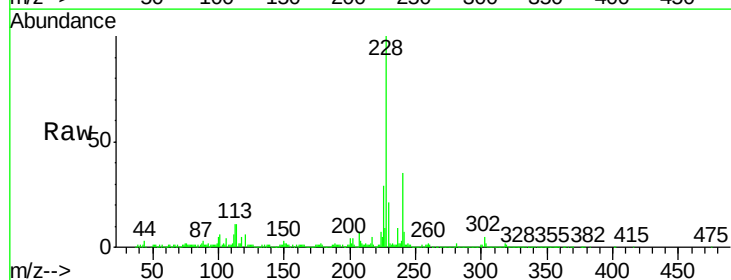


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

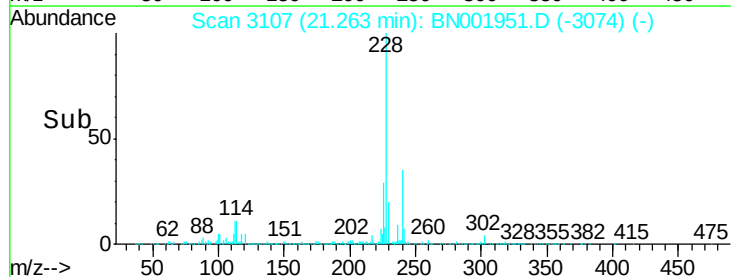
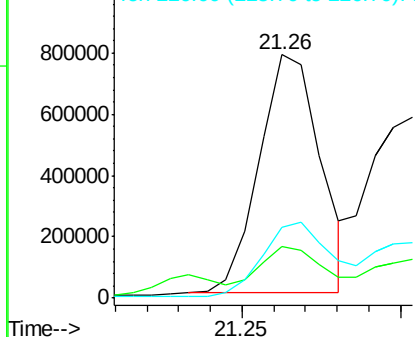


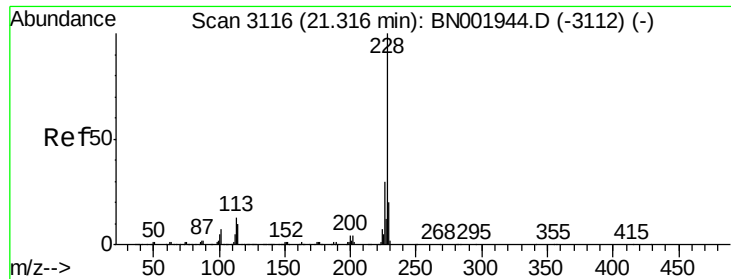
#80
Benzo(a)anthracene
Concen: 4.662 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BN001951.D
Acq: 03 Jul 2018 19:39

Tgt Ion:228 Resp: 1043626
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 29.2 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: 8.777 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. 0.00 min

Lab File: BN001951.D

Acq: 03 Jul 2018 19:39

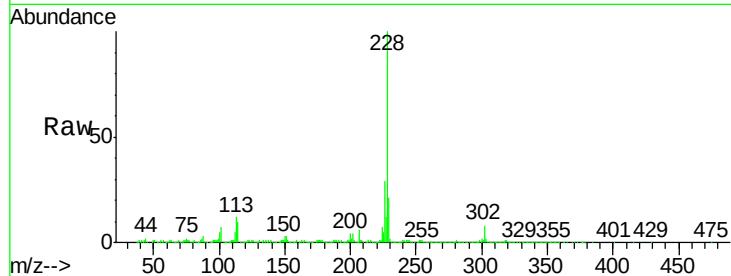
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 1828179

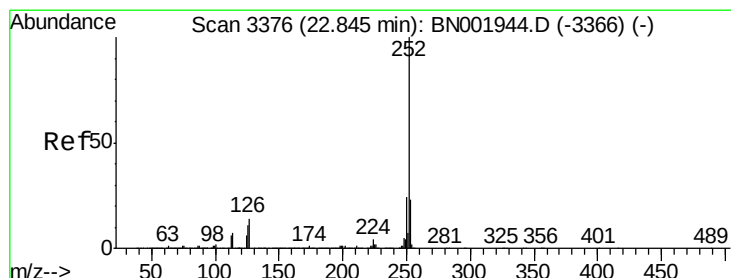
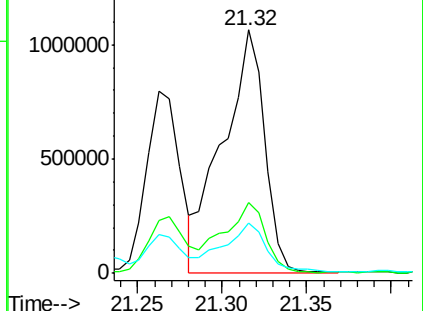
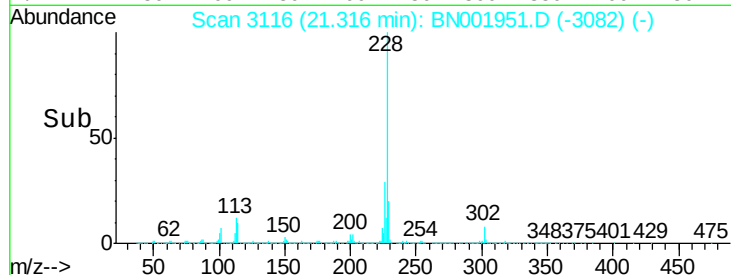
Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.1	36.1
229	20.9	16.0	24.0



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: 16.534 ng/ul

RT: 22.85 min Scan# 3377

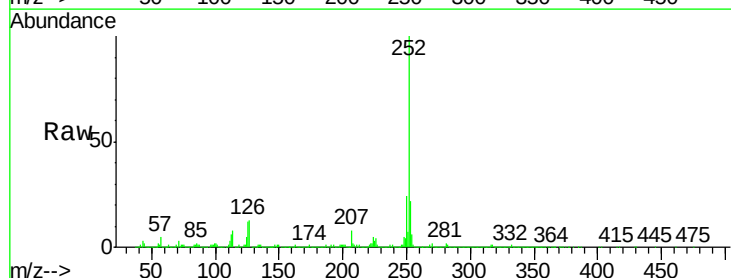
Delta R.T. 0.01 min

Lab File: BN001951.D

Acq: 03 Jul 2018 19:39

Tgt Ion:252 Resp: 3065297

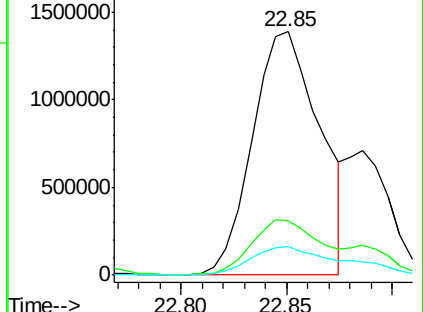
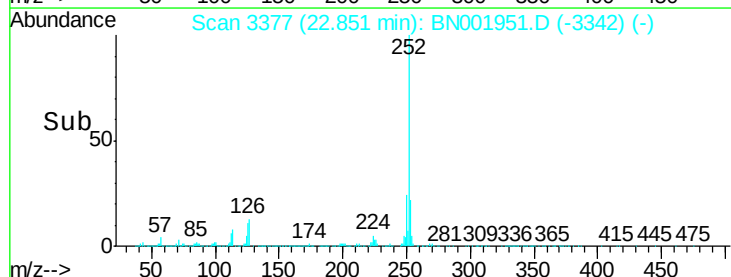
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.6	4.9	7.3

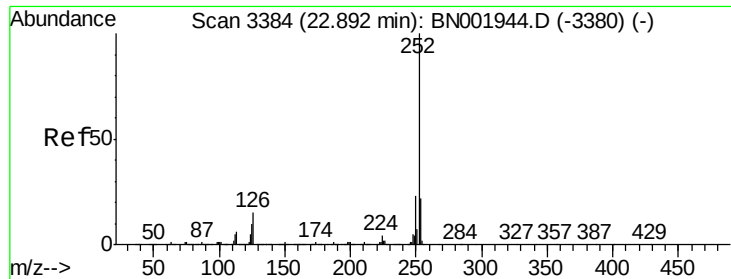


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

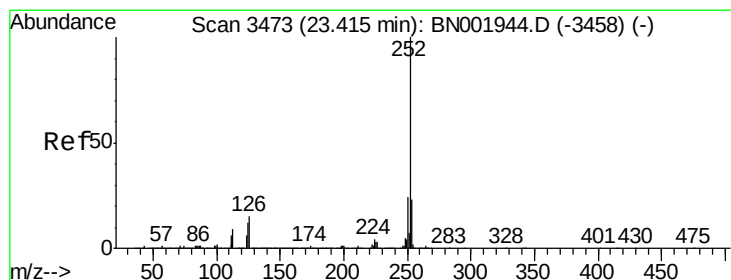
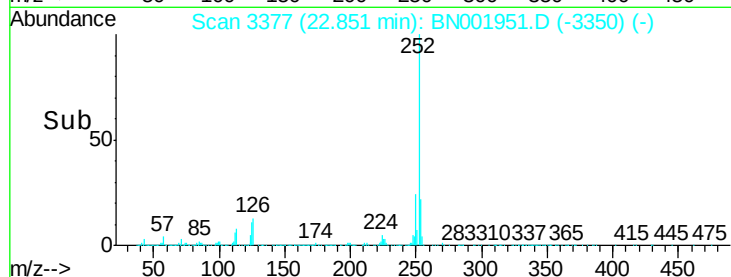
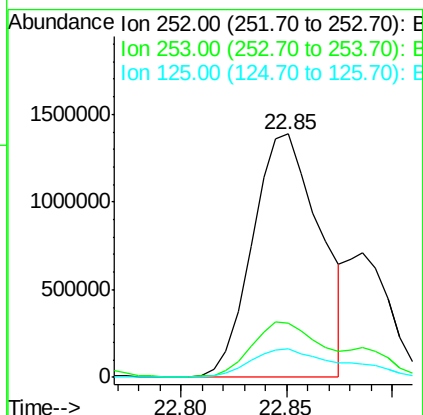
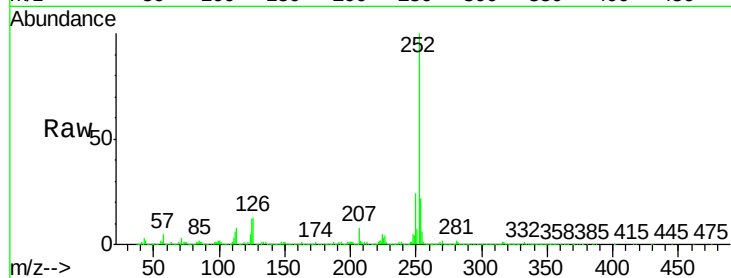




#86
Benzo(k)fluoranthene
Concen: 17.050 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. -0.04 min
Lab File: BN001951.D
Acq: 03 Jul 2018 19:39

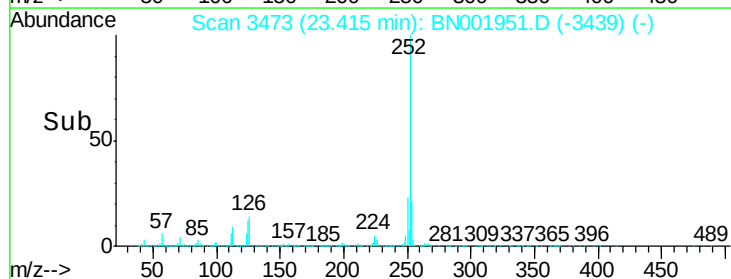
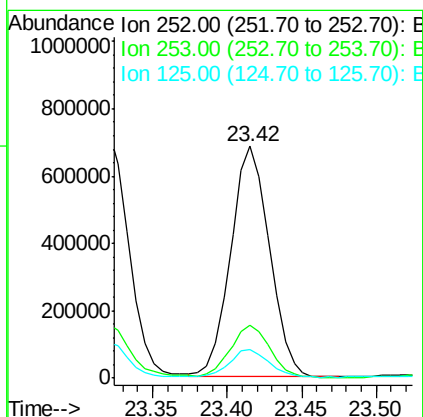
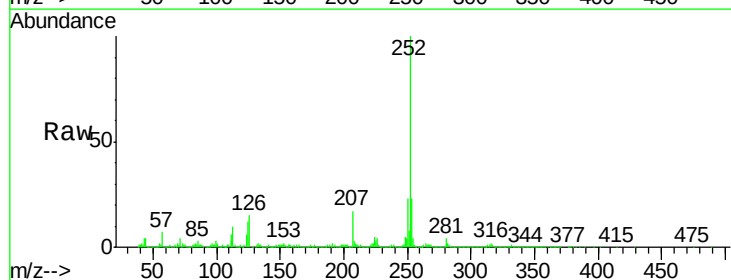
Instrument :
BNA_N
ClientSampleId :

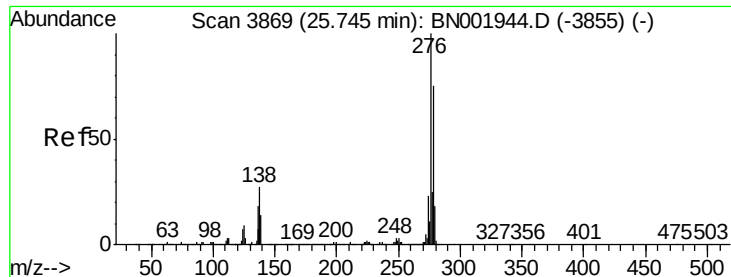
Tot Ion:252 Resp: 3065297
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 11.6 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 7.181 ng/ul
RT: 23.42 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BN001951.D
Acq: 03 Jul 2018 19:39

Tgt Ion:252 Resp: 1244077
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 12.3 5.8 8.6#



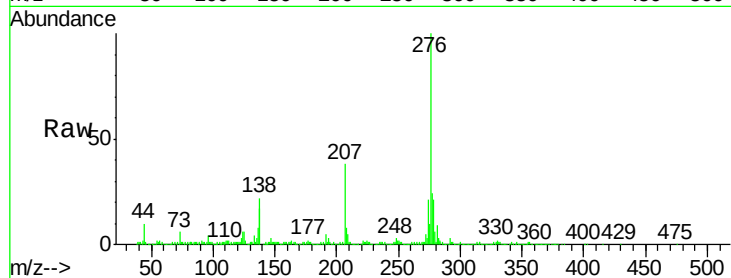


#89

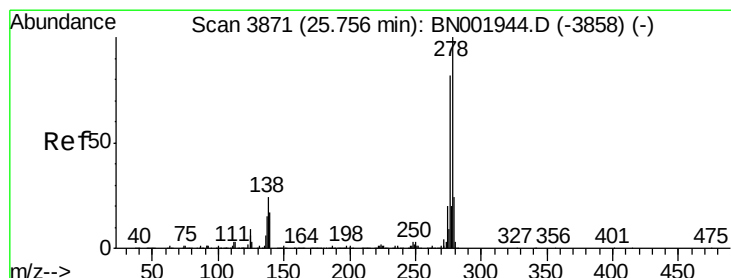
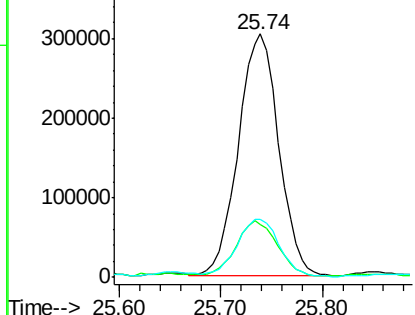
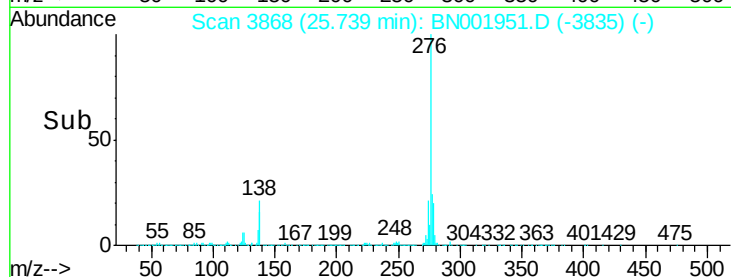
Indeno(1,2,3-cd)pyrene
Concen: 4.577 ng/ul
RT: 25.74 min Scan# 3868
Delta R.T. -0.01 min
Lab File: BN001951.D
Acq: 03 Jul 2018 19:39

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	10.9	16.3#
277	24.1	18.9	28.3



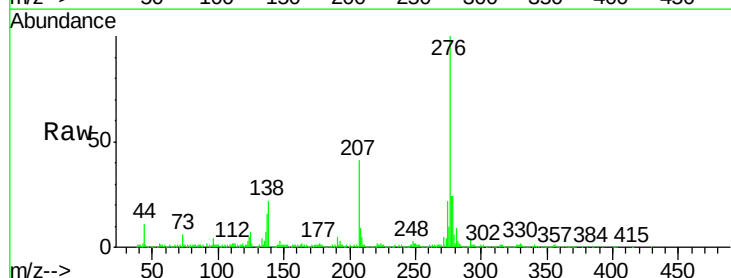
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



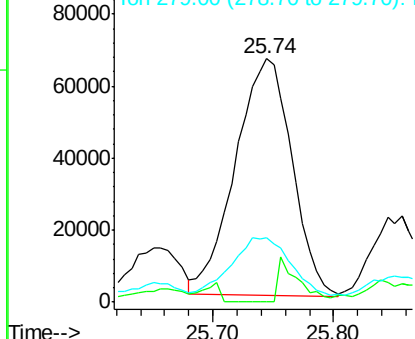
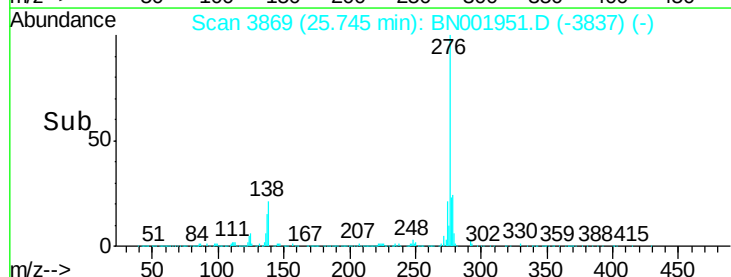
#90

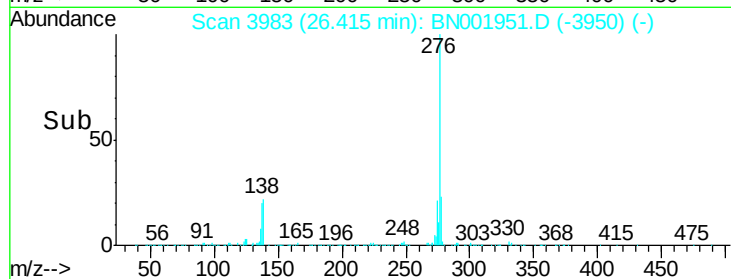
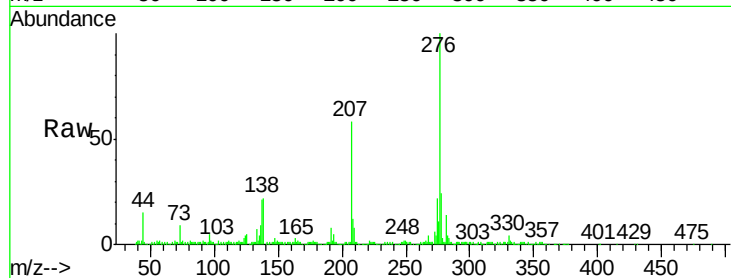
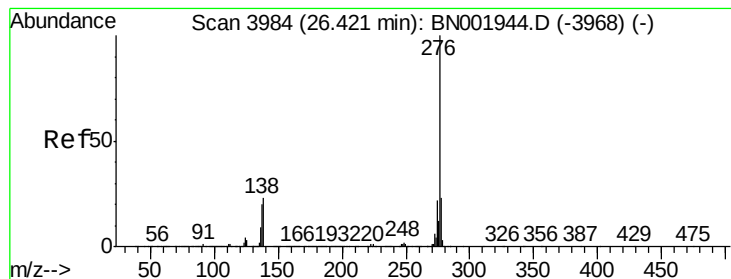
Dibenzo(a,h)anthracene
Concen: 1.395 ng/ul
RT: 25.74 min Scan# 3869
Delta R.T. -0.01 min
Lab File: BN001951.D
Acq: 03 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.0	13.4#
279	26.3	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.848 ng/ul

RT: 26.42 min Scan# 3983

Delta R.T. -0.01 min

Lab File: BN001951.D

Acq: 03 Jul 2018 19:39

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 585152

Ion Ratio Lower Upper

276 100

138 22.1 11.2 16.8#

277 23.9 19.0 28.6

