

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072318\
 Data File : BN002122.D
 Acq On : 24 Jul 2018 00:49
 Operator : JU/SJ
 Sample : J4038-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 24 02:26:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 24 02:24:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	271224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1222595	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	717811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1600200	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1449320	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1211397	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12006	2.00	ng/uL	0.00
5) Phenol-d5	6.88	99	336231	13.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	212181	13.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	277121	13.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	252371	12.27	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	144104	14.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	160430	14.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	284180	13.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	244350	10.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	889295	14.62	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1139009	15.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	112699	9.70	ng/ul	0.00
57) Fluorene-d10	15.33	176	792621	15.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	83775	8.04	ng/ul	0.00
70) Anthracene-d10	17.17	188	1194070	15.30	ng/ul	0.00
78) Pyrene-d10	19.48	212	1299971	17.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1008001	15.41	ng/ul	0.00

Target Compounds

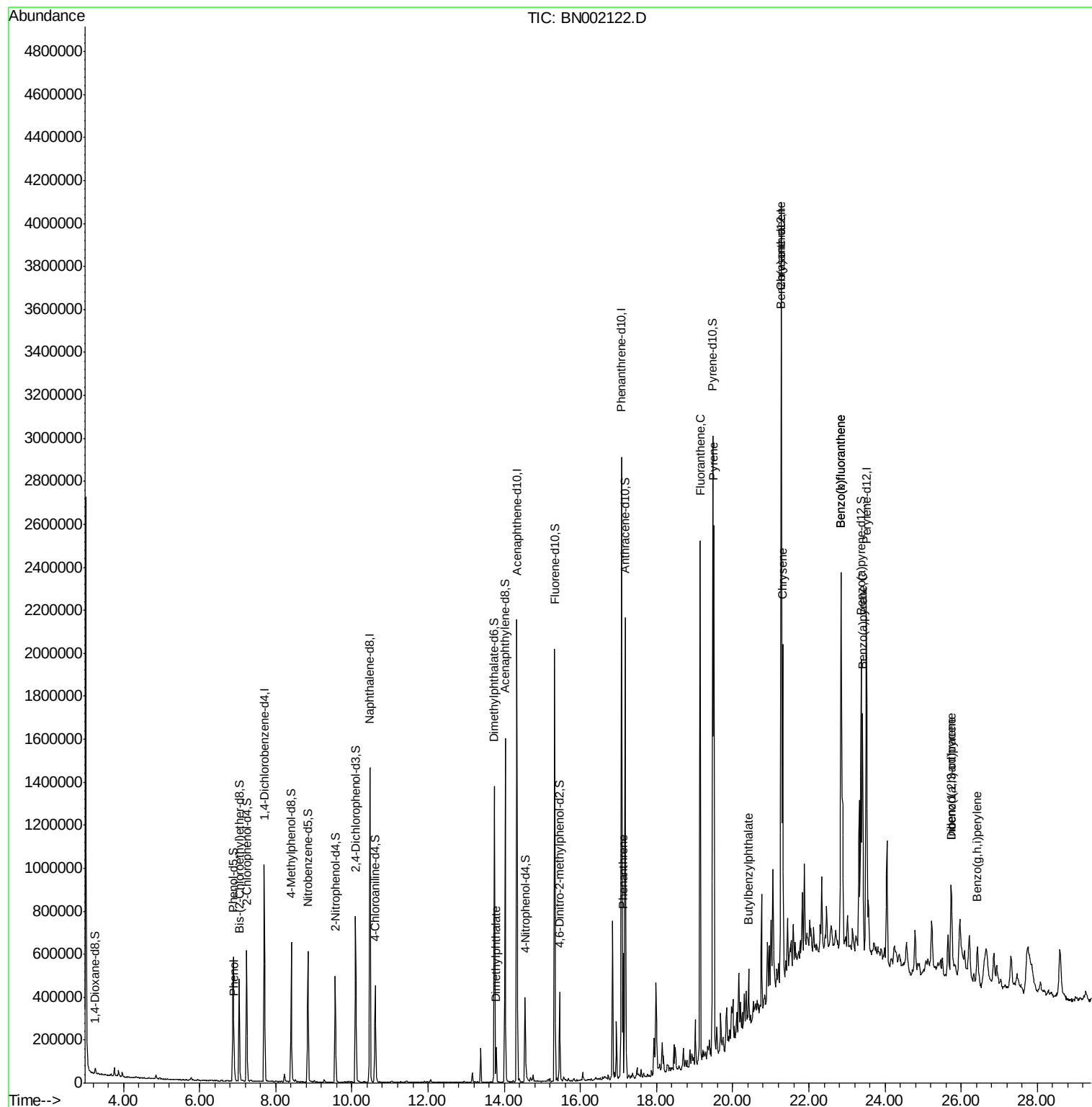
					Ovalue
6) Phenol	6.90	94	47691	1.859	ng/ul 90
44) Dimethylphthalate	13.79	163	98092	1.646	ng/ul 99
69) Phenanthrene	17.12	178	341703	3.802	ng/ul 100
76) Fluoranthene	19.15	202	1486111	15.583	ng/ul 98
79) Pyrene	19.50	202	1449815	15.589	ng/ul 99
80) Butylbenzylphthalate	20.42	149	68056	1.541	ng/ul 98
82) Benzo(a)anthracene	21.26	228	829816	8.989	ng/ul 99
84) Chrysene	21.32	228	902309	10.487	ng/ul 98
87) Benzo(b)fluoranthene	22.84	252	1161331	15.576	ng/ul 98
88) Benzo(k)fluoranthene	22.84	252	1161331	16.396	ng/ul 97
90) Benzo(a)pyrene	23.42	252	595853	8.411	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.74	276	378098	4.617	ng/ul# 93
92) Dibenzo(a,h)anthracene	25.74	278	103646	1.512	ng/ul# 92
93) Benzo(g,h,i)perylene	26.42	276	208373	3.028	ng/ul 97

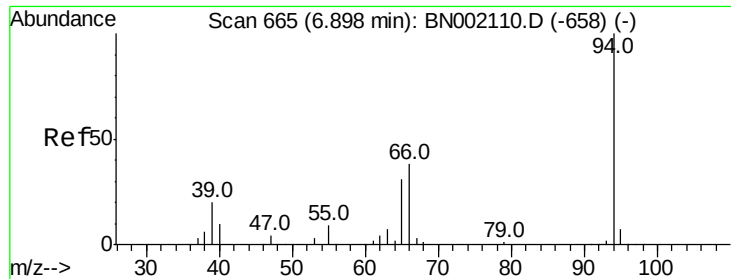
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002122.D
Acq On : 24 Jul 2018 00:49
Operator : JU/SJ
Sample : J4038-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 24 02:26:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 24 02:24:22 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.859 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. 0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

ClientSampleId :

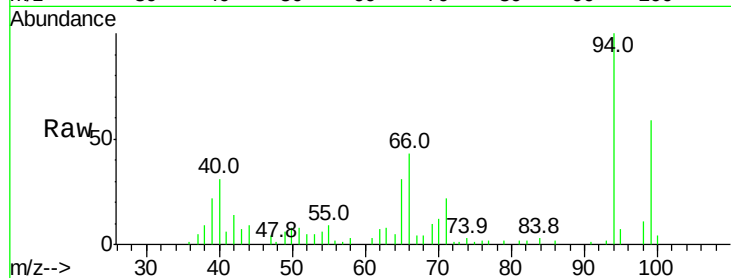
Tot Ion: 94 Resp: 47691

Ion Ratio Lower Upper

94 100

65 30.6 21.0 31.6

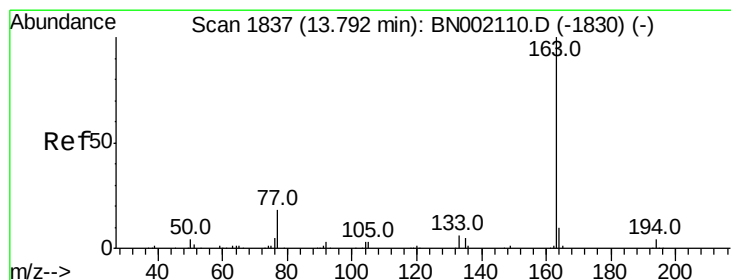
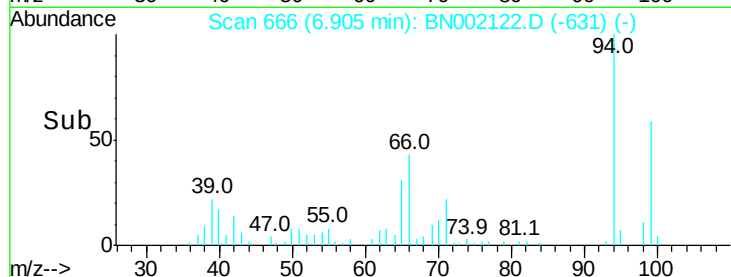
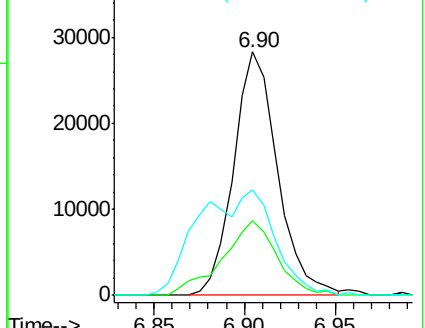
66 43.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002110.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN002110.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN002110.D (-658) (-)



#44

Dimethylphthalate

Concen: 1.646 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

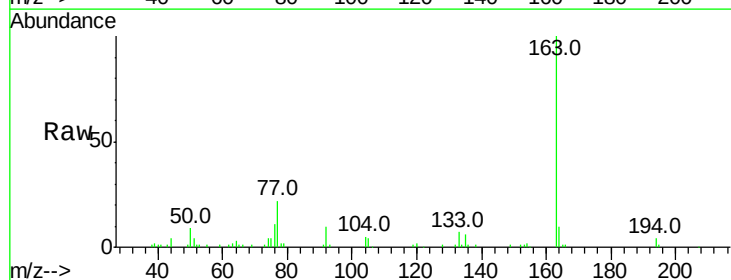
Tgt Ion:163 Resp: 98092

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

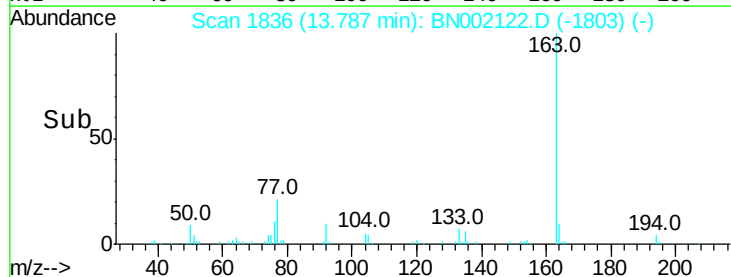
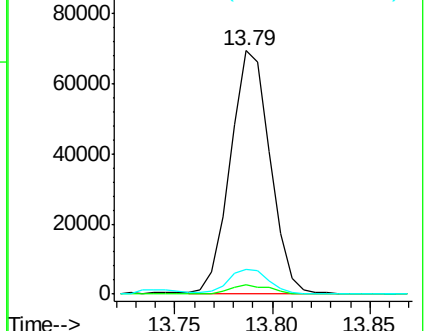
164 10.1 7.8 11.8

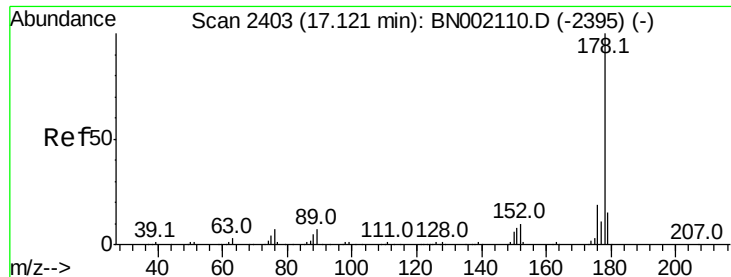


Abundance Ion 163.00 (162.70 to 163.70): BN002110.D (-1830) (-)

Ion 194.00 (193.70 to 194.70): BN002110.D (-1830) (-)

Ion 164.00 (163.70 to 164.70): BN002110.D (-1830) (-)





#69

Phenanthrene

Concen: 3.802 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

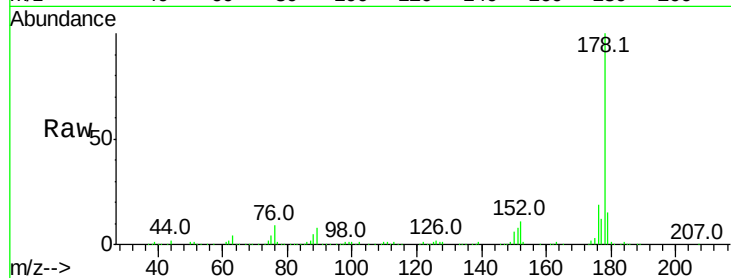
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 341703

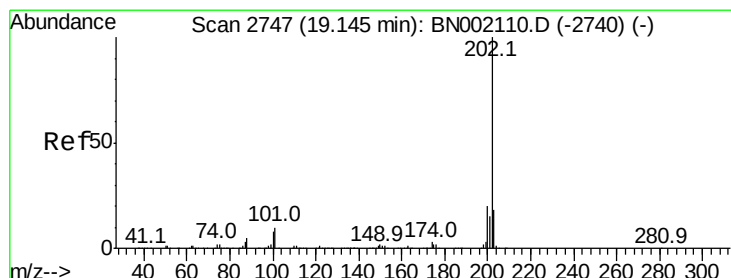
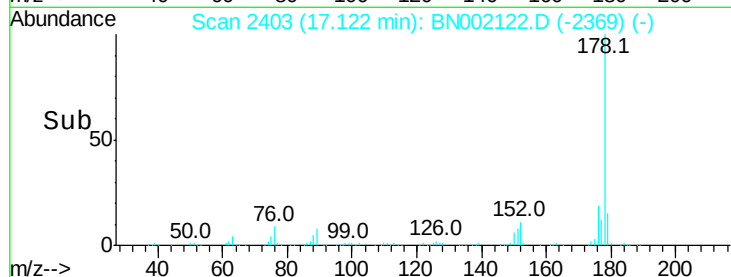
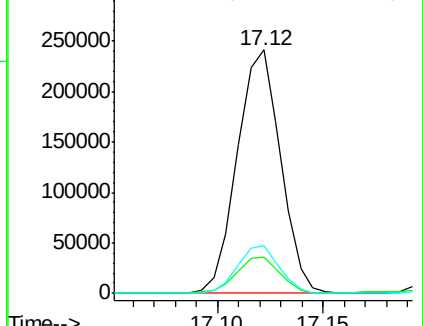
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	19.5	15.6	23.4



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



#76

Fluoranthene

Concen: 15.583 ng/ul

RT: 19.15 min Scan# 2747

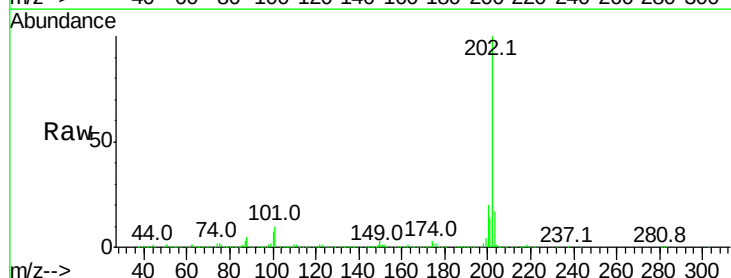
Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Tgt Ion:202 Resp: 1486111

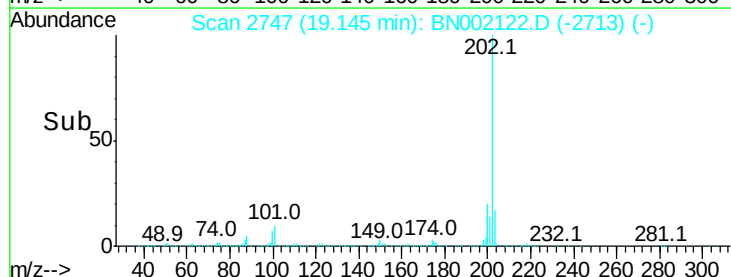
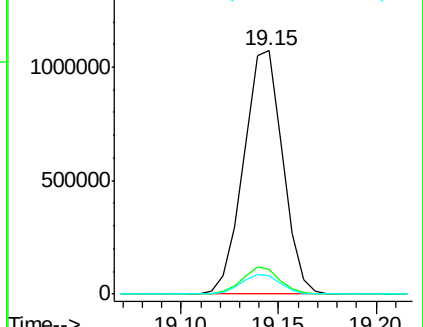
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	7.3	6.6	9.8

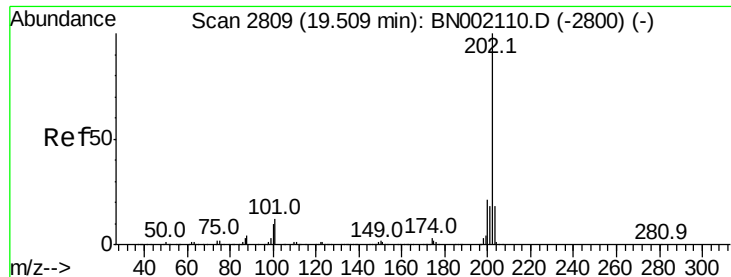


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 15.589 ng/ul

RT: 19.50 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

ClientSampleId :

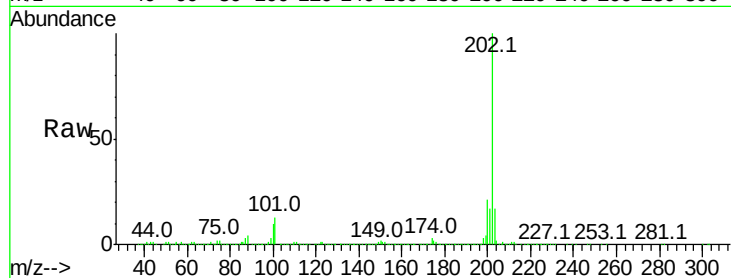
Tot Ion:202 Resp: 1449815

Ion Ratio Lower Upper

202 100

101 12.8 10.2 15.2

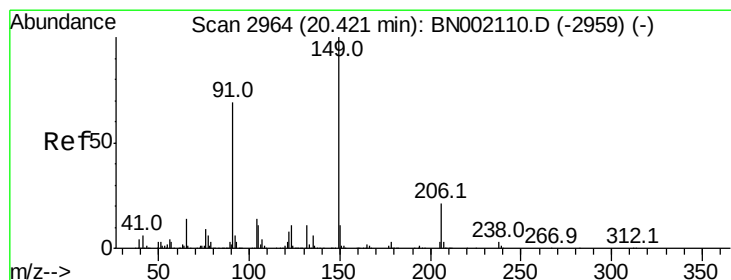
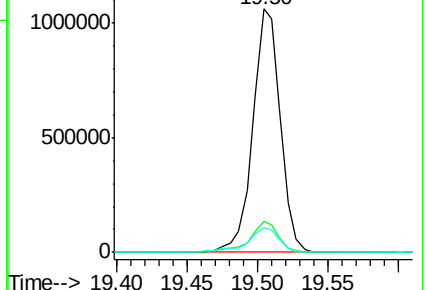
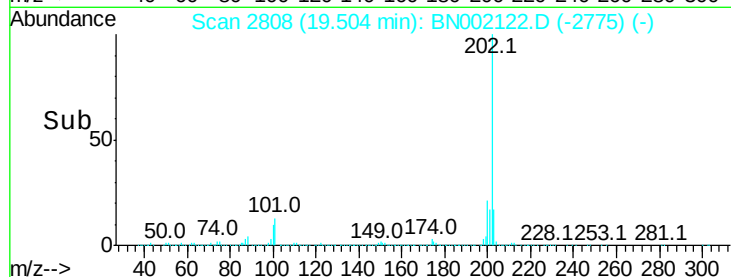
100 10.0 8.5 12.7



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

Butylbenzylphthalate

Concen: 1.541 ng/ul

RT: 20.42 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

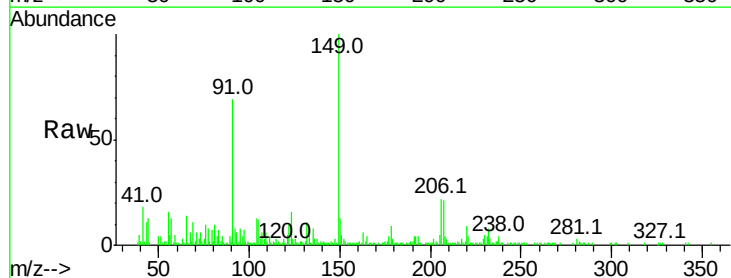
Tgt Ion:149 Resp: 68056

Ion Ratio Lower Upper

149 100

91 68.6 53.4 80.2

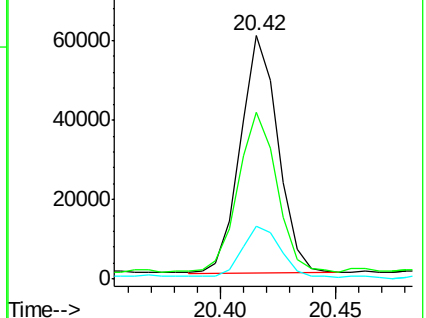
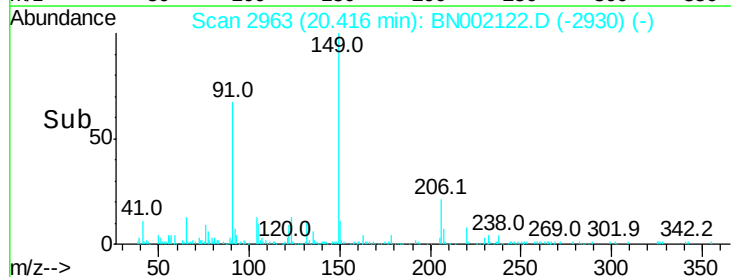
206 21.5 16.6 24.8

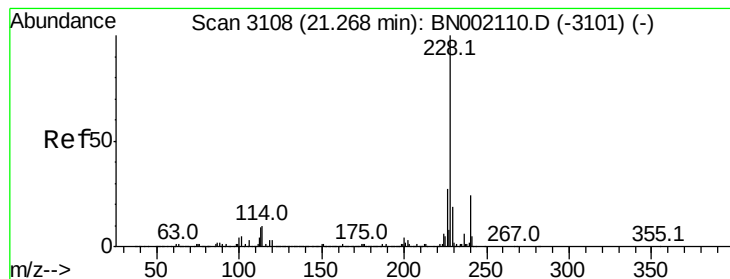


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 8.989 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

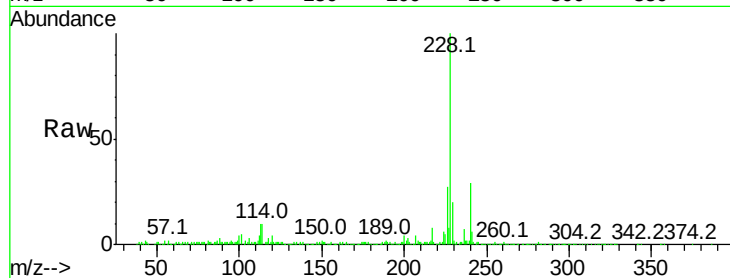
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 829816

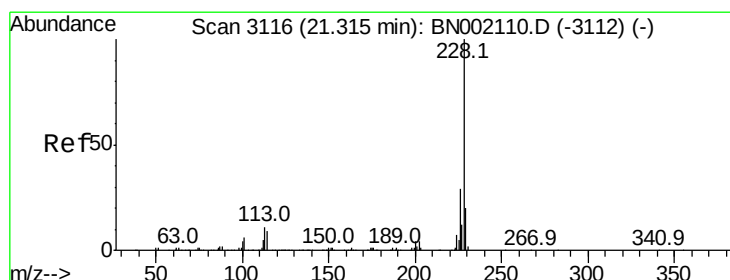
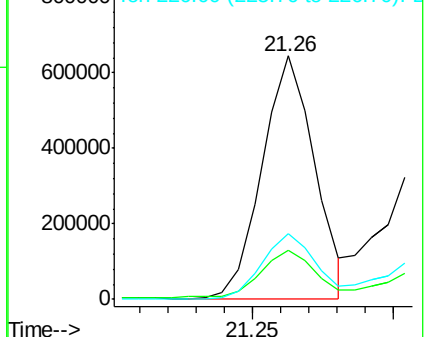
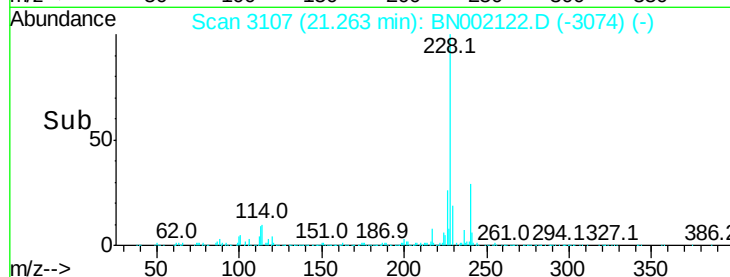
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	26.7	21.8	32.6



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



#84

Chrysene

Concen: 10.487 ng/ul

RT: 21.32 min Scan# 3116

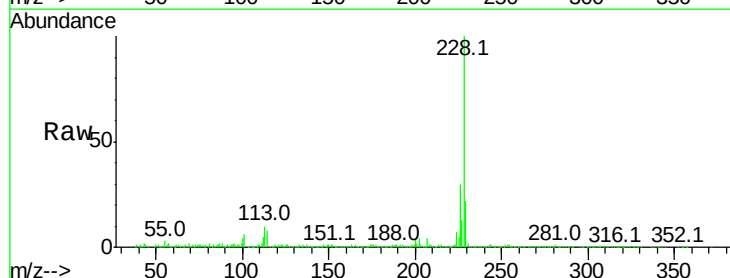
Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Tgt Ion:228 Resp: 902309

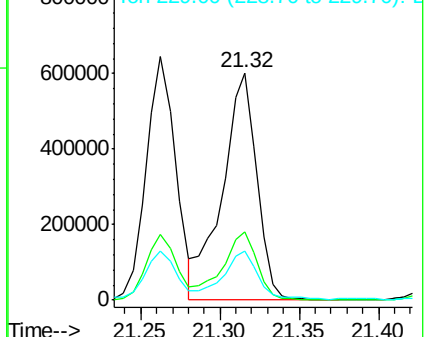
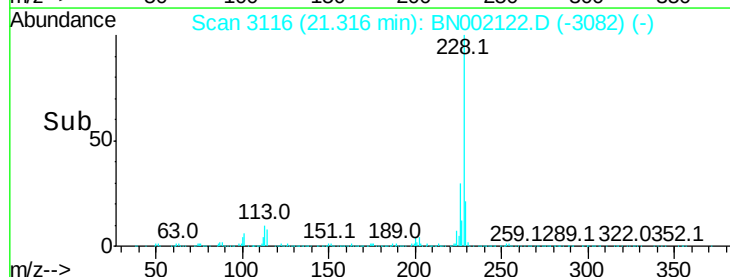
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	21.6	15.6	23.4

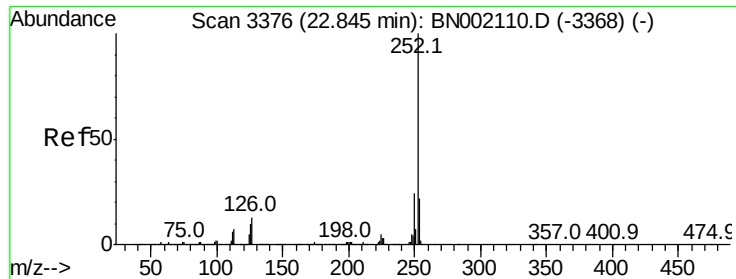


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 15.576 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

ClientSampleId :

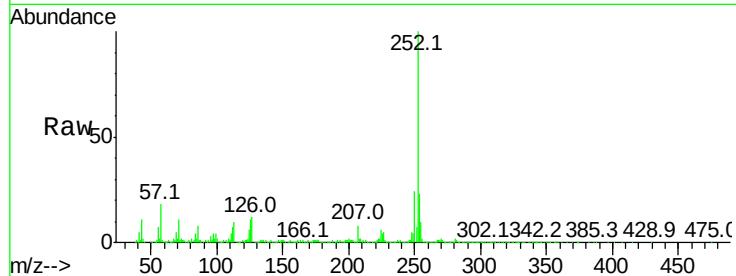
Tot Ion:252 Resp: 1161331

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

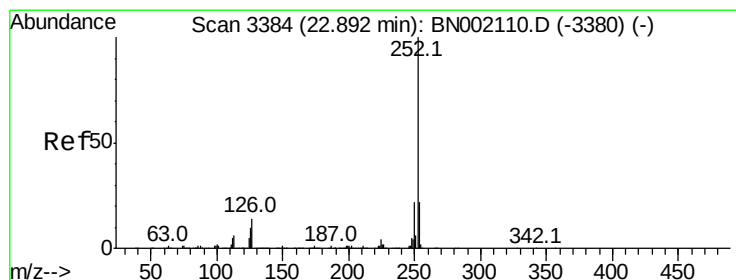
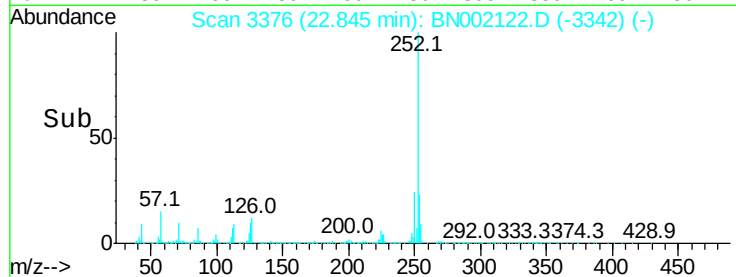
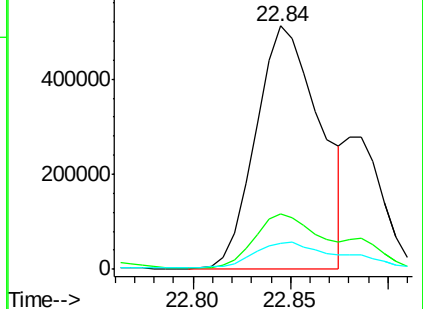
125 10.9 8.5 12.7



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: 16.396 ng/ul

RT: 22.84 min Scan# 3376

Delta R.T. -0.05 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

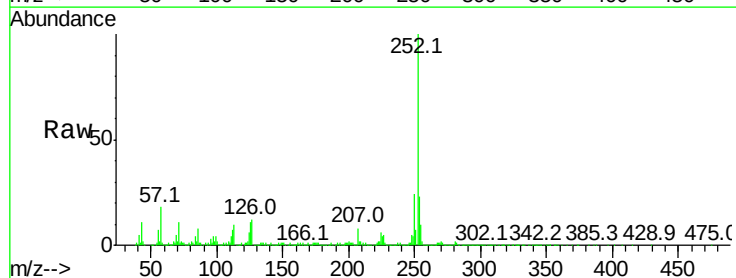
Tgt Ion:252 Resp: 1161331

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

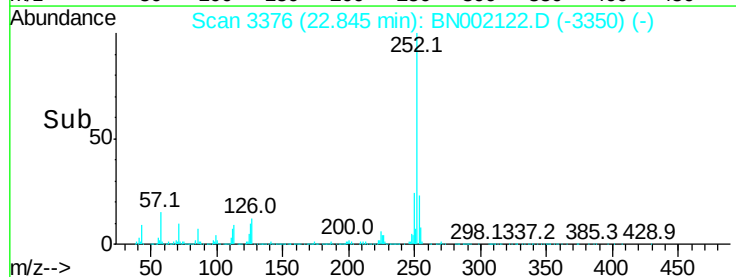
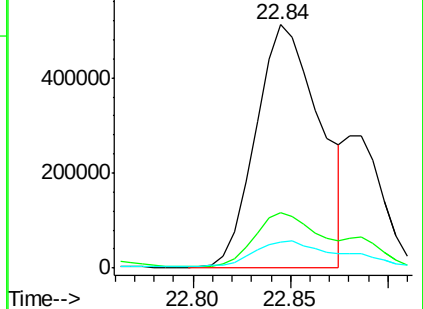
125 10.9 8.2 12.2

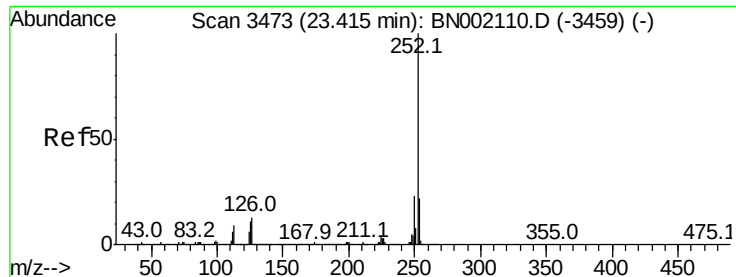


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 8.411 ng/ul

RT: 23.42 min Scan# 3473

Delta R.T. 0.00 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

ClientSampleId :

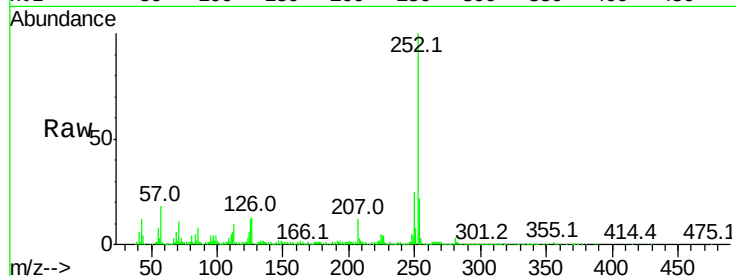
Tot Ion:252 Resp: 595853

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

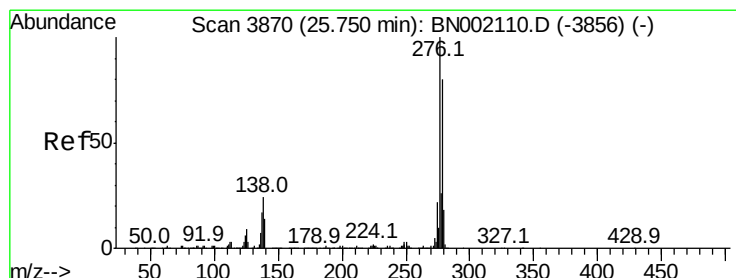
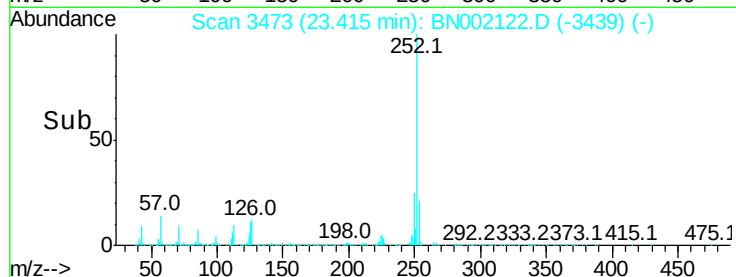
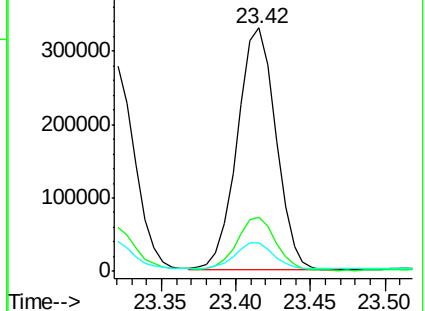
125 11.8 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 4.617 ng/ul

RT: 25.74 min Scan# 3868

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

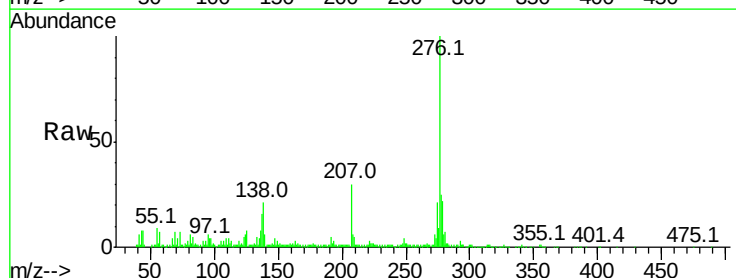
Tgt Ion:276 Resp: 378098

Ion Ratio Lower Upper

276 100

138 21.3 22.3 33.5#

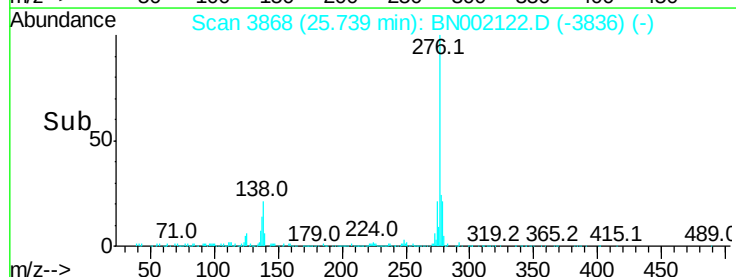
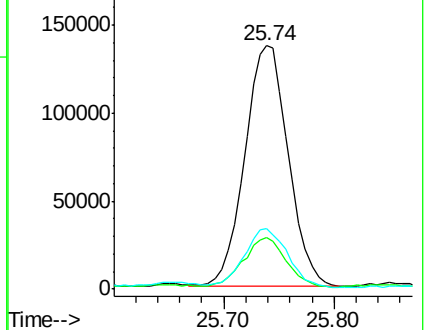
277 24.8 20.2 30.2

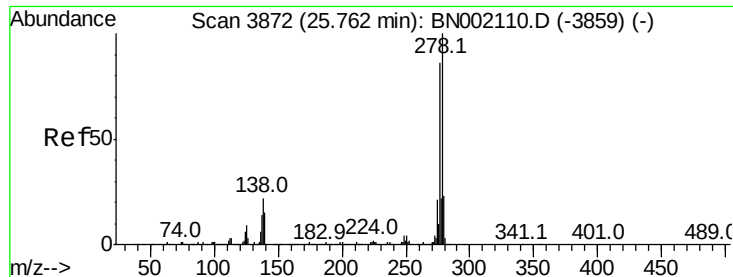


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 1.512 ng/ul

RT: 25.74 min Scan# 3869

Delta R.T. -0.02 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

Instrument :

BNA_N

ClientSampleId :

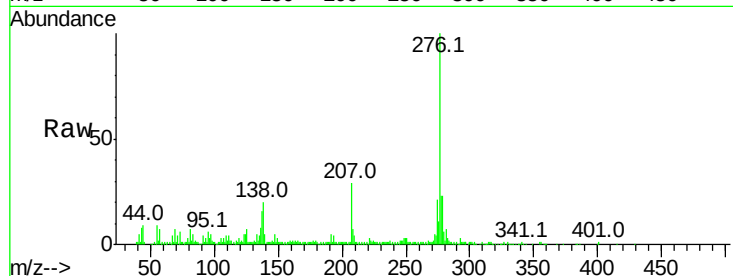
Tot Ion:278 Resp: 103646

Ion Ratio Lower Upper

278 100

139 23.4 13.9 20.9#

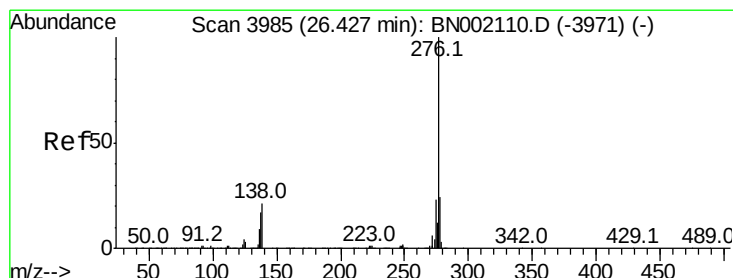
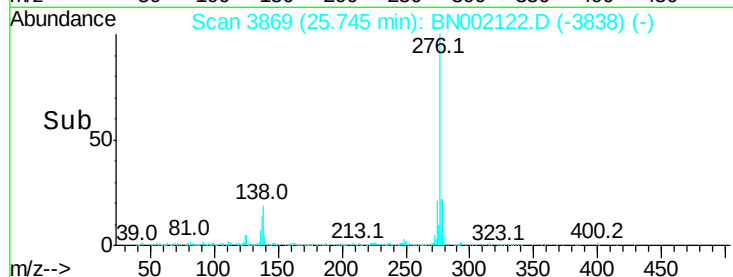
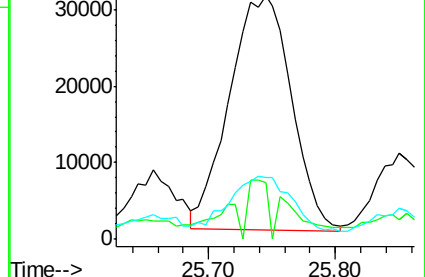
279 25.4 19.0 28.4



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



#93

Benzo(g,h,i)perylene

Concen: 3.028 ng/ul

RT: 26.42 min Scan# 3984

Delta R.T. -0.01 min

Lab File: BN002122.D

Acq: 24 Jul 2018 00:49

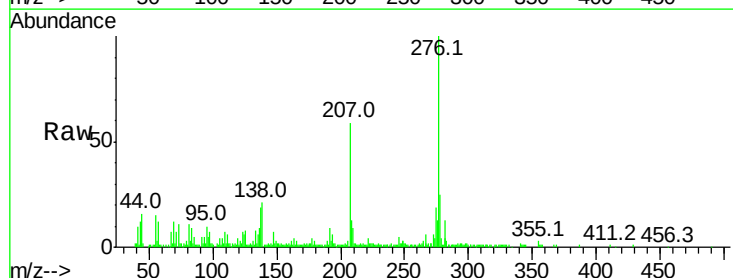
Tgt Ion:276 Resp: 208373

Ion Ratio Lower Upper

276 100

138 21.3 18.9 28.3

277 25.1 19.2 28.8



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

