

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000651.D
 Acq On : 27 Mar 2018 17:37
 Operator : JU/SJ
 Sample : J2060-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 28 01:38:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 28 01:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	166074	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	743074	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	406094	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	843637	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	717325	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	560456	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	21234	4.57	ng/uL	0.00
5) Phenol-d5	7.55	99	347446	22.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	252555	28.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	297974	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	270024	22.37	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	157473	26.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	170192	27.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	287139	25.62	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	386111	33.57	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	912949	28.46	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1178784	27.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	84752	14.23	ng/ul	0.00
57) Fluorene-d10	16.01	176	764605	27.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	67879	14.05	ng/ul	0.00
70) Anthracene-d10	17.85	188	1111461	27.41	ng/ul	0.00
76) Pyrene-d10	20.11	212	1143224	28.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	765106	28.92	ng/ul	0.00

Target Compounds

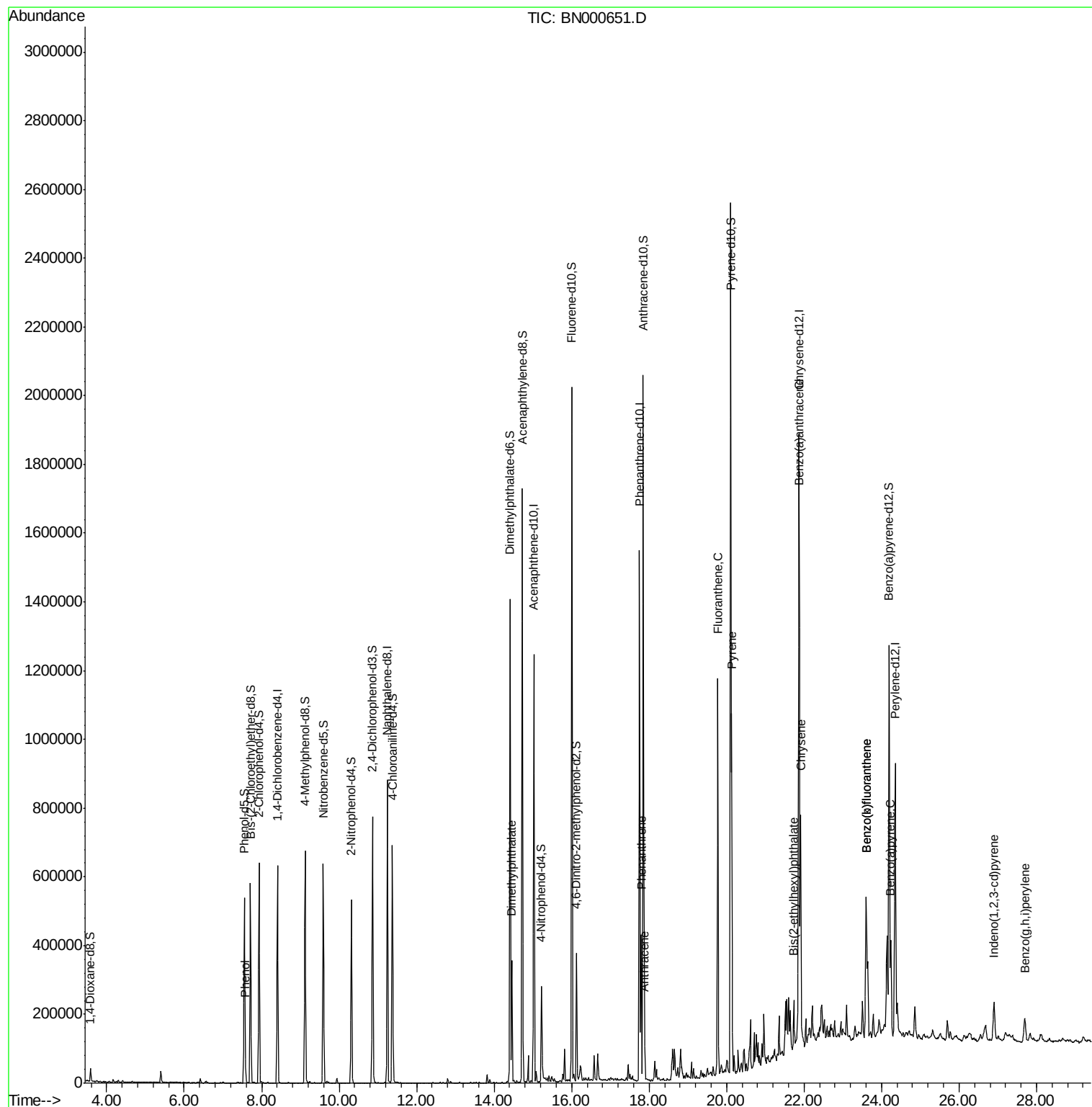
				Ovalue	
6) Phenol	7.58	94	23494	1.486	ng/ul 97
44) Dimethylphthalate	14.46	163	200119	6.306	ng/ul 98
69) Phenanthrene	17.80	178	242700	4.994	ng/ul 99
71) Anthracene	17.88	178	65351	1.311	ng/ul 97
74) Fluoranthene	19.78	202	644205	13.339	ng/ul# 83
77) Pyrene	20.14	202	532019	10.154	ng/ul# 77
80) Benzo(a)anthracene	21.86	228	389566	8.151	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.74	149	41274	1.092	ng/ul# 97
82) Chrysene	21.91	228	345905	7.720	ng/ul 98
85) Benzo(b)fluoranthene	23.60	252	355752	10.046	ng/ul# 94
86) Benzo(k)fluoranthene	23.60	252	355752	10.406	ng/ul# 94
88) Benzo(a)pyrene	24.25	252	192832	5.786	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	26.91	276	92880	2.584	ng/ul# 82
91) Benzo(g,h,i)perylene	27.69	276	82360	2.758	ng/ul# 83

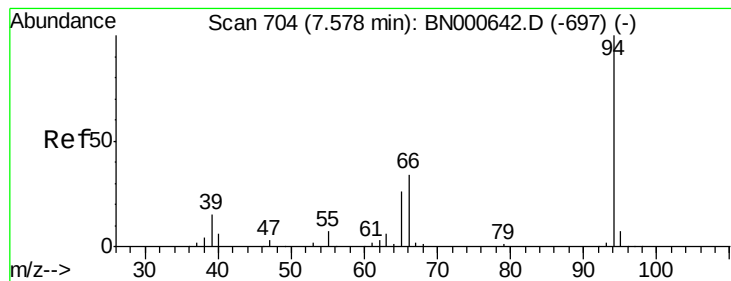
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Mar 28 01:38:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 01:35:46 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.486 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

ClientSampleId :

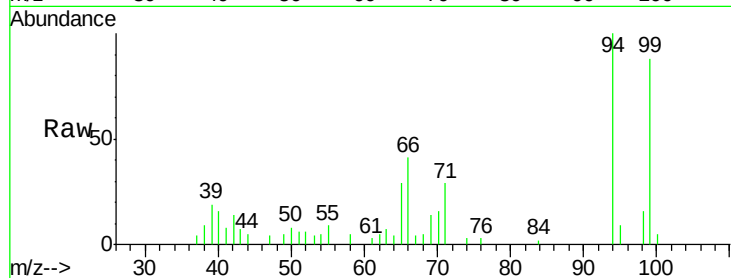
Tot Ion: 94 Resp: 23494

Ion Ratio Lower Upper

94 100

65 29.2 23.0 34.6

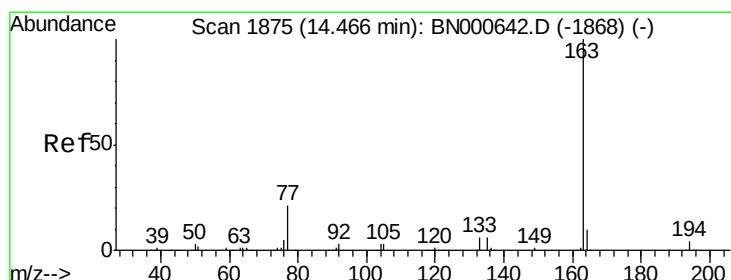
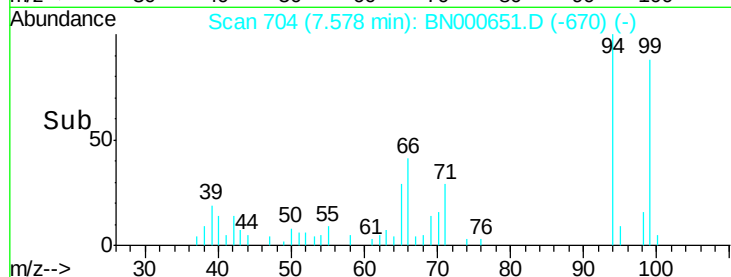
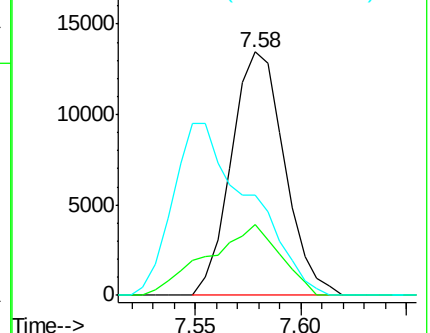
66 41.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN000642.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BN000642.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BN000642.D (-697) (-)



#44

Dimethylphthalate

Concen: 6.306 ng/ul

RT: 14.46 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

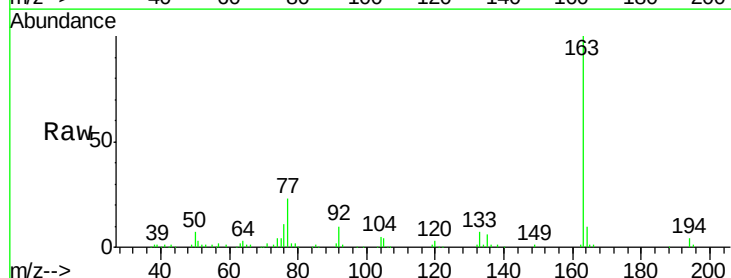
Tgt Ion: 163 Resp: 200119

Ion Ratio Lower Upper

163 100

194 4.2 4.0 6.0

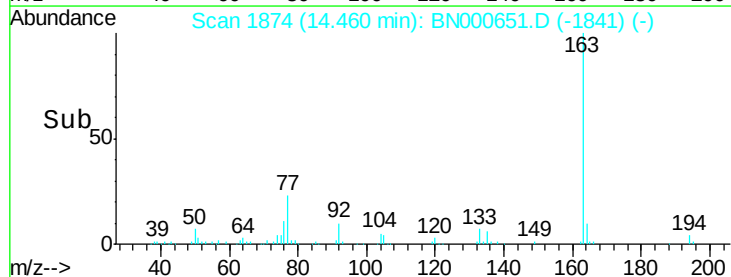
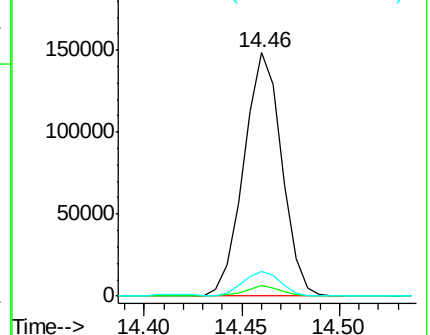
164 10.1 8.4 12.6

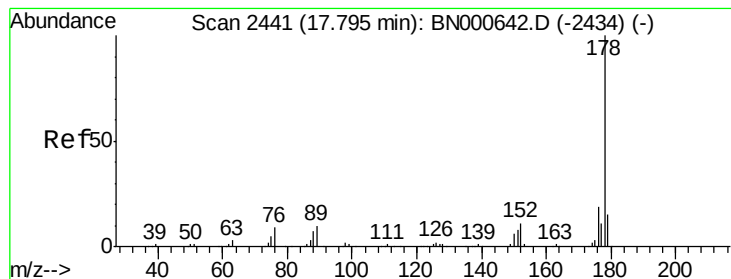


Abundance Ion 163.00 (162.70 to 163.70): BN000642.D (-1868) (-)

Ion 194.00 (193.70 to 194.70): BN000642.D (-1868) (-)

Ion 164.00 (163.70 to 164.70): BN000642.D (-1868) (-)





#69

Phenanthrene

Concen: 4.994 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

ClientSampleId :

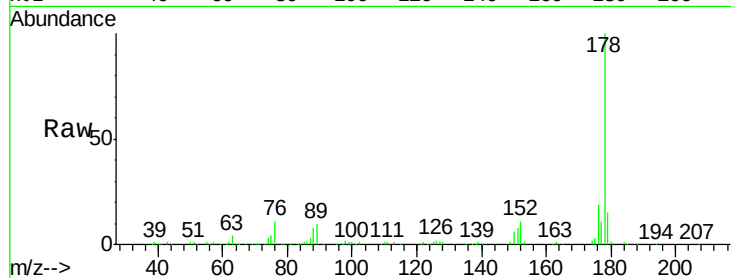
Tot Ion:178 Resp: 242700

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

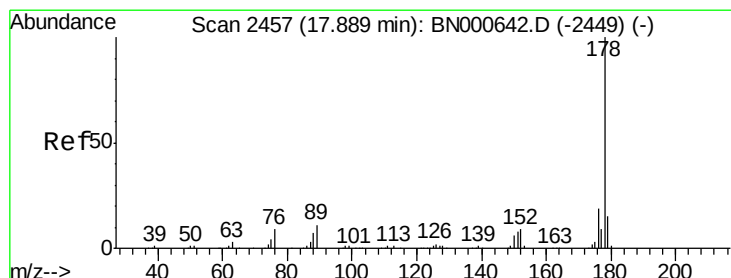
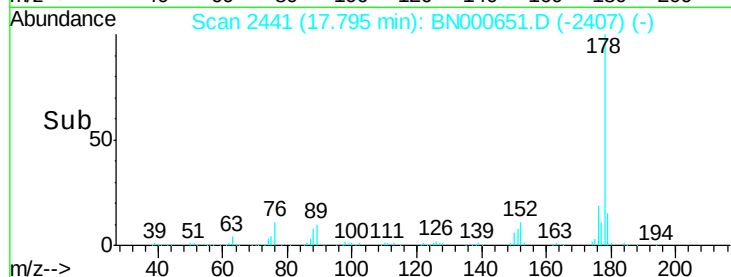
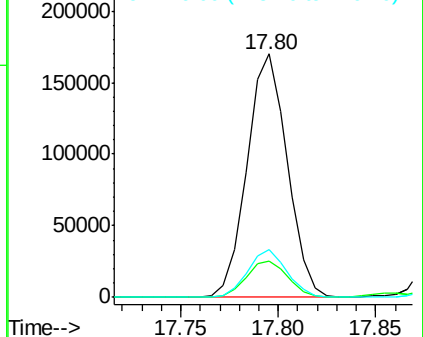
176 19.5 15.4 23.0



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



#71

Anthracene

Concen: 1.311 ng/ul

RT: 17.88 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

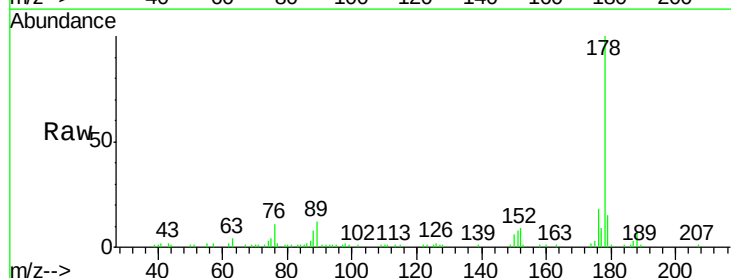
Tgt Ion:178 Resp: 65351

Ion Ratio Lower Upper

178 100

179 15.4 13.4 20.2

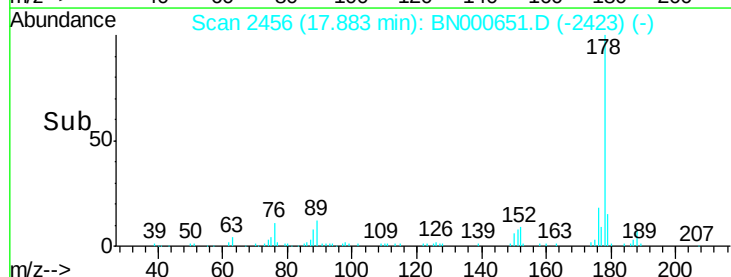
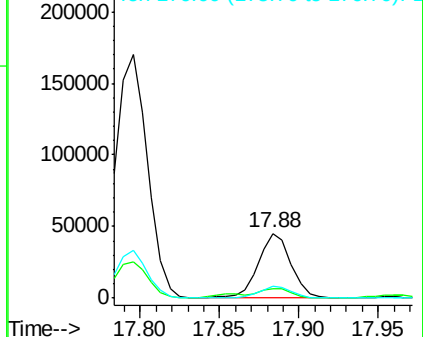
176 18.3 15.4 23.0

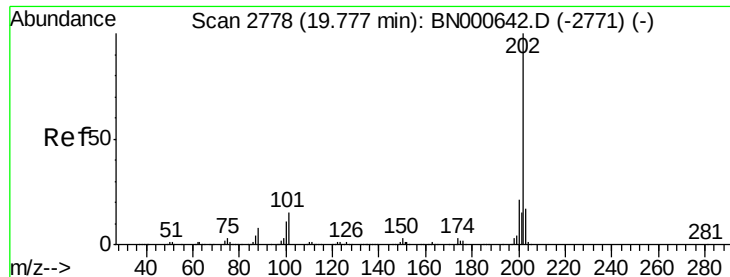


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 13.339 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

ClientSampleId :

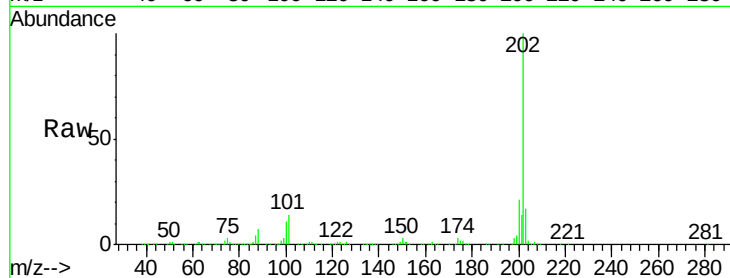
Tot Ion:202 Resp: 644205

Ion Ratio Lower Upper

202 100

101 14.1 6.1 9.1#

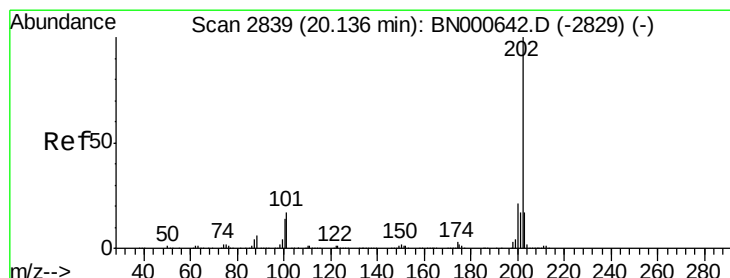
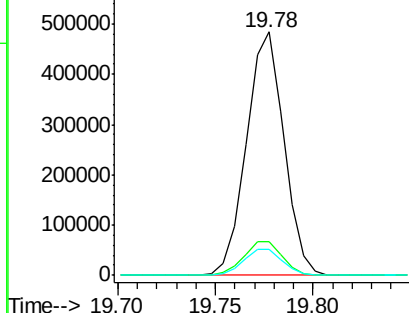
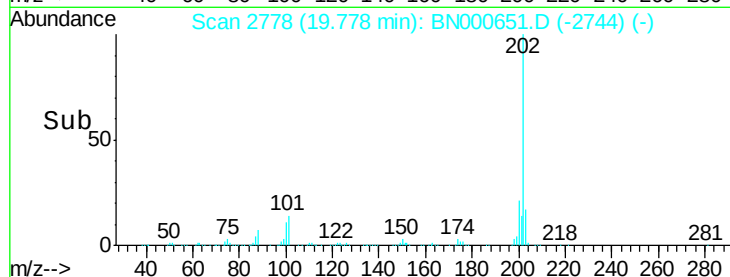
100 10.6 4.6 7.0#



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

Pyrene

Concen: 10.154 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

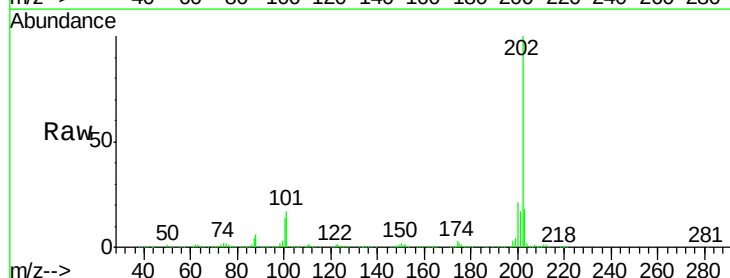
Tgt Ion:202 Resp: 532019

Ion Ratio Lower Upper

202 100

101 17.3 6.9 10.3#

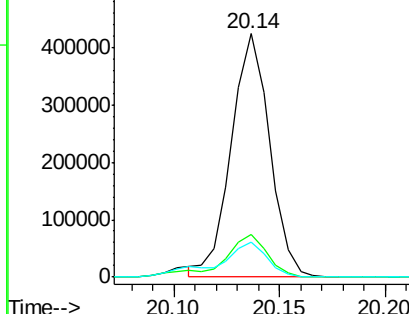
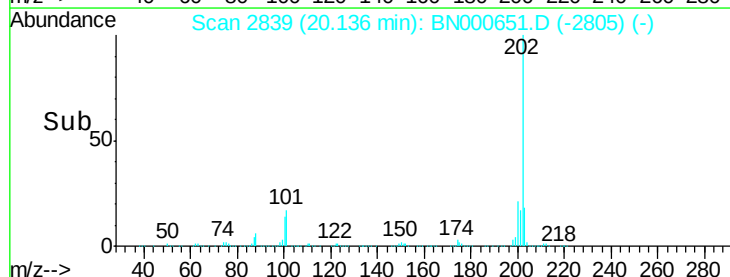
100 14.2 5.6 8.4#

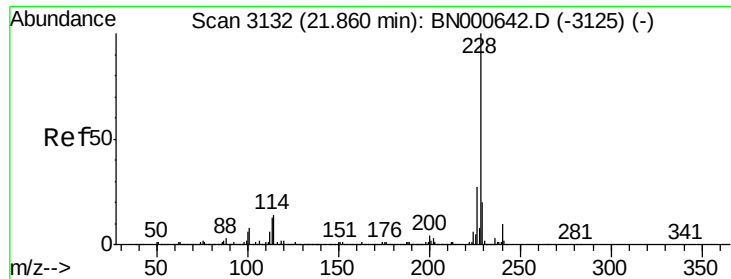


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 8.151 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

ClientSampleId :

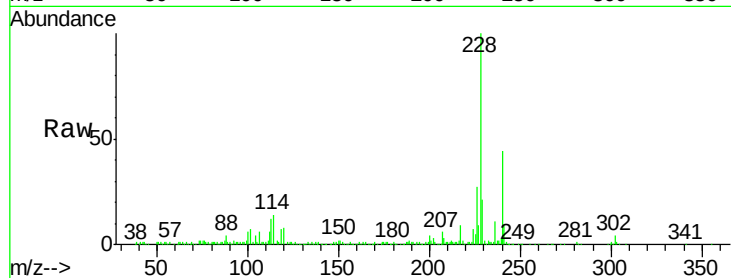
Tot Ion:228 Resp: 389566

Ion Ratio Lower Upper

228 100

229 20.5 16.0 24.0

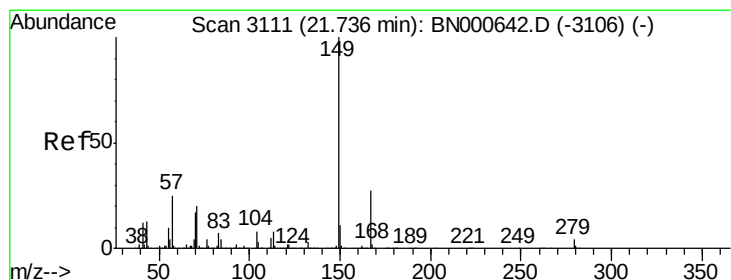
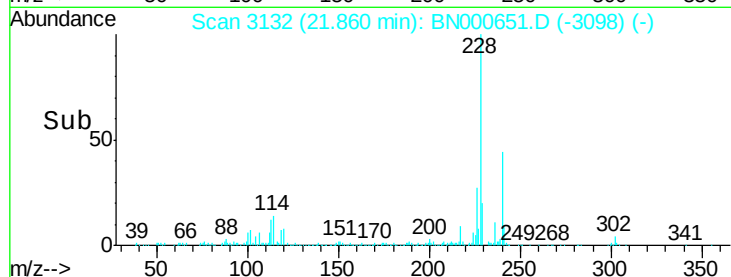
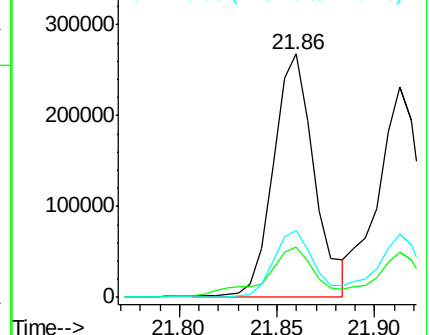
226 27.3 21.8 32.8



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: 1.092 ng/ul

RT: 21.74 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

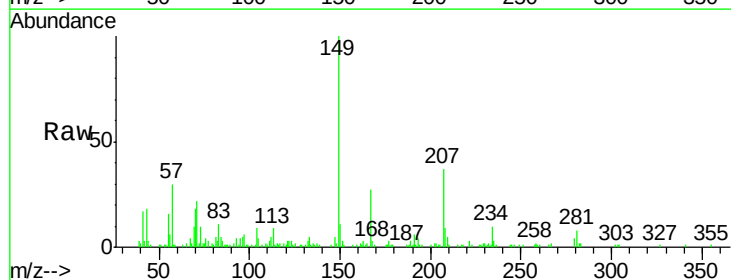
Tgt Ion:149 Resp: 41274

Ion Ratio Lower Upper

149 100

167 27.3 23.0 34.6

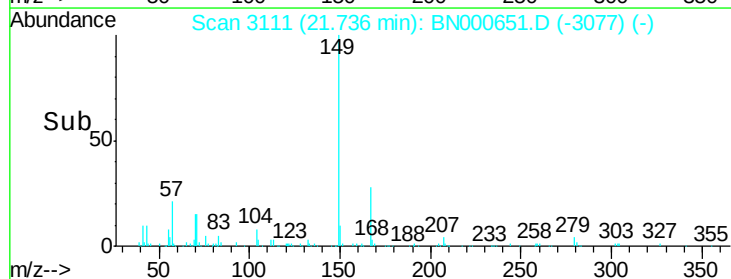
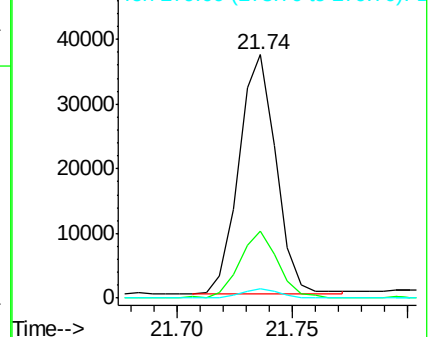
279 3.9 4.3 6.5#

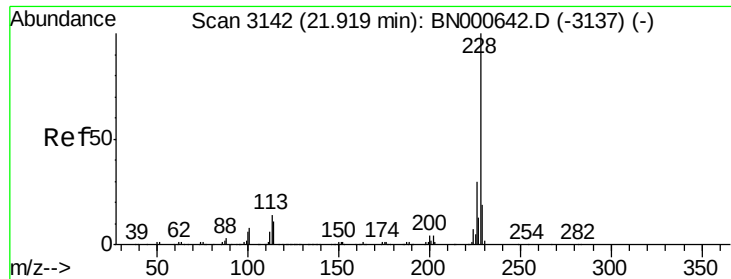


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 7.720 ng/ul

RT: 21.91 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

Instrument :

BNA_N

ClientSampleId :

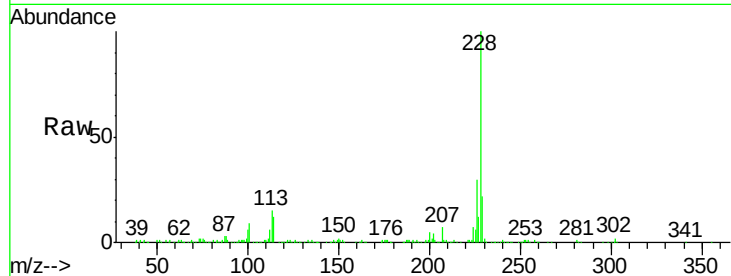
Tot Ion:228 Resp: 345905

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

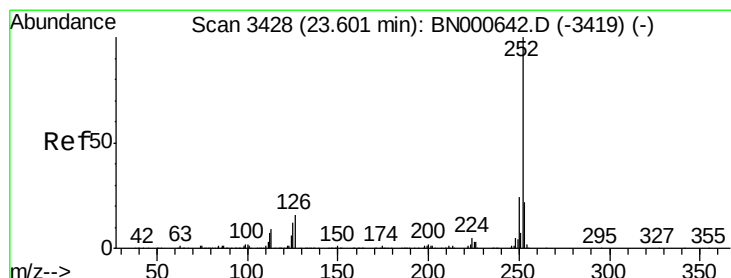
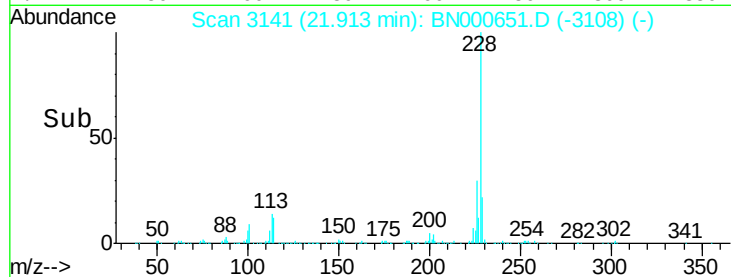
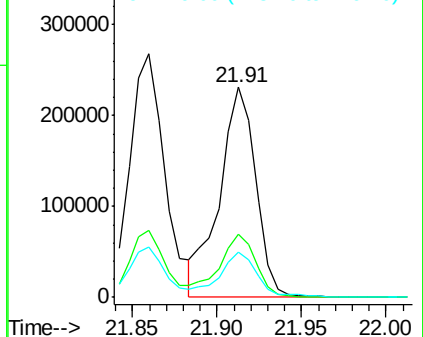
229 21.8 16.0 24.0



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: 10.046 ng/ul

RT: 23.60 min Scan# 3428

Delta R.T. 0.00 min

Lab File: BN000651.D

Acq: 27 Mar 2018 17:37

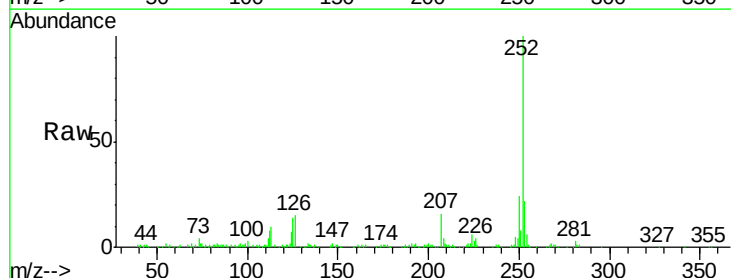
Tgt Ion:252 Resp: 355752

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

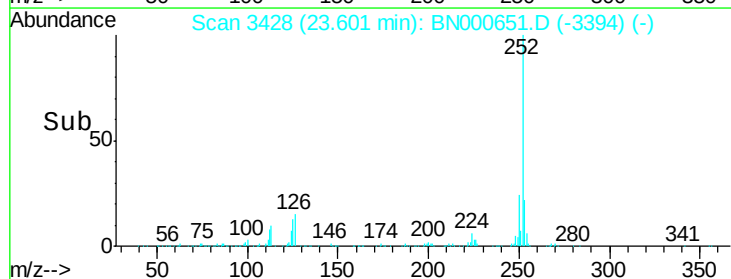
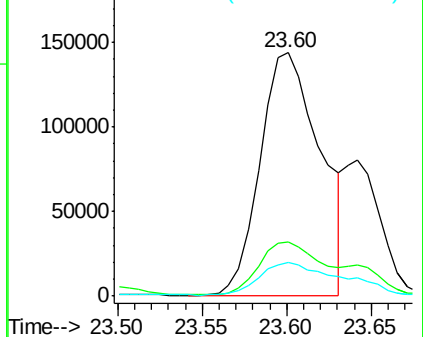
125 13.7 4.9 7.3#

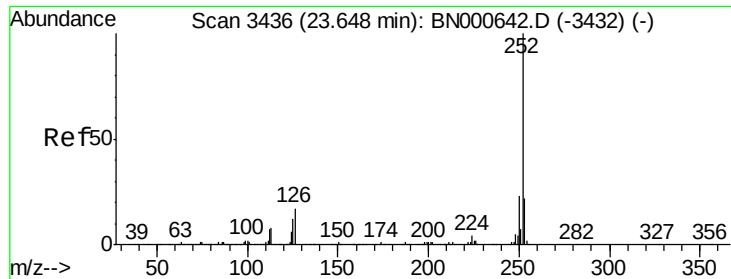


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

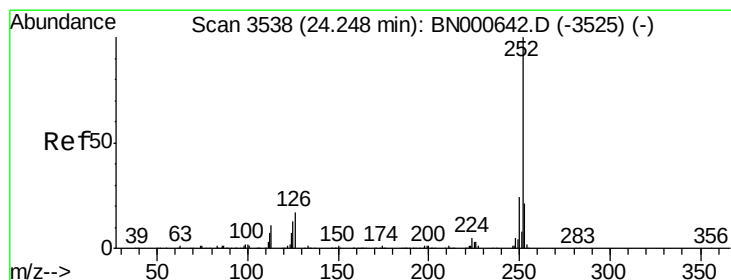
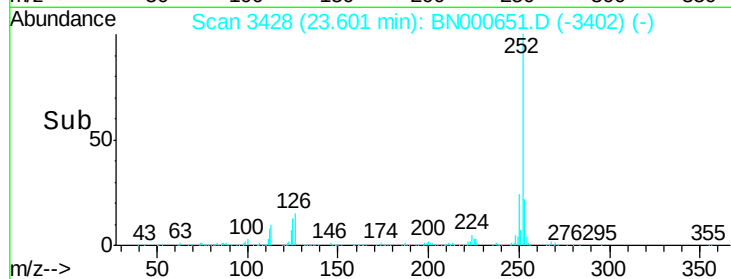
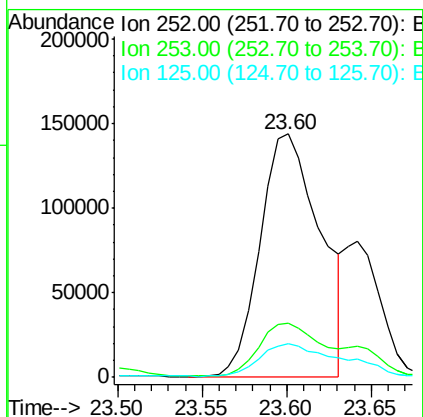
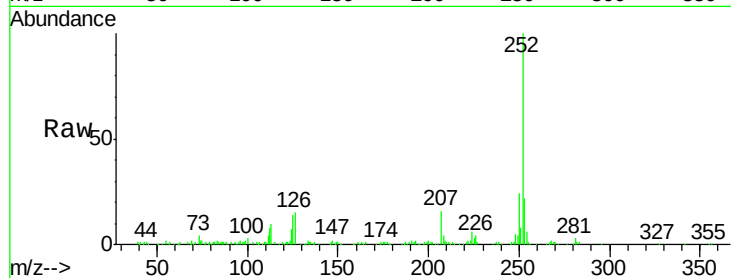




#86
Benzo(k)fluoranthene
Concen: 10.406 ng/ul
RT: 23.60 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

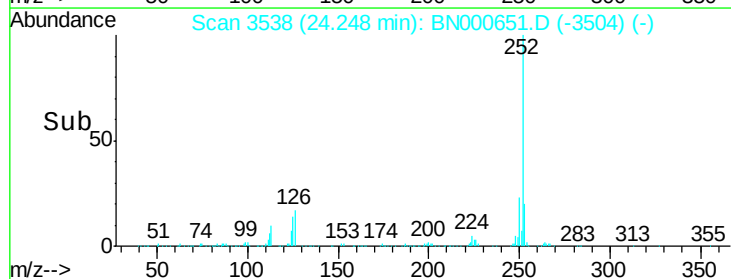
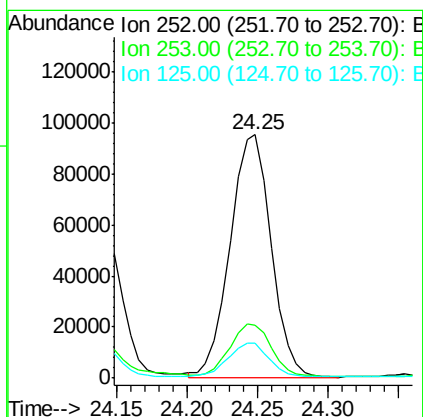
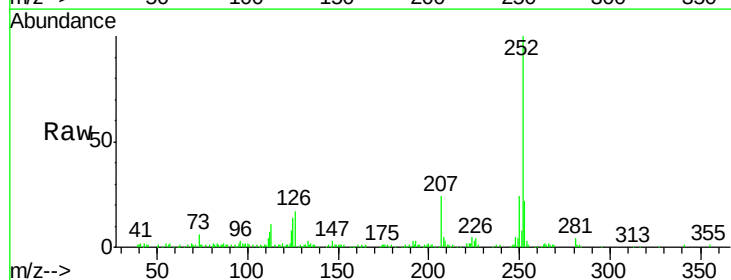
Instrument :
BNA_N
ClientSampleId :

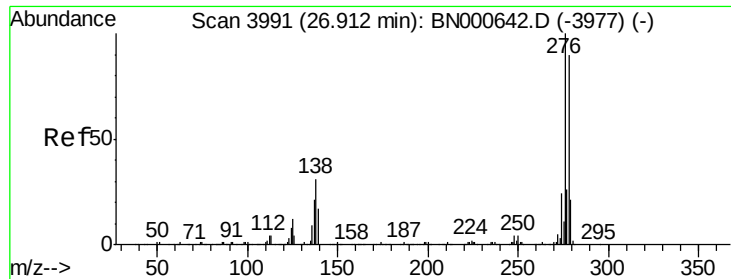
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.7	5.4	8.0



#88
Benzo(a)pyrene
Concen: 5.786 ng/ul
RT: 24.25 min Scan# 3538
Delta R.T. 0.00 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	14.5	5.8	8.6



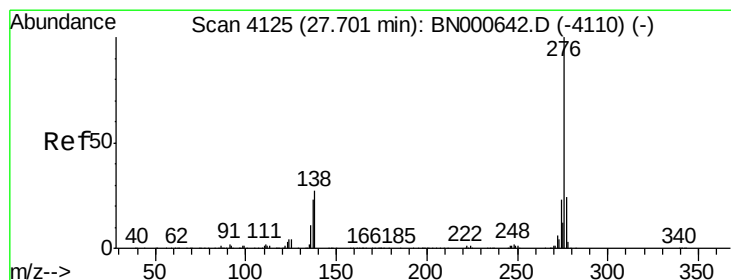
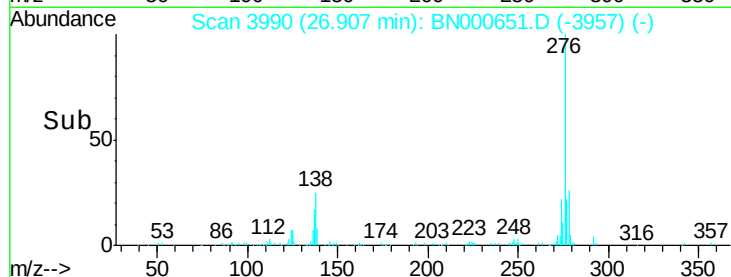
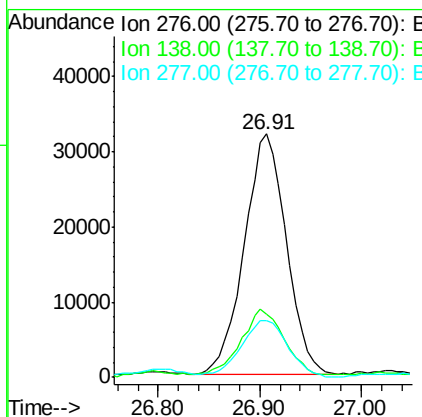
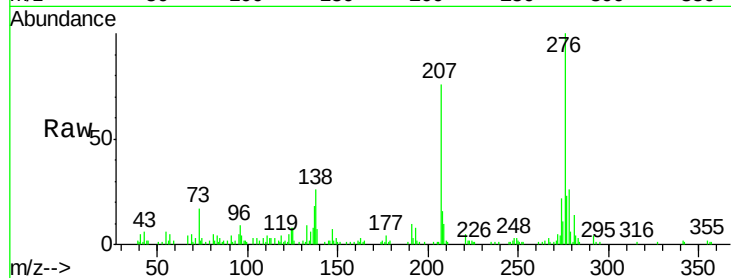


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.584 ng/ul
RT: 26.91 min Scan# 3990
Delta R.T. -0.01 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	10.9	16.3#
277	23.3	18.9	28.3



#91

Benzo(g,h,i)perylene
Concen: 2.758 ng/ul
RT: 27.69 min Scan# 4124
Delta R.T. -0.01 min
Lab File: BN000651.D
Acq: 27 Mar 2018 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	11.2	16.8#
277	26.0	19.0	28.6

