

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 01:15:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	64676	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	307610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	224219	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	604254	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	739289	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	895404	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2713	2.35	ng/uL	0.00
5) Phenol-d5	6.78	99	50887	10.18	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	34968	13.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	47370	11.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	37520	8.78	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	25246	11.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.44	143	26138	10.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	38888	7.90	ng/ul	0.04
29) 4-Chloroaniline-d4	10.51	131	31522	5.77	ng/ul	0.04
43) Dimethylphthalate-d6	13.62	166	225726	13.08	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	256348	12.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	3810	1.57	ng/ul	0.06
57) Fluorene-d10	15.20	176	203194	13.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12973	3.57	ng/ul	0.02
70) Anthracene-d10	17.06	188	333669	12.78	ng/ul	0.00
78) Pyrene-d10	19.37	212	427784	11.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	504595	12.56	ng/ul	0.01

Target Compounds

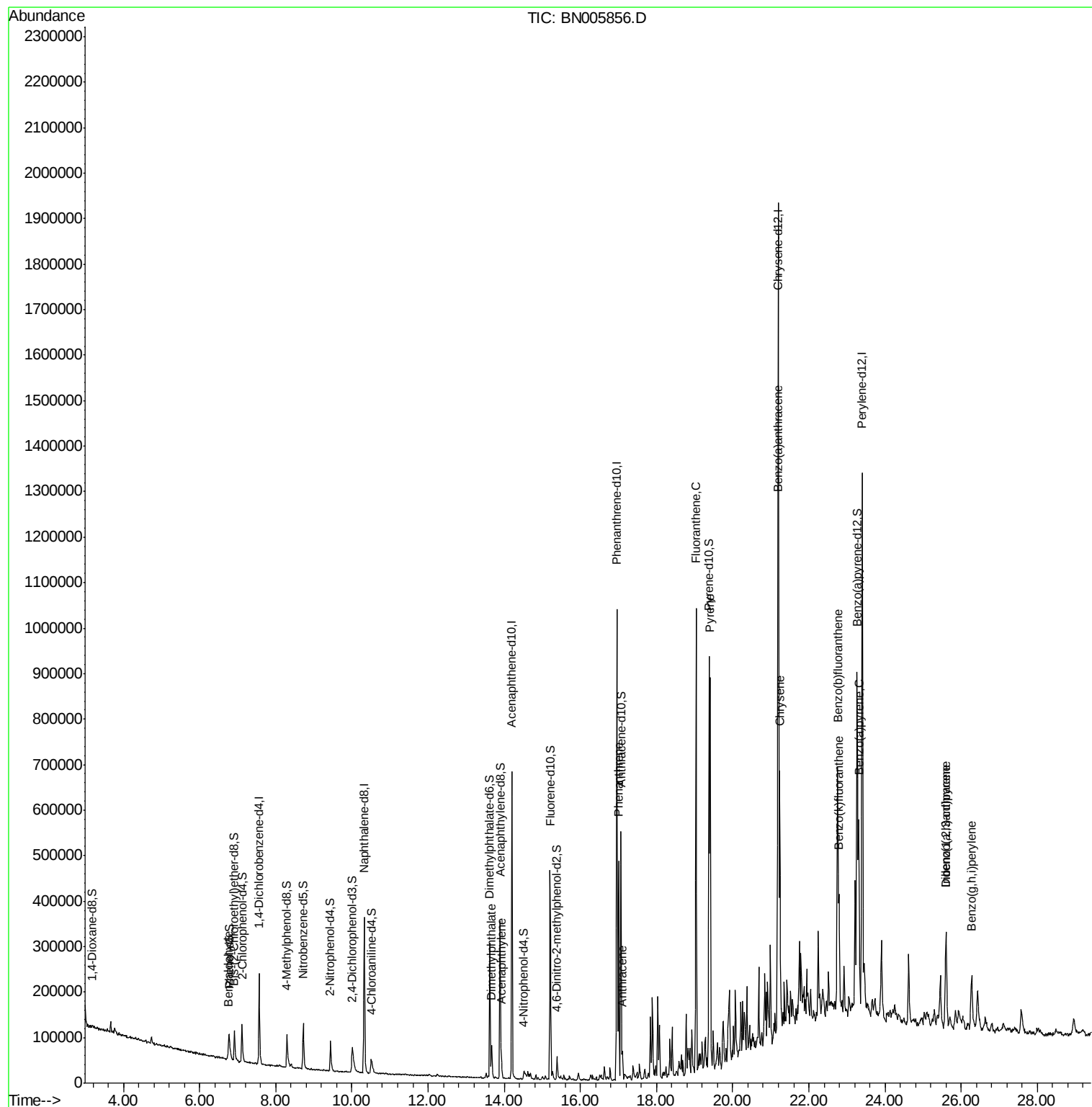
					Ovalue	
4) Benzaldehyde	6.75	77	5672	1.568	ng/ul	95
44) Dimethylphthalate	13.67	163	51117	3.005	ng/ul	99
47) Acenaphthylene	13.92	152	46800	2.319	ng/ul	97
69) Phenanthrene	17.00	178	299004	9.983	ng/ul	100
71) Anthracene	17.10	178	45617	1.496	ng/ul	97
76) Fluoranthene	19.04	202	594328	16.049	ng/ul#	88
79) Pyrene	19.40	202	558860	12.310	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	306733	6.586	ng/ul	98
84) Chrysene	21.23	228	350953	7.993	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	426544	8.659	ng/ul#	96
88) Benzo(k)fluoranthene	22.79	252	160272	3.363	ng/ul#	95
90) Benzo(a)pyrene	23.31	252	292847	6.139	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	192304	3.297	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.60	278	53722	1.094	ng/ul#	90
93) Benzo(g,h,i)perylene	26.27	276	149197	3.061	ng/ul#	91

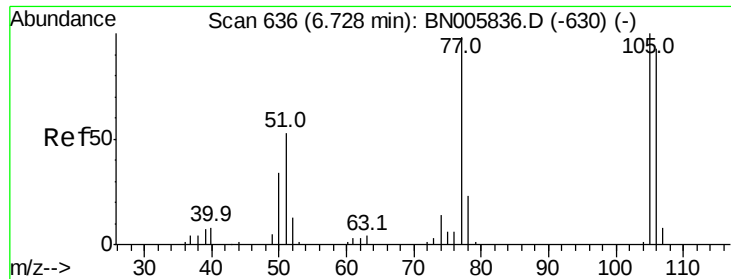
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.568 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.02 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

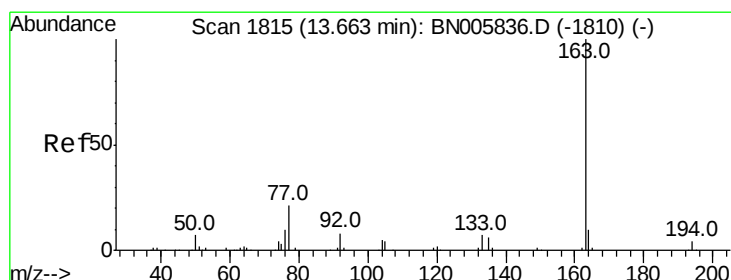
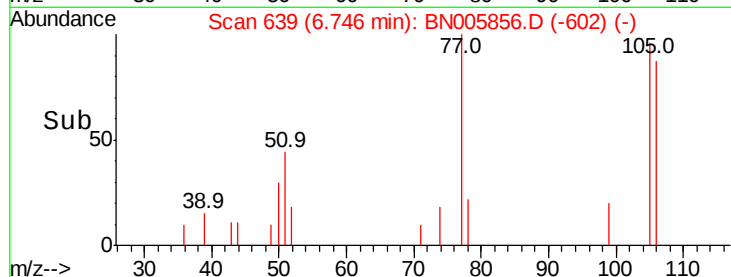
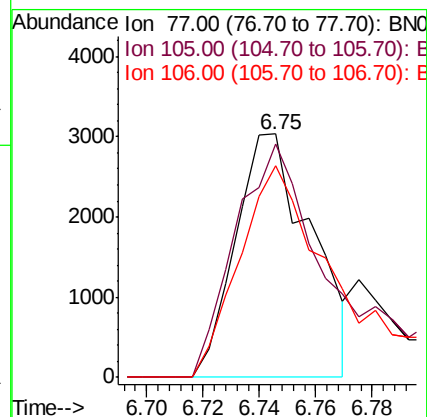
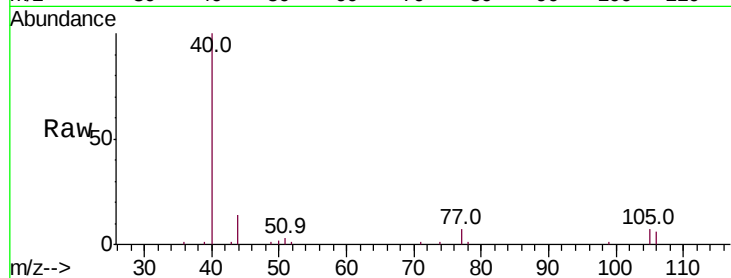
Tot Ion: 77 Resp: 5672

Ion Ratio Lower Upper

77 100

105 95.9 77.4 116.2

106 86.7 76.3 114.5



#44

Dimethylphthalate

Concen: 3.005 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

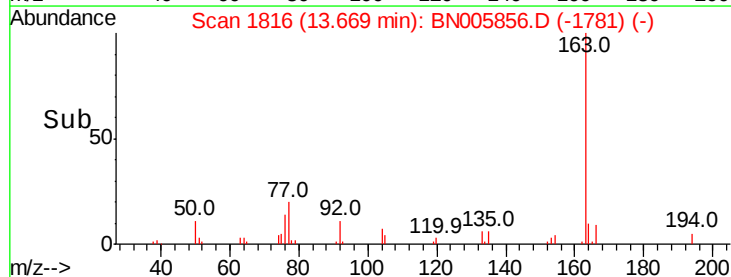
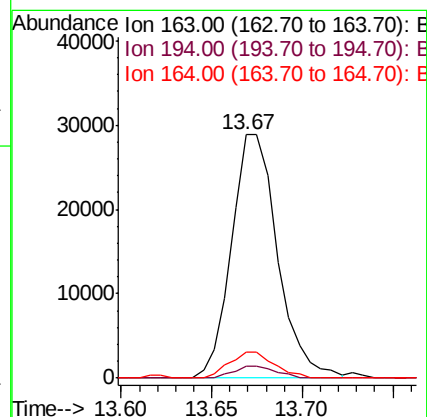
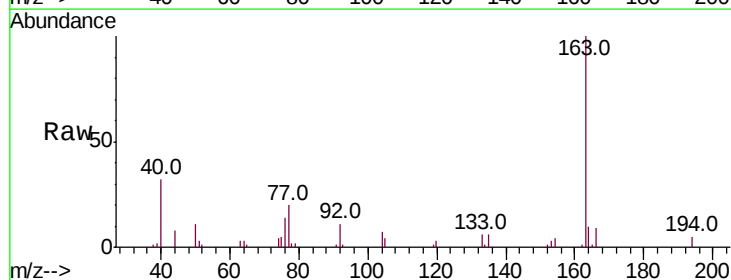
Tgt Ion: 163 Resp: 51117

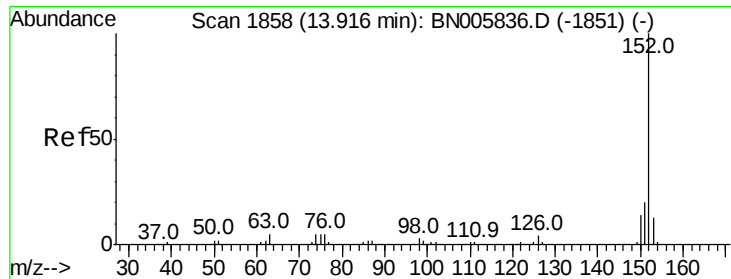
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

164 10.4 8.1 12.1





#47

Acenaphthylene

Concen: 2.319 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

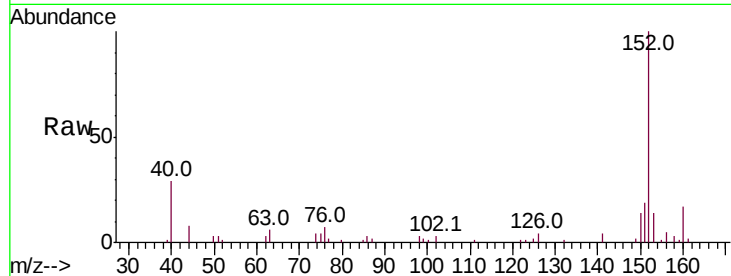
Tot Ion:152 Resp: 46800

Ion Ratio Lower Upper

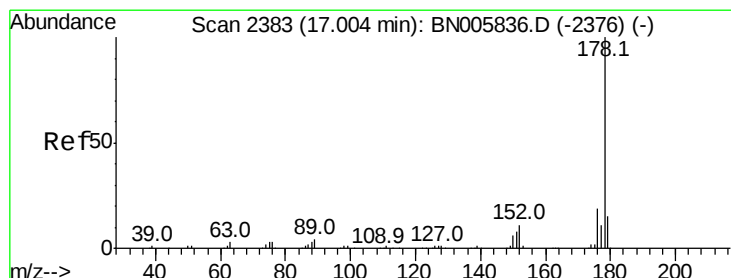
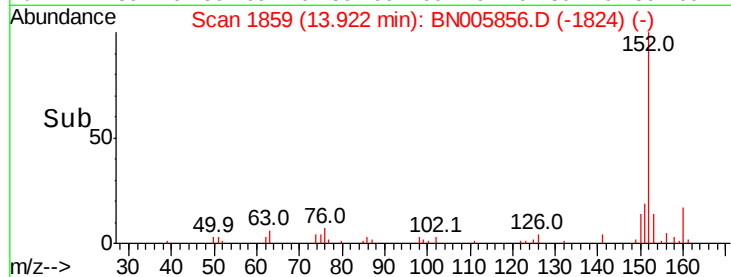
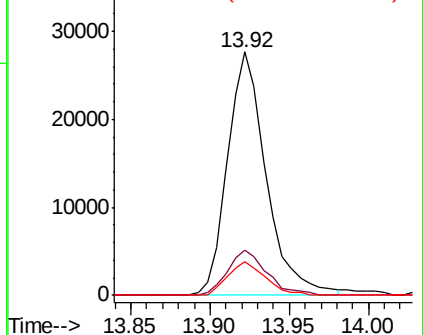
152 100

151 18.5 15.8 23.8

153 13.8 9.8 14.8



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: 9.983 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

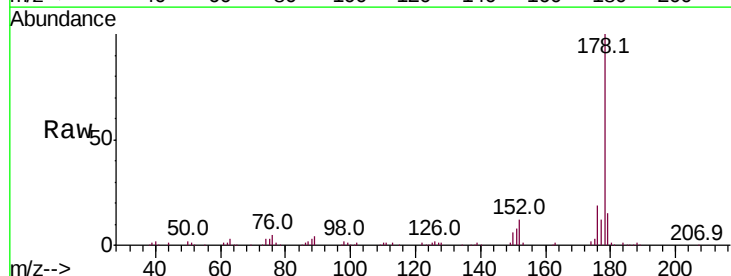
Tgt Ion:178 Resp: 299004

Ion Ratio Lower Upper

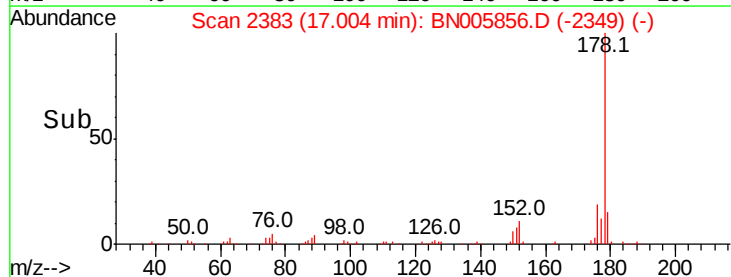
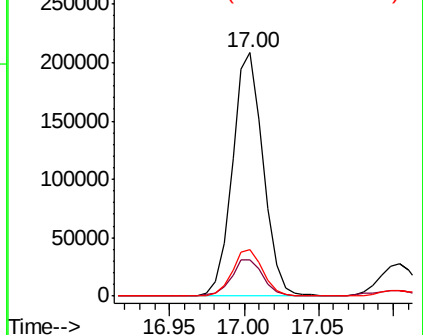
178 100

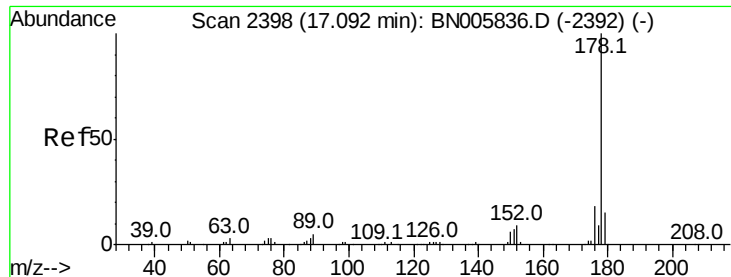
179 14.9 12.2 18.4

176 19.0 15.1 22.7



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: 1.496 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

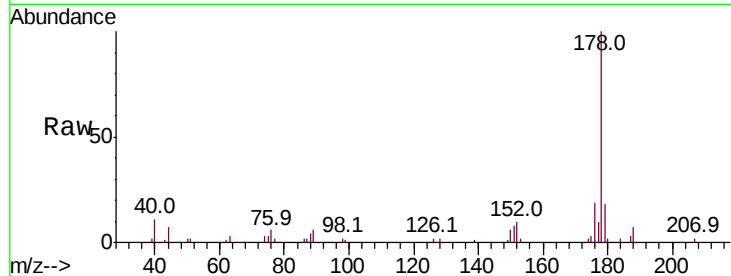
Tot Ion:178 Resp: 45617

Ion Ratio Lower Upper

178 100

179 17.7 12.3 18.5

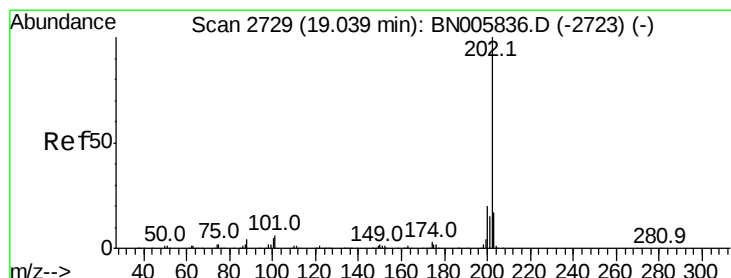
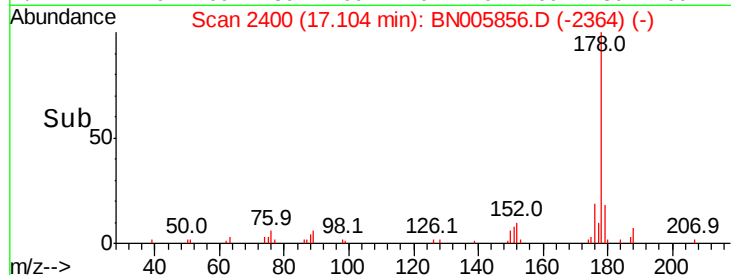
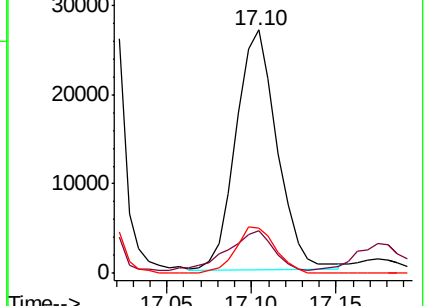
176 18.6 15.1 22.7



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: 16.049 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

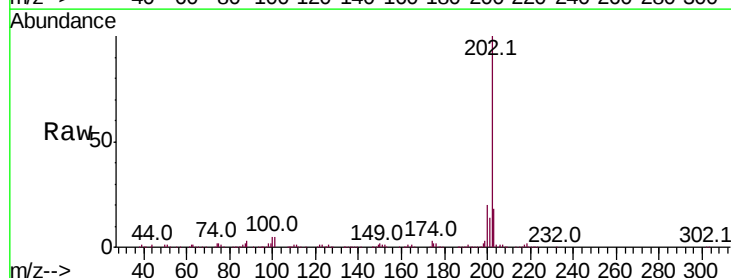
Tgt Ion:202 Resp: 594328

Ion Ratio Lower Upper

202 100

101 5.5 8.6 12.8#

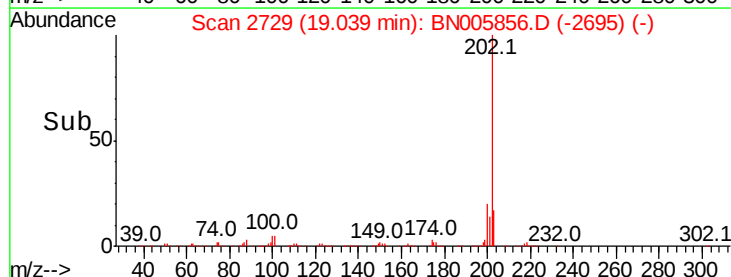
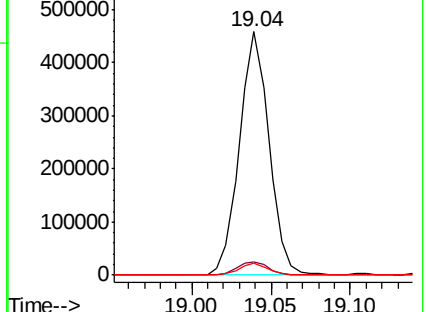
100 4.7 6.3 9.5#

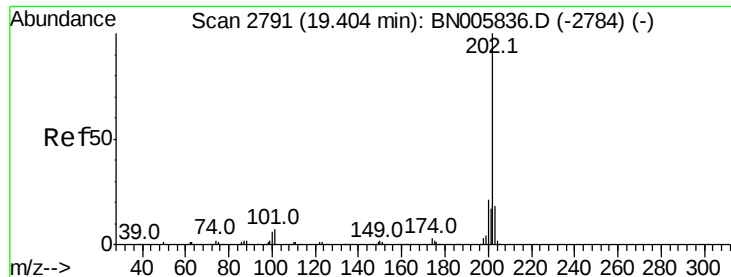


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

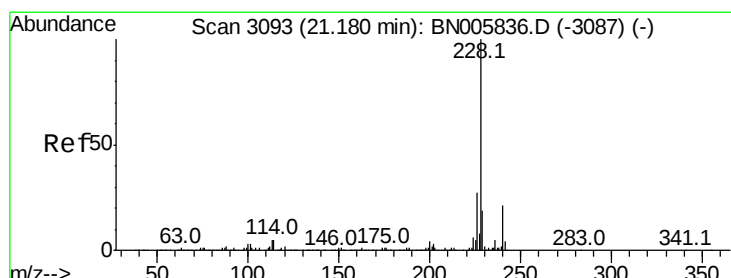
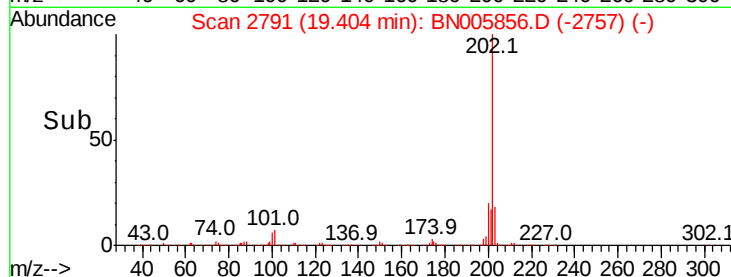
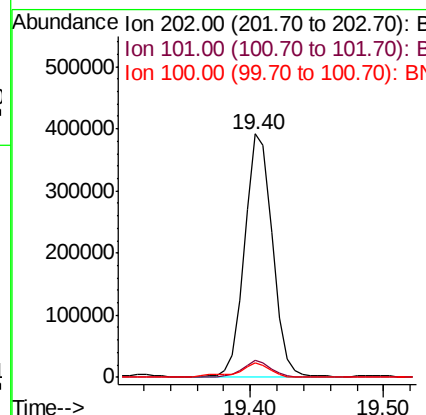
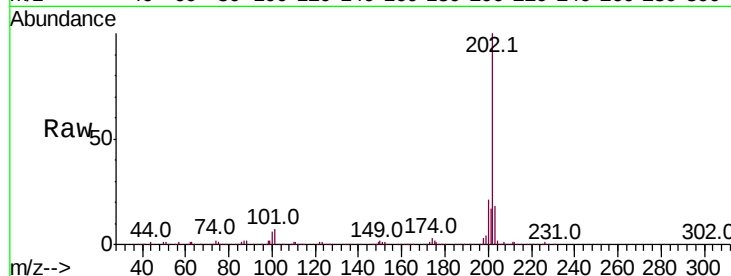




#79
Pvrene
Concen: 12.310 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN005856.D
Acq: 22 May 2019 18:17

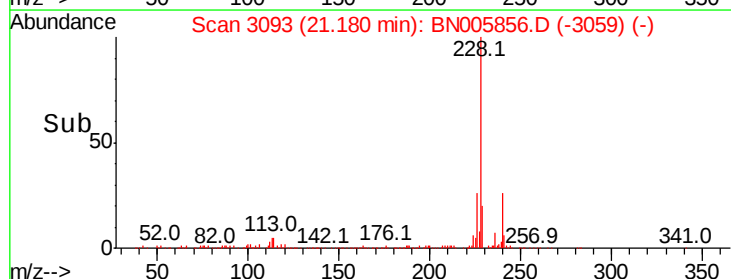
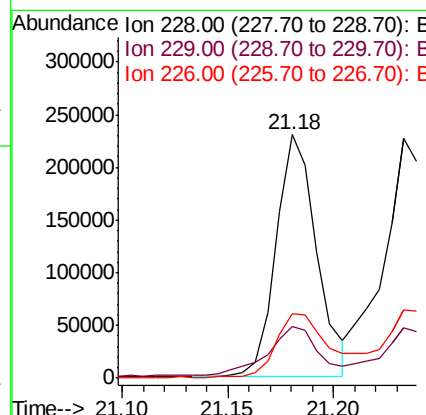
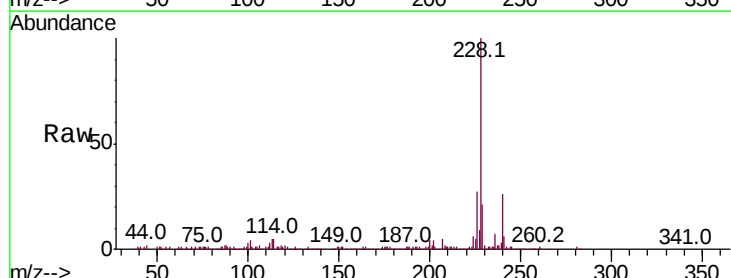
Instrument :
BNA_N
ClientSampled :

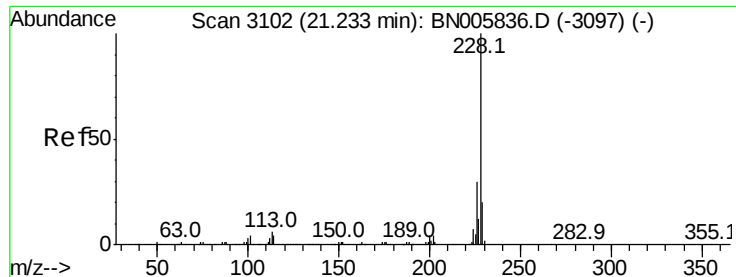
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	10.3	15.5#
100	5.8	7.9	11.9#



#82
Benzo(a)anthracene
Concen: 6.586 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN005856.D
Acq: 22 May 2019 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	26.6	21.4	32.2





#84

Chrysene

Concen: 7.993 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

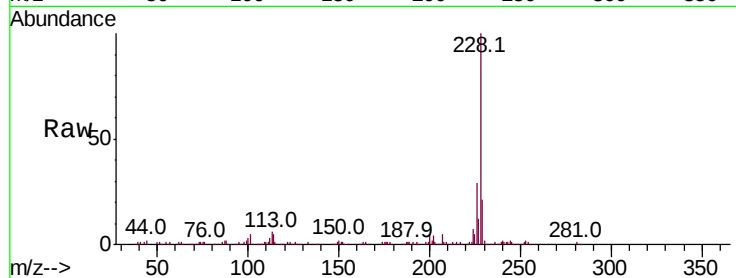
Tot Ion:228 Resp: 350953

Ion Ratio Lower Upper

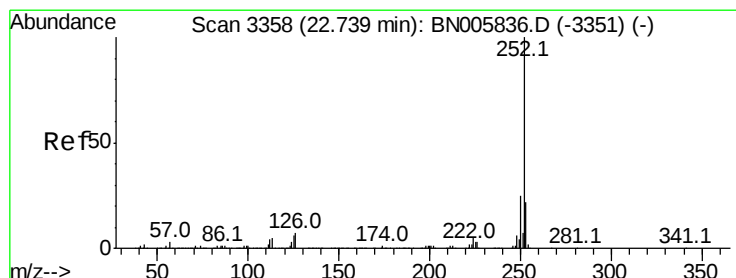
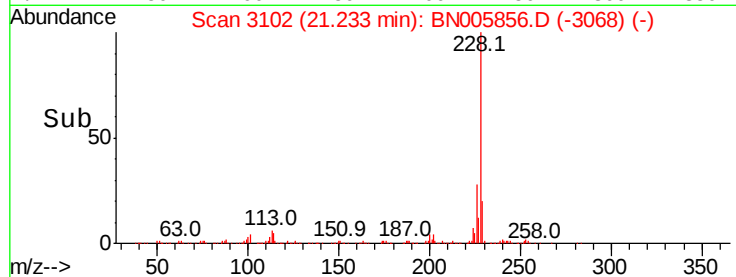
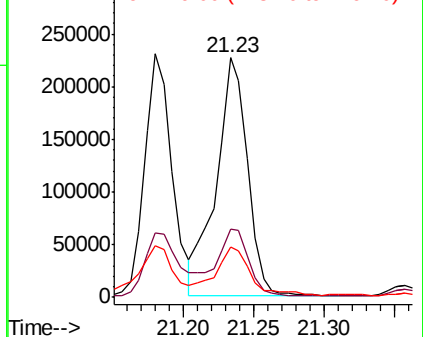
228 100

226 28.5 24.0 36.0

229 20.8 15.4 23.0



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



#87

Benzo(b)fluoranthene

Concen: 8.659 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.02 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

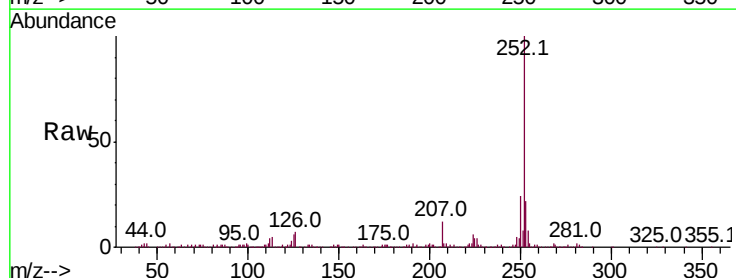
Tgt Ion:252 Resp: 426544

Ion Ratio Lower Upper

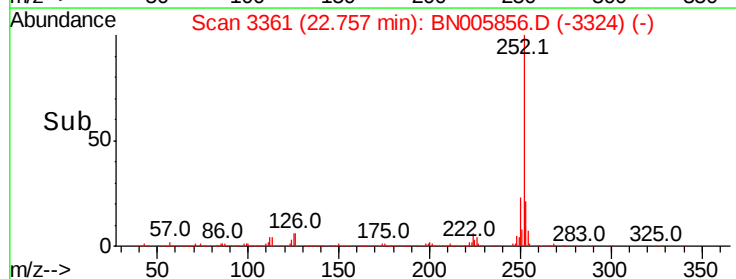
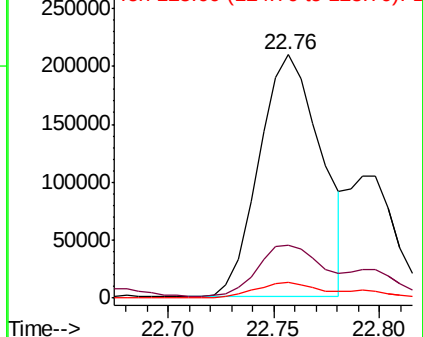
252 100

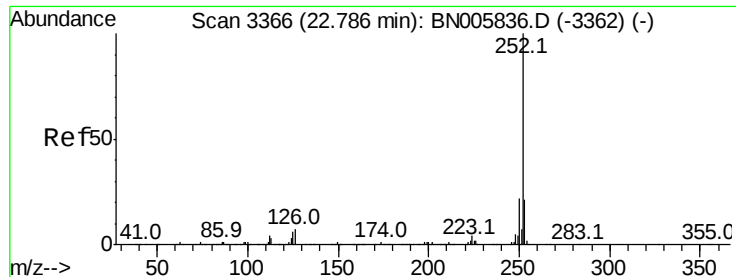
253 22.0 17.7 26.5

125 6.4 8.4 12.6#



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





#88

Benzo(k)fluoranthene

Concen: 3.363 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

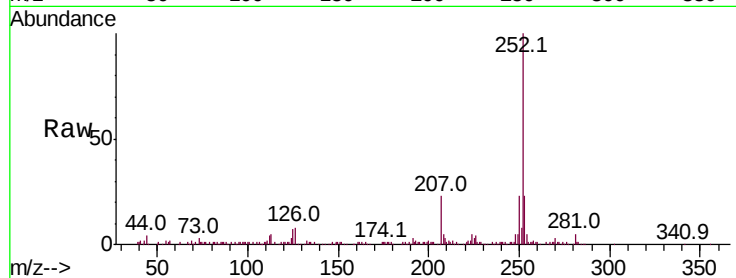
Tot Ion:252 Resp: 160272

Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.0

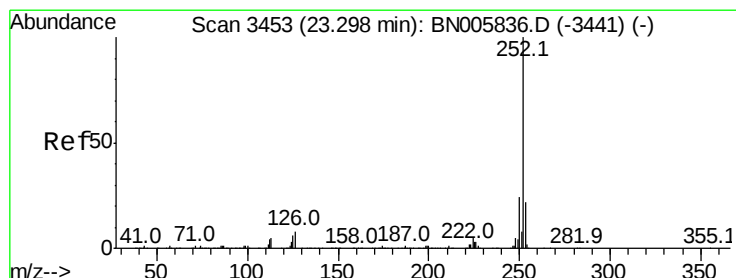
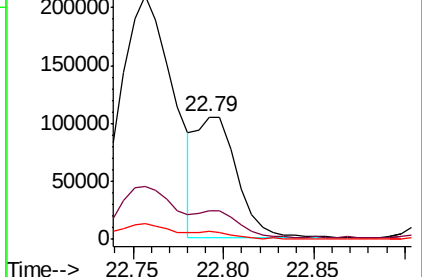
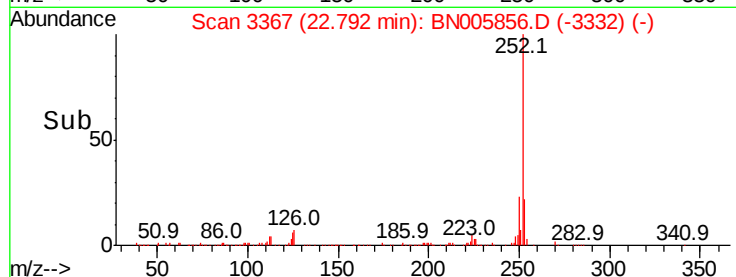
125 6.5 7.5 11.3#



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



#90

Benzo(a)pyrene

Concen: 6.139 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

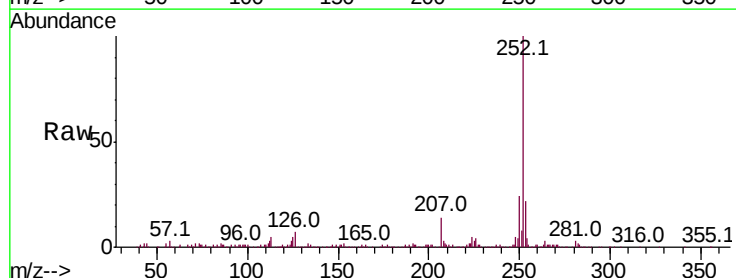
Tgt Ion:252 Resp: 292847

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

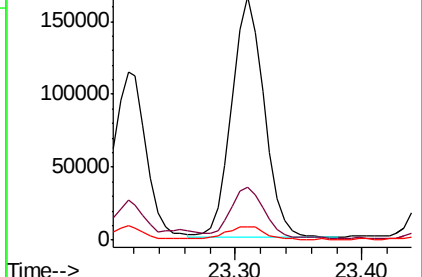
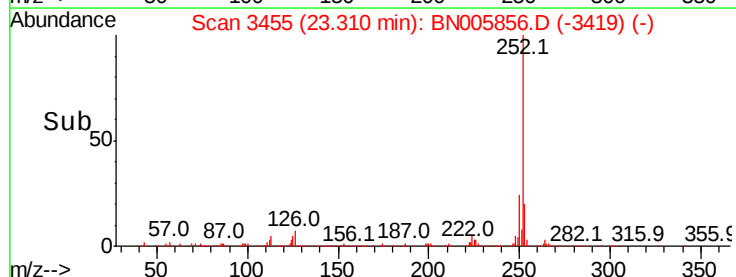
125 5.2 8.6 13.0#

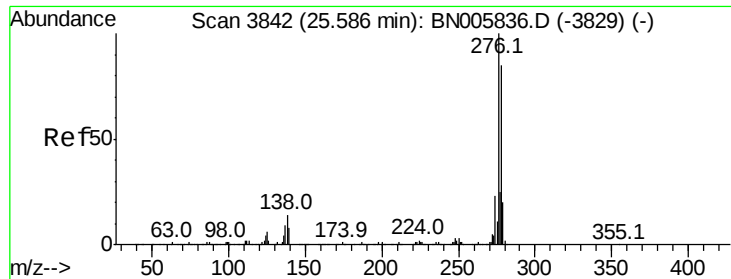


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



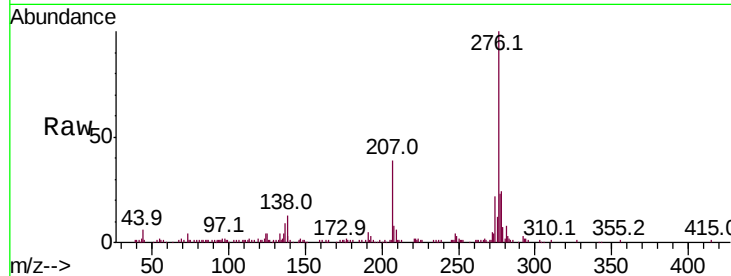


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.297 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.01 min
Lab File: BN005856.D
Acq: 22 May 2019 18:17

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	17.9	26.9#
277	22.5	19.7	29.5

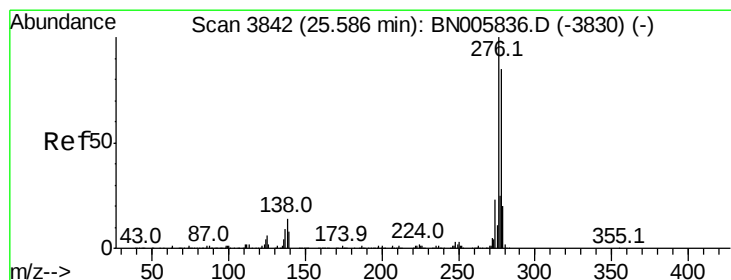
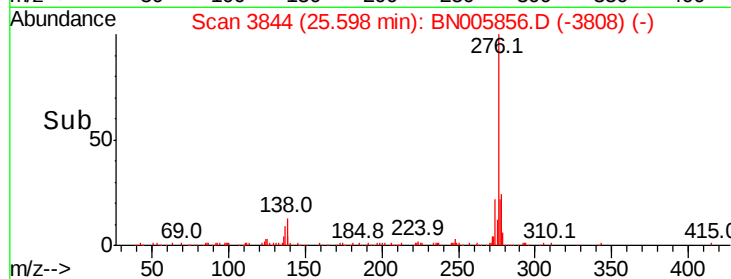
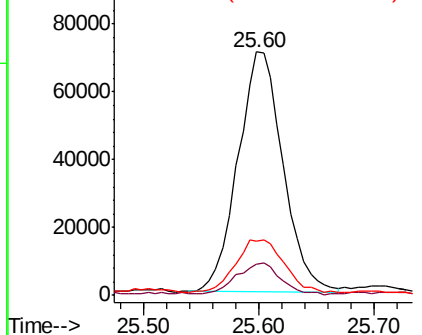


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

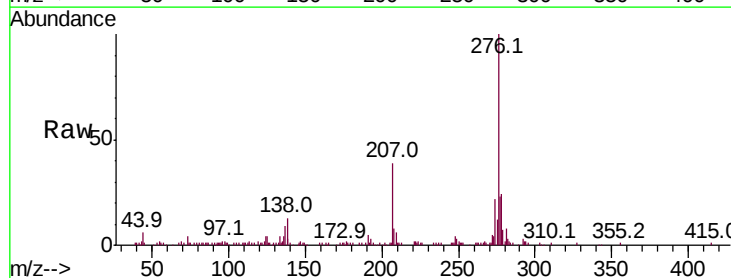
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene
Concen: 1.094 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. 0.01 min
Lab File: BN005856.D
Acq: 22 May 2019 18:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.1	19.7
279	30.7	19.4	29.0#

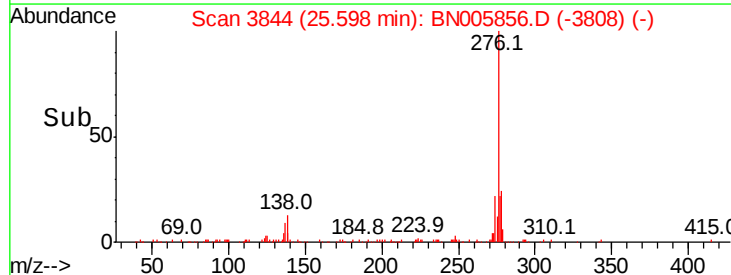
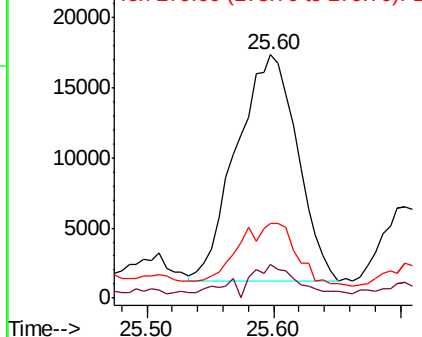


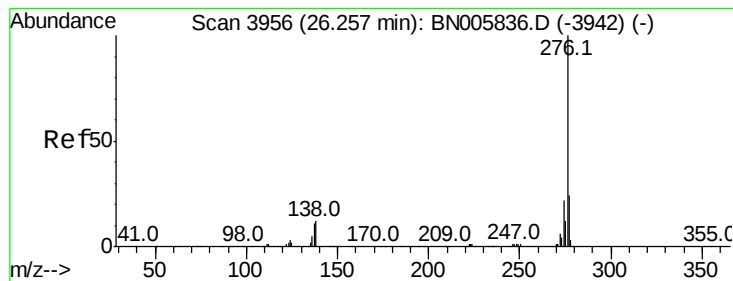
Abundance

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(a,h,i)perylene

Concen: 3.061 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 149197

Ion Ratio Lower Upper

276 100

138 12.9 16.7 25.1#

277 23.8 18.2 27.2

