

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002014.D
 Acq On : 11 Jul 2018 17:11
 Operator : JU/SJ
 Sample : J3775-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 11 22:43:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	500160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2296362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1358875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3095623	20.00	ng/ul	0.01
75) Chrysene-d12	21.29	240	2840216	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2395545	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	42806	3.72	ng/uL	0.00
5) Phenol-d5	6.89	99	1047682	23.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	651522	23.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	855896	23.85	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	802282	22.13	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	436459	25.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	494310	28.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	885791	23.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	782049	20.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2718192	23.69	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3510313	24.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	428355	20.26	ng/ul	0.00
57) Fluorene-d10	15.34	176	2489589	24.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	273548	16.22	ng/ul	0.00
70) Anthracene-d10	17.19	188	3808073	25.46	ng/ul	0.00
76) Pyrene-d10	19.49	212	4102463	28.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3326608	25.54	ng/ul	0.01

Target Compounds

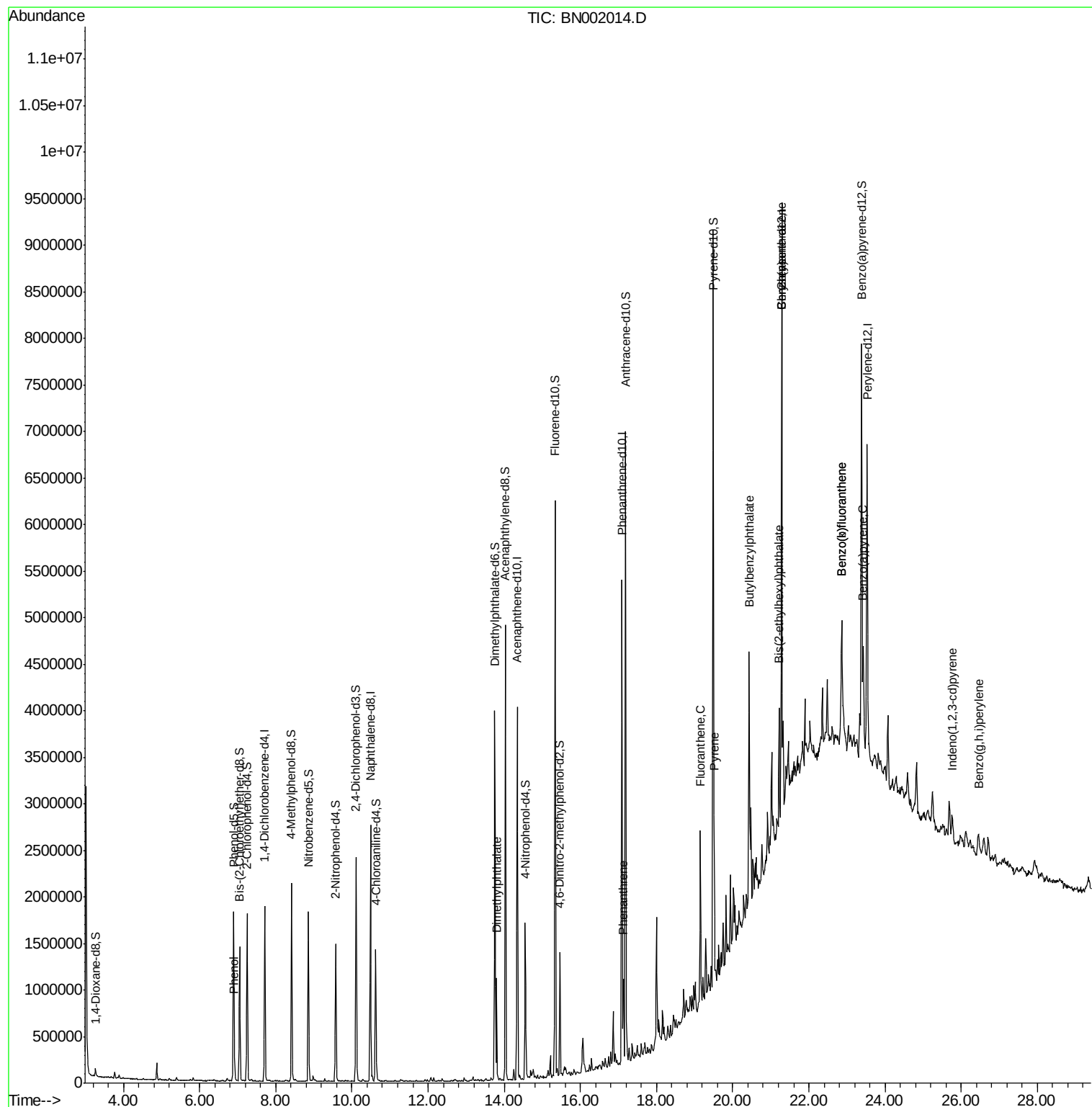
				Ovalue	
6) Phenol	6.92	94	57593	1.262	ng/ul# 90
44) Dimethylphthalate	13.80	163	671999	5.958	ng/ul 99
69) Phenanthrene	17.13	178	541187	3.103	ng/ul 99
74) Fluoranthene	19.15	202	1102183	6.013	ng/ul# 90
77) Pyrene	19.52	202	998611	5.618	ng/ul# 87
78) Butylbenzylphthalate	20.43	149	347191	4.578	ng/ul 93
80) Benzo(a)anthracene	21.27	228	538702	3.001	ng/ul 96
81) Bis(2-ethylhexyl)phthalate	21.22	149	453953	4.014	ng/ul 99
82) Chrysene	21.27	228	556104	3.330	ng/ul 96
85) Benzo(b)fluoranthene	22.86	252	633750	4.189	ng/ul# 88
86) Benzo(k)fluoranthene	22.86	252	633750	4.320	ng/ul# 87
88) Benzo(a)pyrene	23.43	252	384608	2.720	ng/ul# 82
89) Indeno(1,2,3-cd)pyrene	25.77	276	281775	1.873	ng/ul# 86
91) Benzo(g,h,i)perylene	26.45	276	280831	2.263	ng/ul# 85

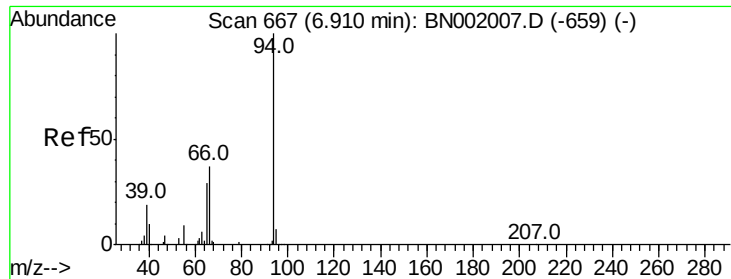
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.262 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

ClientSampleId :

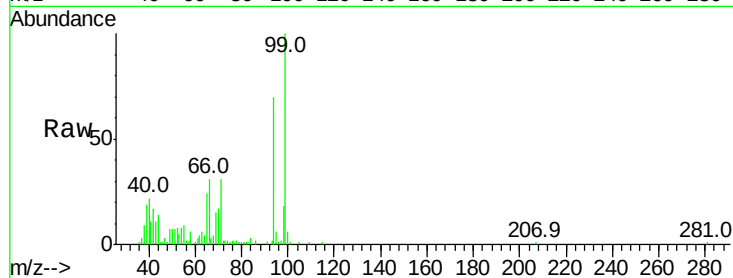
Tot Ion: 94 Resp: 57593

Ion Ratio Lower Upper

94 100

65 34.6 23.0 34.6#

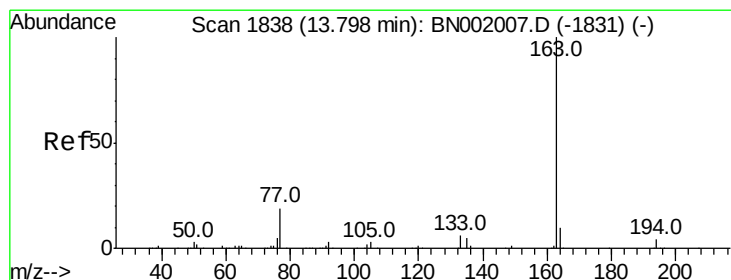
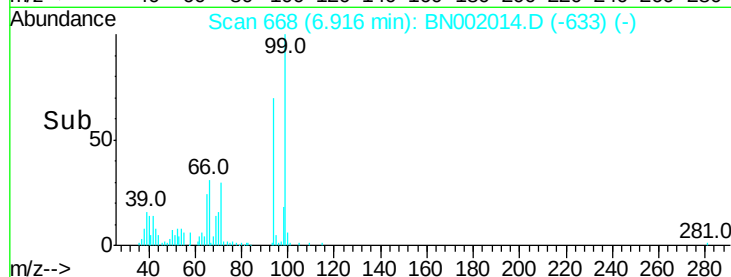
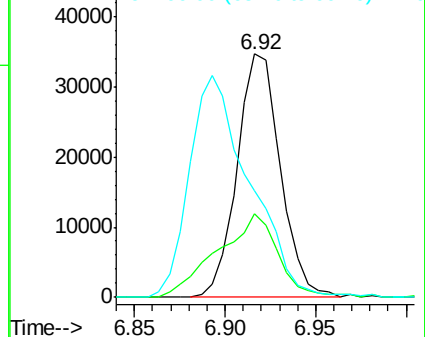
66 43.9 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN002007.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BN002007.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BN002007.D (-659) (-)



#44

Dimethylphthalate

Concen: 5.958 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

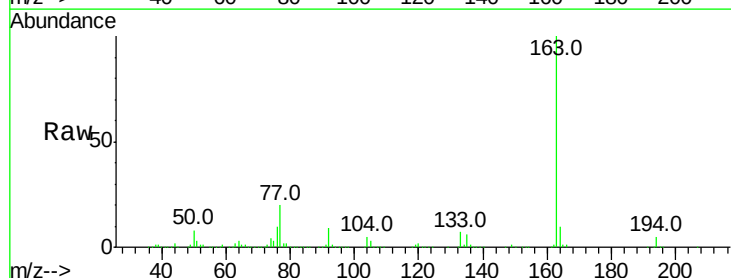
Tgt Ion:163 Resp: 671999

Ion Ratio Lower Upper

163 100

194 4.6 4.0 6.0

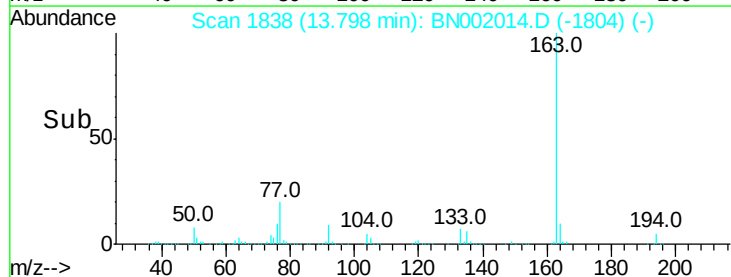
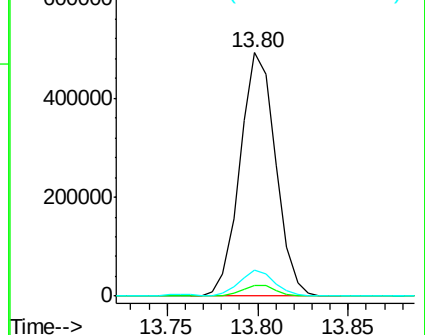
164 10.4 8.4 12.6

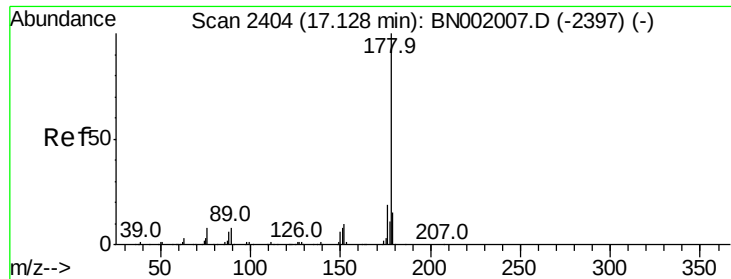


Abundance Ion 163.00 (162.70 to 163.70): BN002007.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BN002007.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BN002007.D (-1831) (-)





#69

Phenanthrene

Concen: 3.103 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

ClientSampleId :

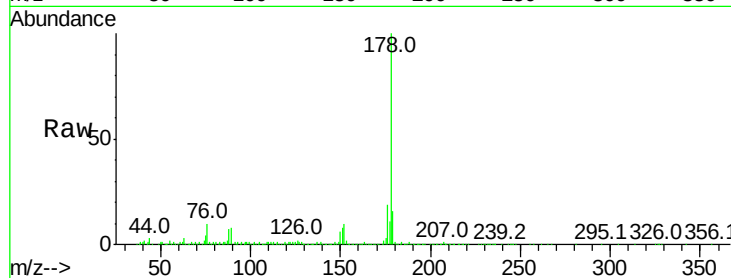
Tot Ion:178 Resp: 541187

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.8	15.4	23.0

178 100

179 16.0 12.3 18.5

176 18.8 15.4 23.0



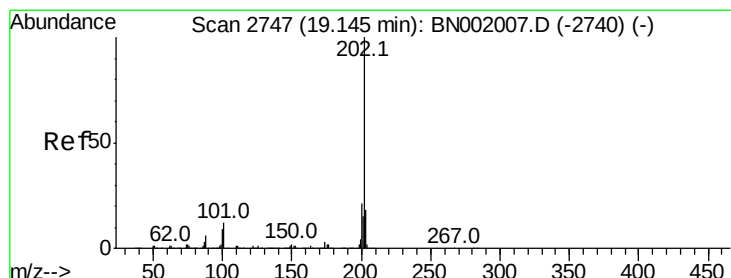
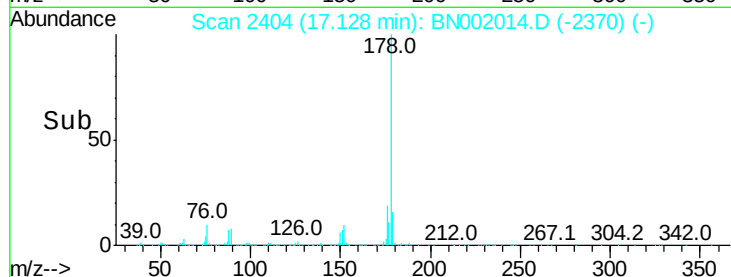
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

17.13

Time-->



#74

Fluoranthene

Concen: 6.013 ng/ul

RT: 19.15 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

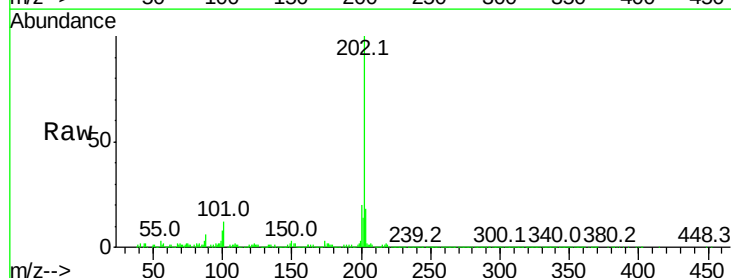
Tgt Ion:202 Resp: 1102183

Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.1	9.1#
100	8.4	4.6	7.0#

202 100

101 11.7 6.1 9.1#

100 8.4 4.6 7.0#



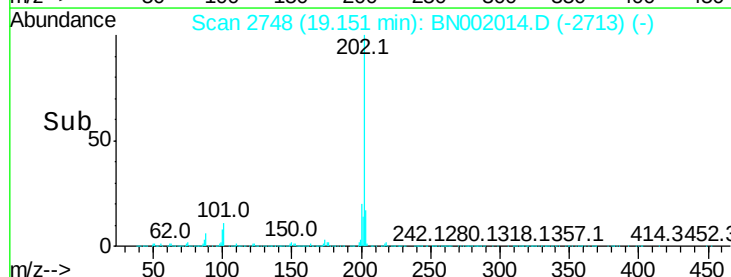
Abundance Ion 202.00 (201.70 to 202.70): E

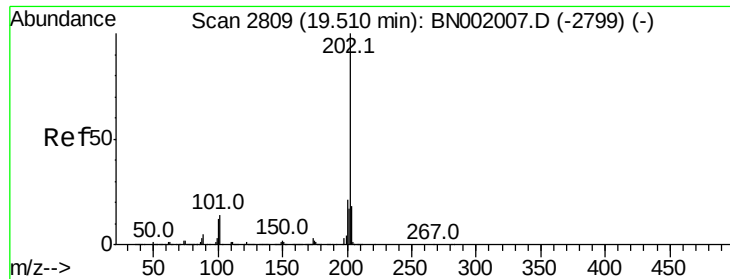
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.15

Time-->





#77

Pvrene

Concen: 5.618 ng/ul

RT: 19.52 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

ClientSampleId :

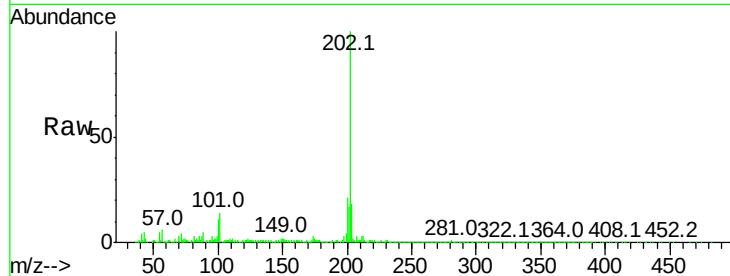
Tot Ion:202 Resp: 998611

Ion Ratio Lower Upper

202 100

101 14.0 6.9 10.3#

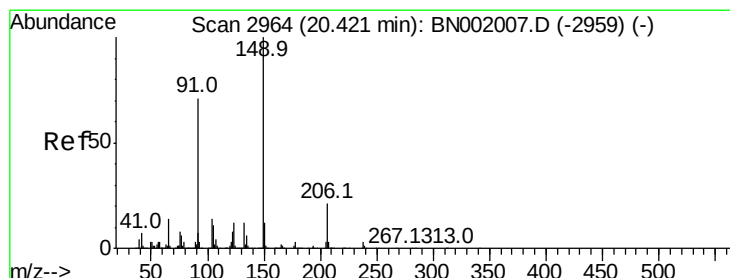
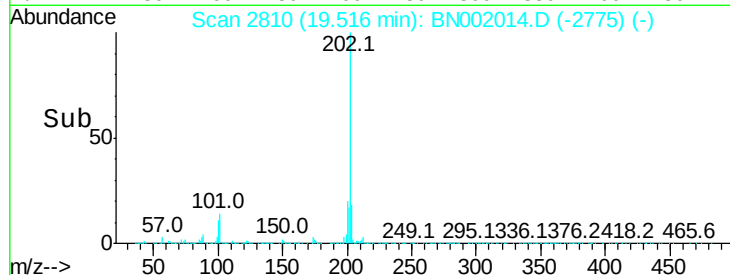
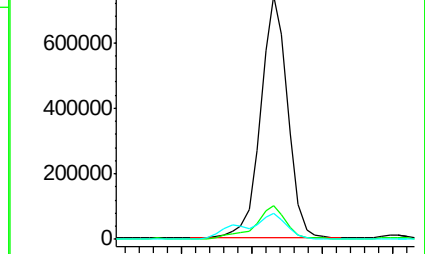
100 10.8 5.6 8.4#



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



#78

Butylbenzylphthalate

Concen: 4.578 ng/ul

RT: 20.43 min Scan# 2965

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

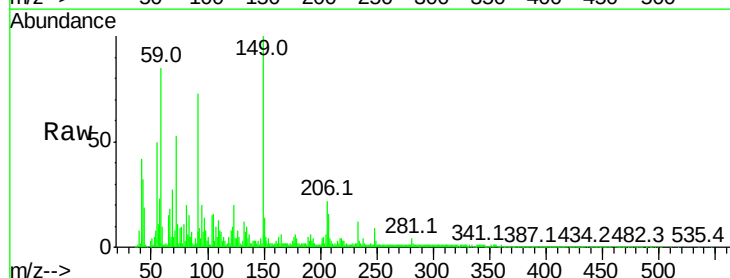
Tgt Ion:149 Resp: 347191

Ion Ratio Lower Upper

149 100

91 73.0 53.4 80.0

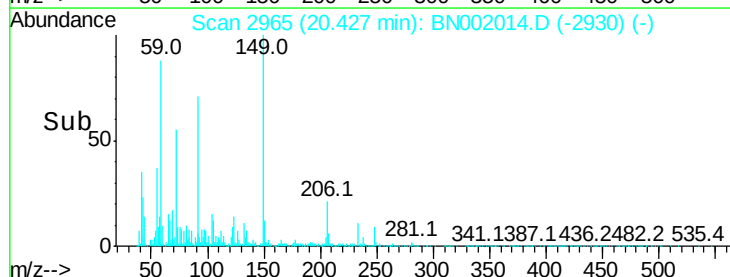
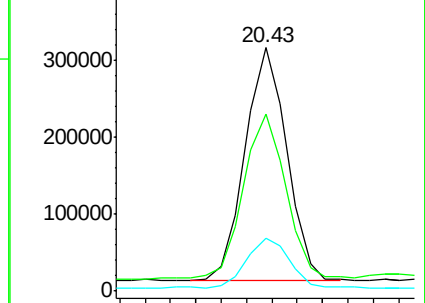
206 21.7 19.3 28.9

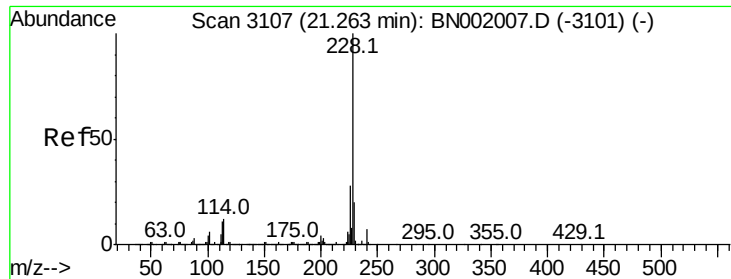


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3.001 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Instrument :

BNA_N

ClientSampleId :

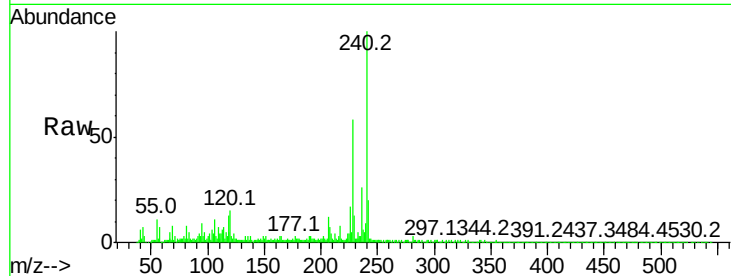
Tot Ion:228 Resp: 538702

Ion Ratio Lower Upper

228 100

229 22.9 16.0 24.0

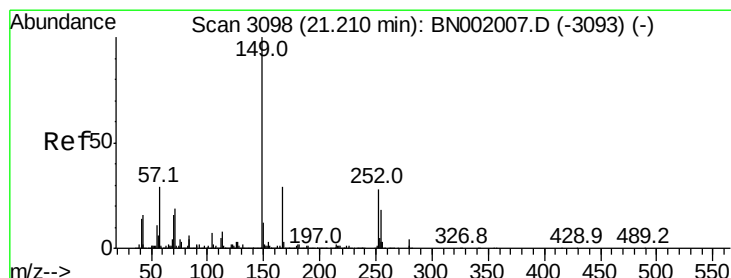
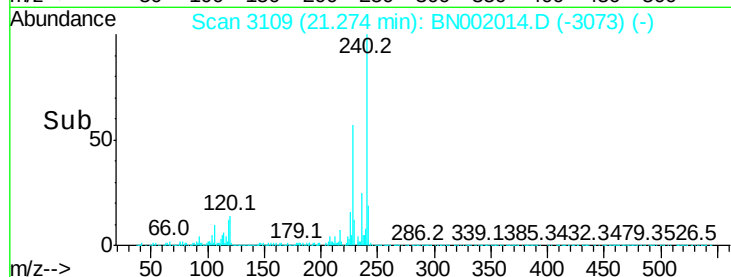
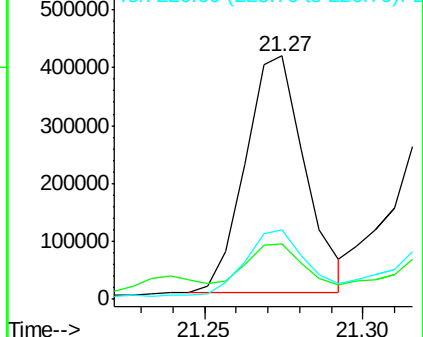
226 28.6 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 4.014 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

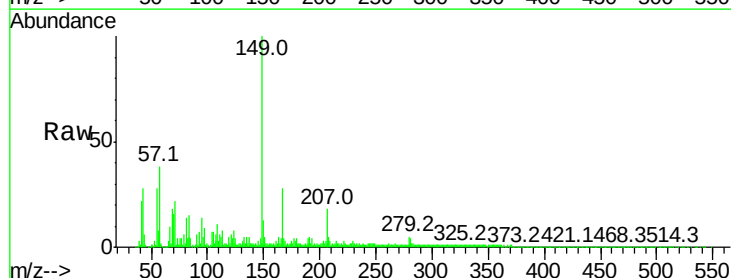
Tgt Ion:149 Resp: 453953

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.6

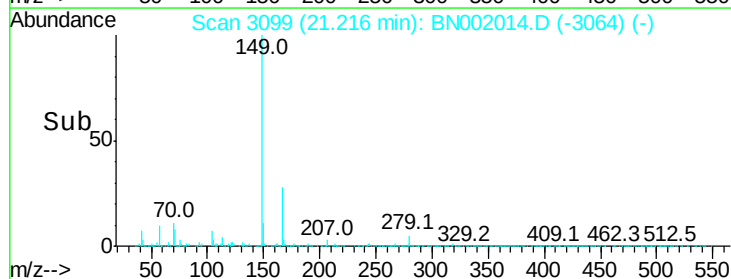
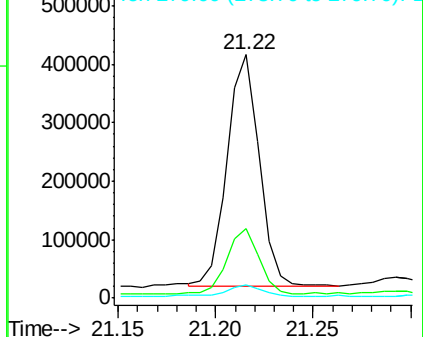
279 5.2 4.3 6.5

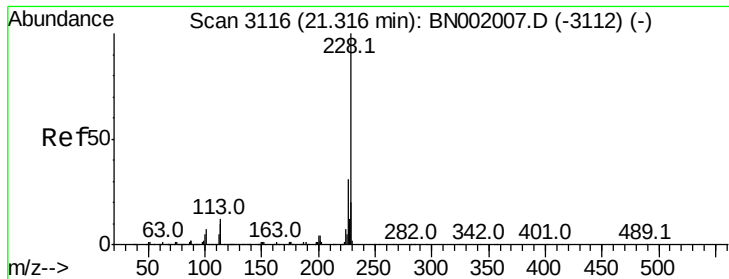


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 3.330 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.04 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

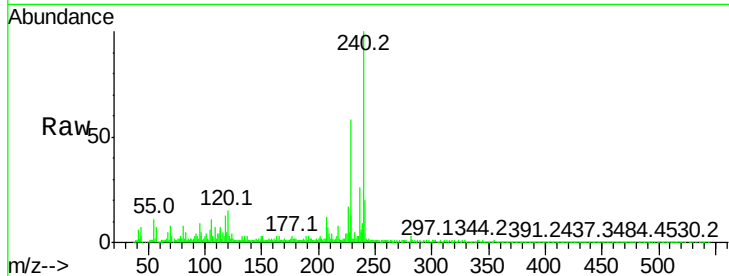
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 556104

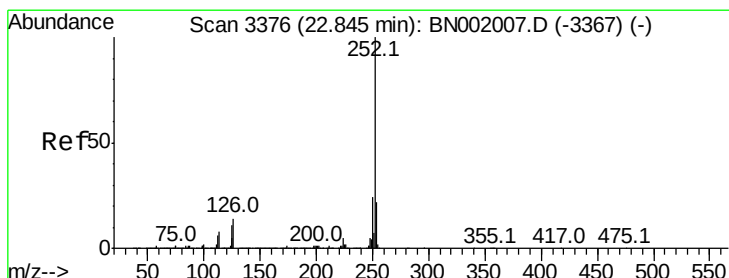
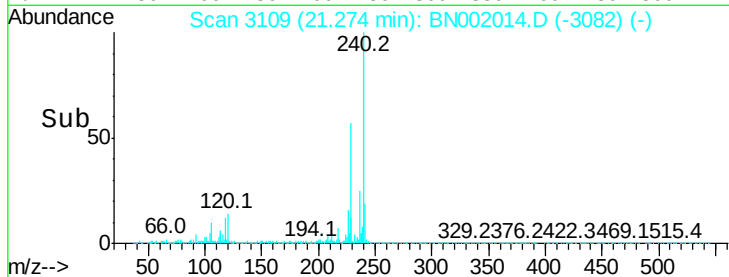
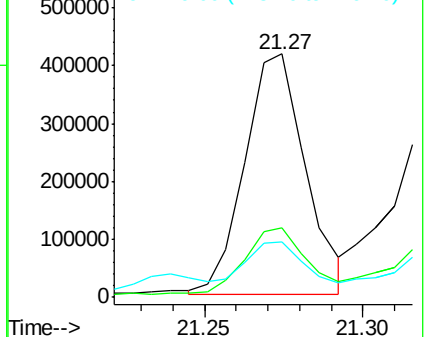
Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.1	36.1
229	22.9	16.0	24.0



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: 4.189 ng/ul

RT: 22.86 min Scan# 3379

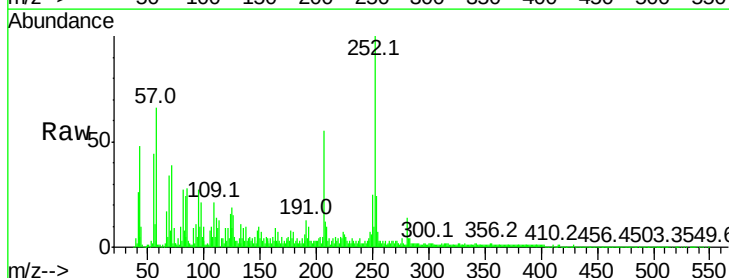
Delta R.T. 0.02 min

Lab File: BN002014.D

Acq: 11 Jul 2018 17:11

Tgt Ion:252 Resp: 633750

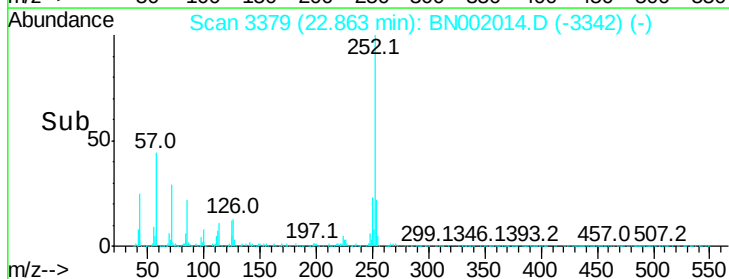
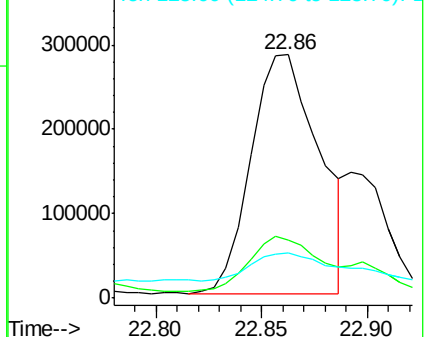
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	18.7	4.9	7.3

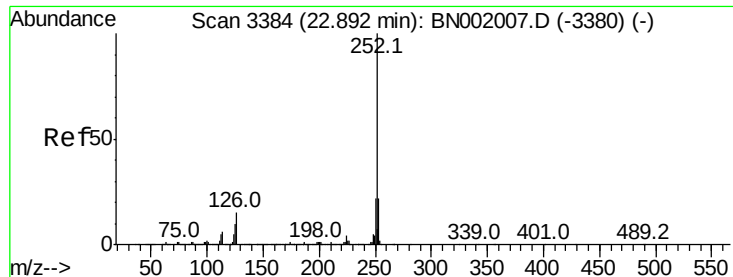


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

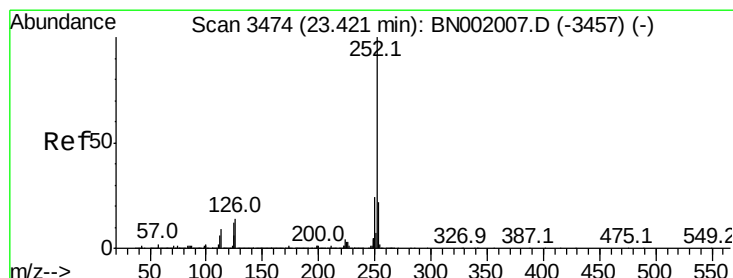
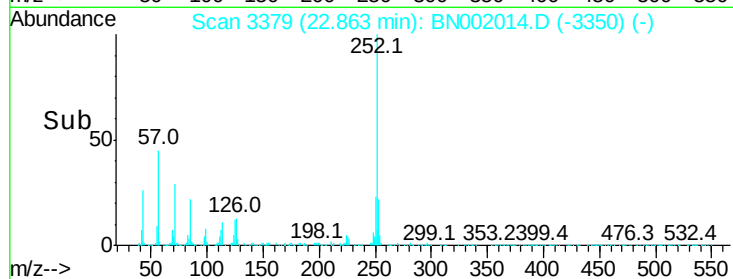
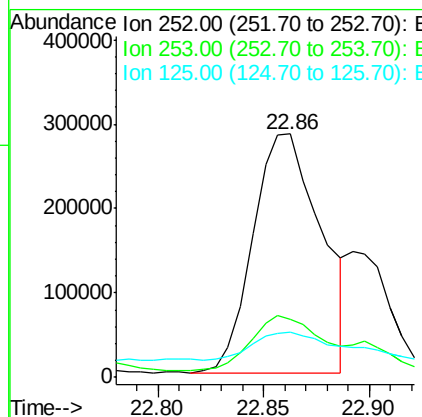
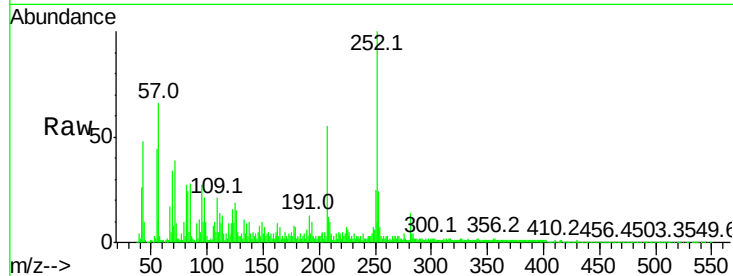




#86
Benzo(k)fluoranthene
Concen: 4.320 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.03 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

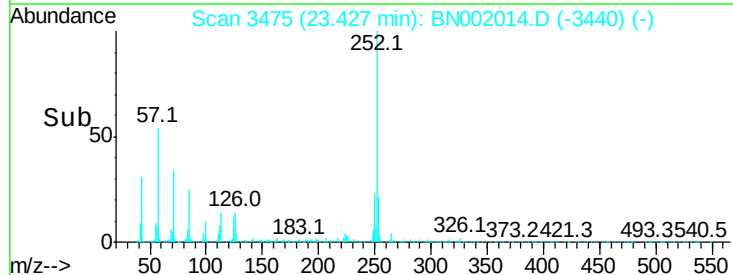
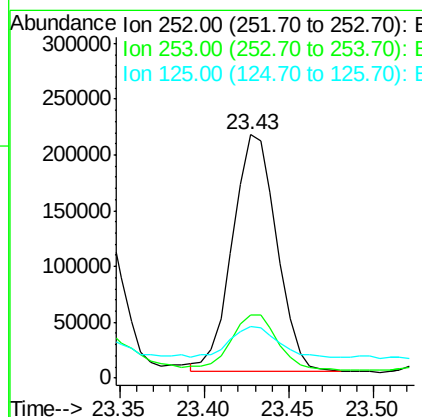
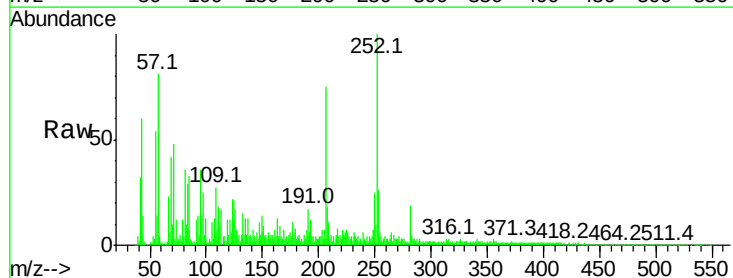
Instrument :
BNA_N
ClientSampleId :

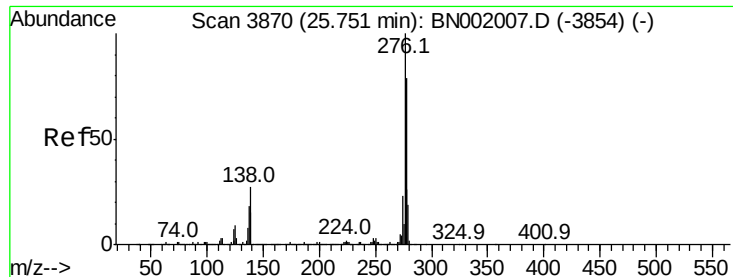
Tot Ion:252 Resp: 633750
Ion Ratio Lower Upper
252 100
253 24.1 17.1 25.7
125 18.7 5.4 8.0#



#88
Benzo(a)pyrene
Concen: 2.720 ng/ul
RT: 23.43 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Tgt Ion:252 Resp: 384608
Ion Ratio Lower Upper
252 100
253 26.1 17.2 25.8#
125 21.4 5.8 8.6#



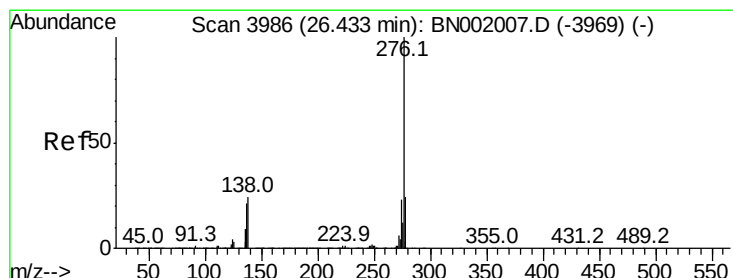
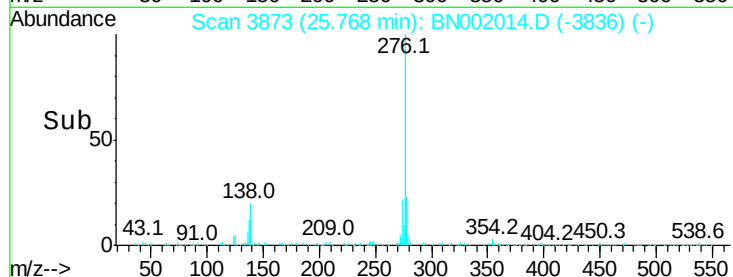
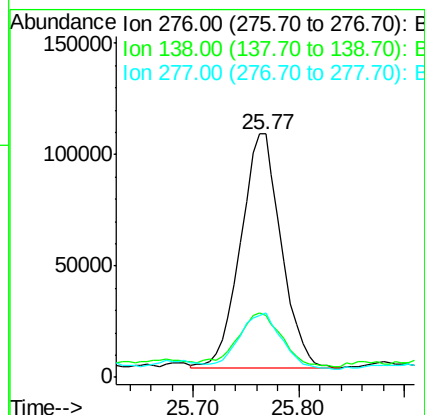
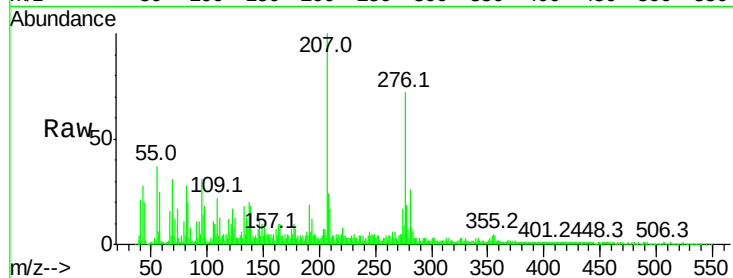


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.873 ng/ul
RT: 25.77 min Scan# 3873
Delta R.T. 0.02 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	10.9	16.3#
277	26.6	18.9	28.3



#91

Benzo(g,h,i)perylene
Concen: 2.263 ng/ul
RT: 26.45 min Scan# 3989
Delta R.T. 0.02 min
Lab File: BN002014.D
Acq: 11 Jul 2018 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	11.2	16.8#
277	27.4	19.0	28.6

