

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060319\
 Data File : BN006057.D
 Acq On : 04 Jun 2019 04:06
 Operator : JU/SJ
 Sample : K2928-15DL2 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 04 04:50:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 04 04:16:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	329366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1227848	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	634210	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1269958	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1086167	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1357088	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	3814	0.54	ng/uL	0.01
5) Phenol-d5	6.91	99	51438	1.89	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	31786	2.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	44834	2.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	37071	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	19762	2.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	17582	1.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	35317	1.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	16373	0.75	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	114735	2.56	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	135297	2.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	9299	1.12	ng/ul	0.02
57) Fluorene-d10	15.38	176	96106	2.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	670	0.11	ng/ul	0.00
70) Anthracene-d10	17.24	188	135786	2.55	ng/ul	0.00
78) Pyrene-d10	19.55	212	133266	2.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	135499	2.25	ng/ul	0.00

Target Compounds

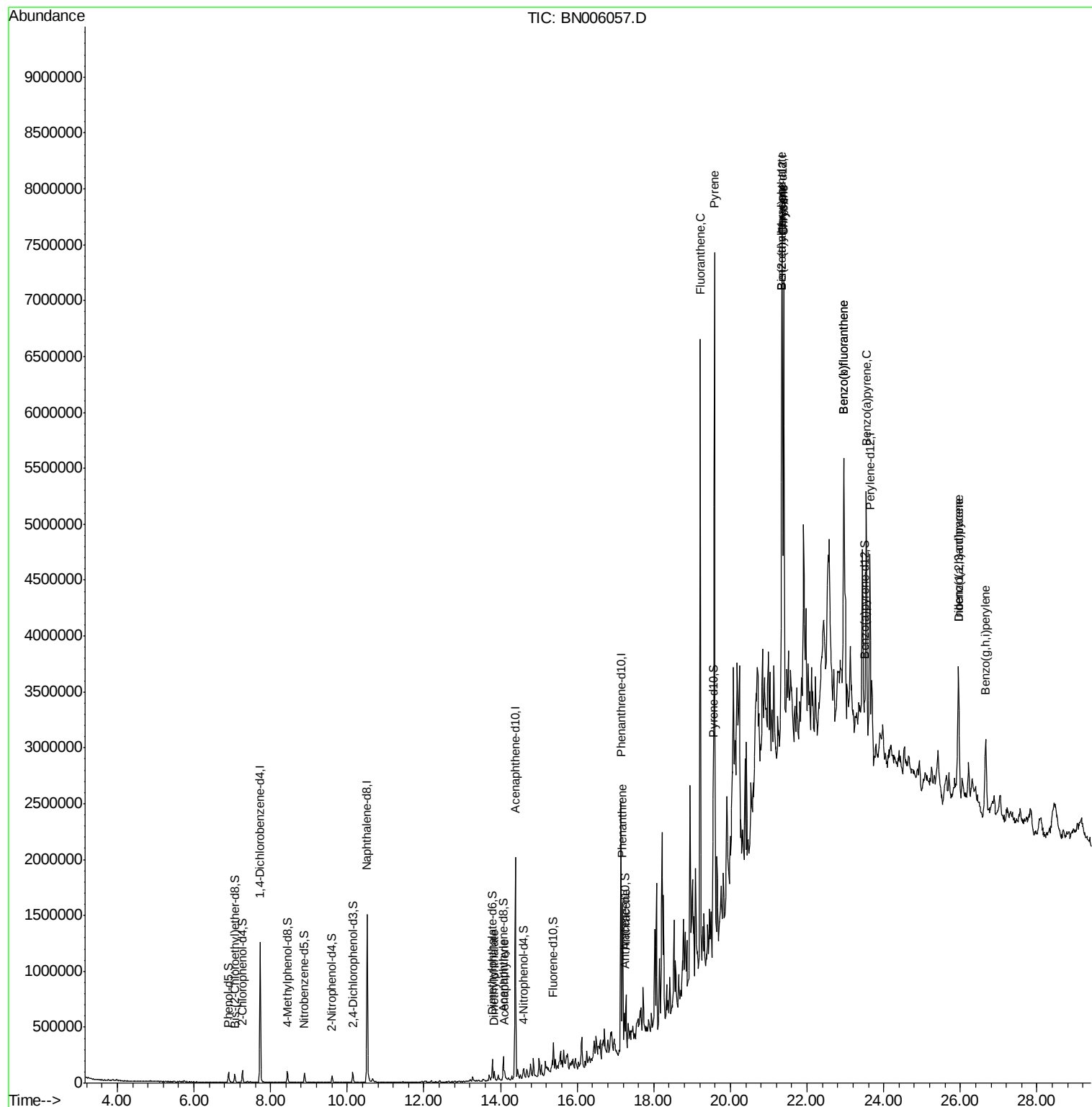
					Ovalue	
44) Dimethylphthalate	13.84	163	44789	1.009	ng/ul	97
47) Acenaphthylene	14.11	152	62611	1.104	ng/ul	99
69) Phenanthrene	17.18	178	788555	12.796	ng/ul	99
71) Anthracene	17.28	178	305692	4.885	ng/ul	98
76) Fluoranthene	19.22	202	3267333	54.479	ng/ul	98
79) Pyrene	19.58	202	3994081	51.020	ng/ul	97
82) Benzo(a)anthracene	21.34	228	2159361	32.175	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.34	149	64123	1.317	ng/ul#	94
84) Chrysene	21.39	228	2283066	35.954	ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	2184292	29.182	ng/ul	97
88) Benzo(k)fluoranthene	22.96	252	2184292	30.114	ng/ul	97
90) Benzo(a)pyrene	23.55	252	1730151	24.311	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.95	276	1045393	12.759	ng/ul	96
92) Dibenzo(a,h)anthracene	25.95	278	335483	4.857	ng/ul#	81
93) Benzo(g,h,i)perylene	26.66	276	903623	13.399	ng/ul	98

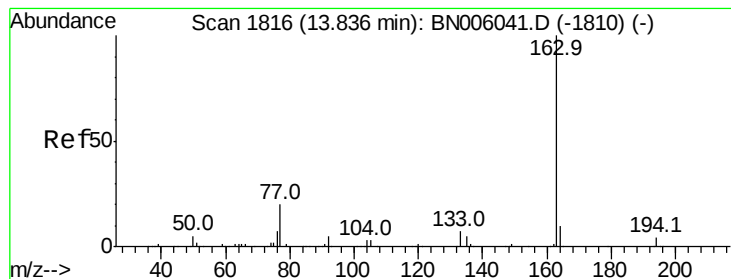
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 04:16:41 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.009 ng/ul

RT: 13.84 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

Instrument :

BNA_N

ClientSampleId :

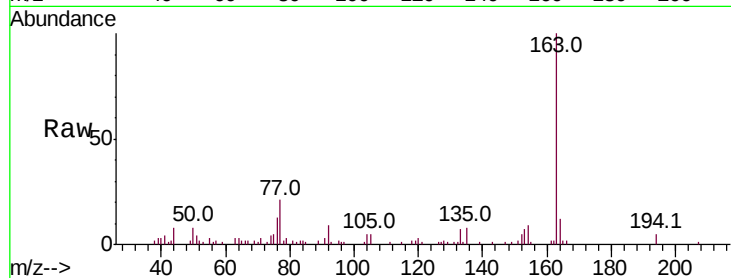
Tot Ion:163 Resp: 44789

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

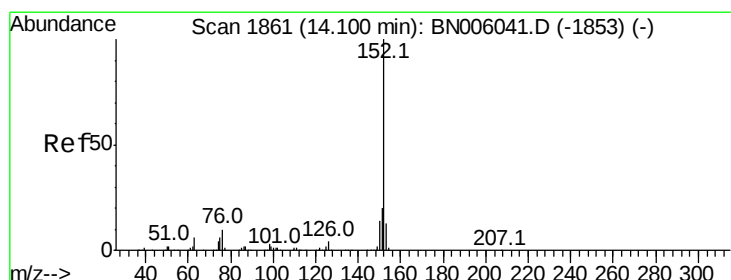
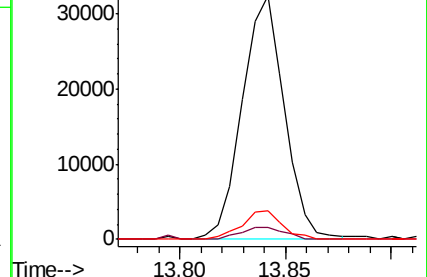
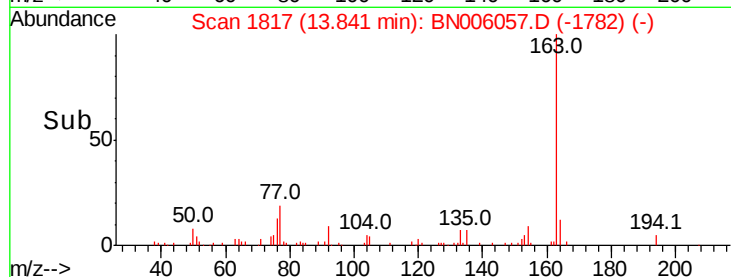
164 11.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 1.104 ng/ul

RT: 14.11 min Scan# 1862

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

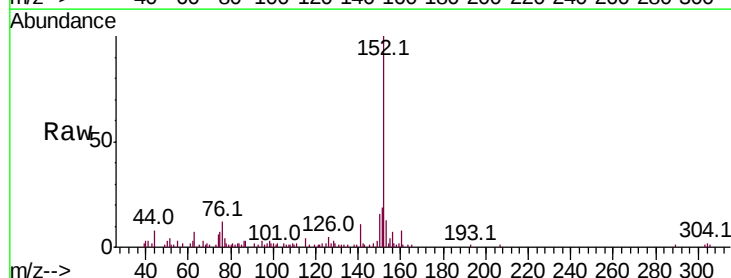
Tgt Ion:152 Resp: 62611

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.2

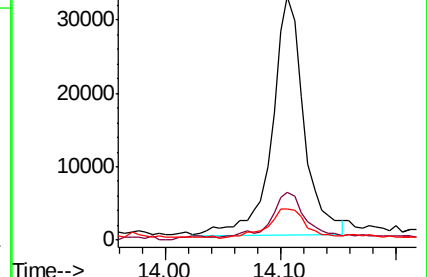
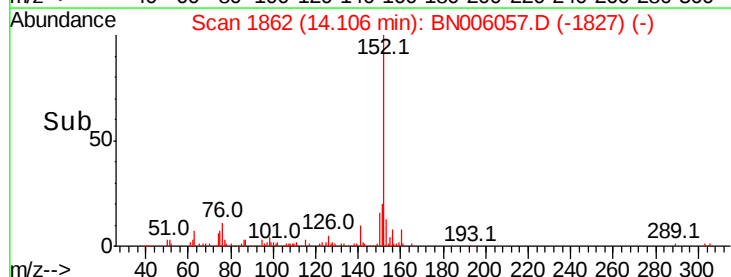
153 12.9 10.5 15.7

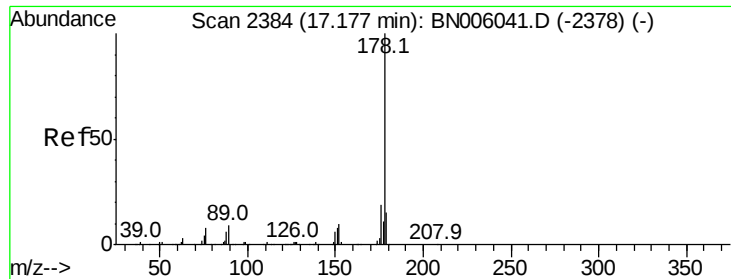


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 12.796 ng/ul

RT: 17.18 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

Instrument :

BNA_N

ClientSampleId :

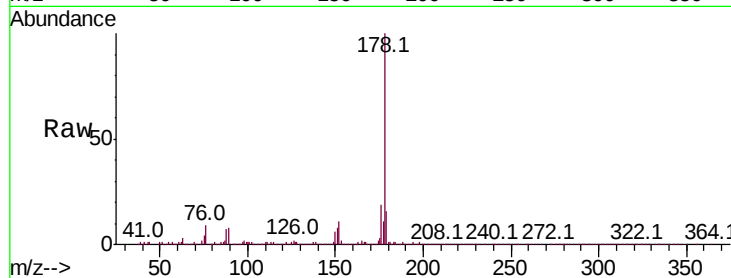
Tot Ion:178 Resp: 788555

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

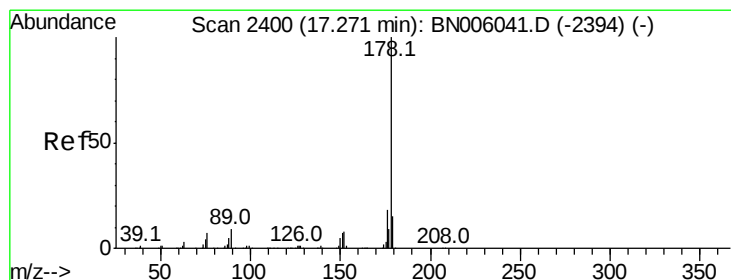
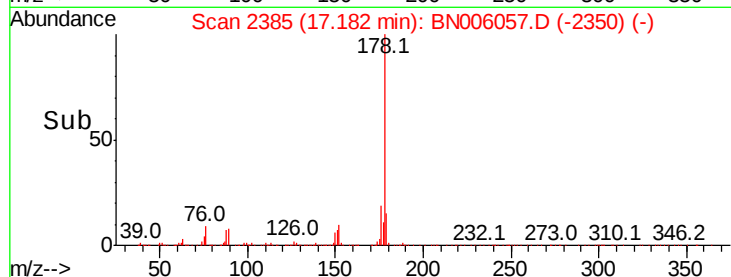
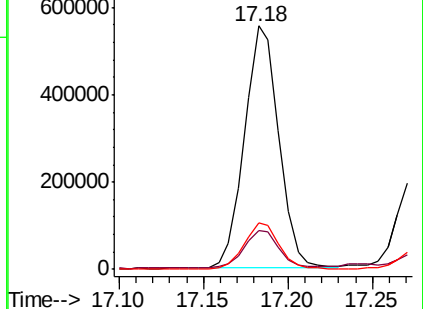
176 19.3 15.0 22.4



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



#71

Anthracene

Concen: 4.885 ng/ul

RT: 17.28 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

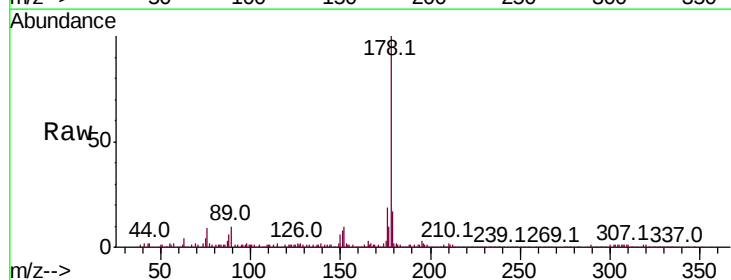
Tgt Ion:178 Resp: 305692

Ion Ratio Lower Upper

178 100

179 16.7 12.4 18.6

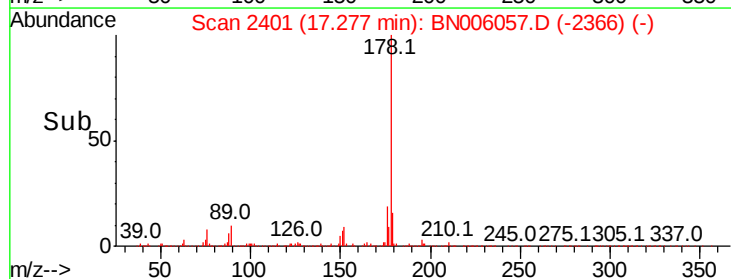
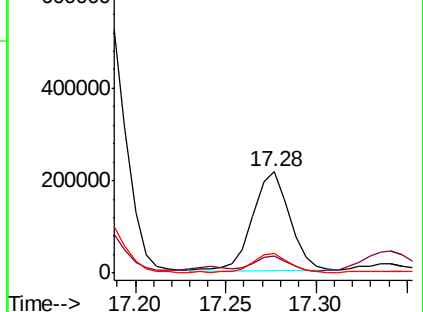
176 19.2 14.8 22.2

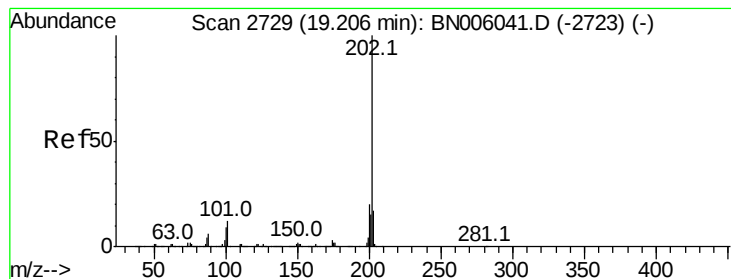


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 54.479 ng/ul

RT: 19.22 min Scan# 2731

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

Instrument :

BNA_N

ClientSampleId :

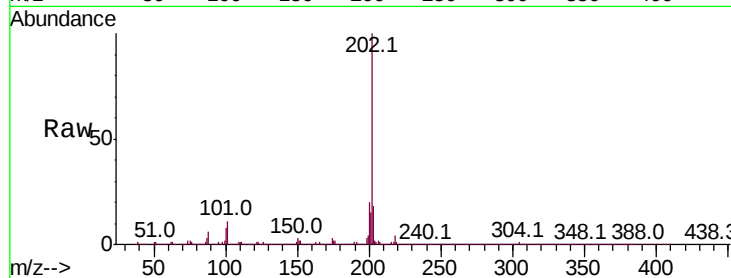
Tot Ion:202 Resp: 3267333

Ion Ratio Lower Upper

202 100

101 11.2 9.6 14.4

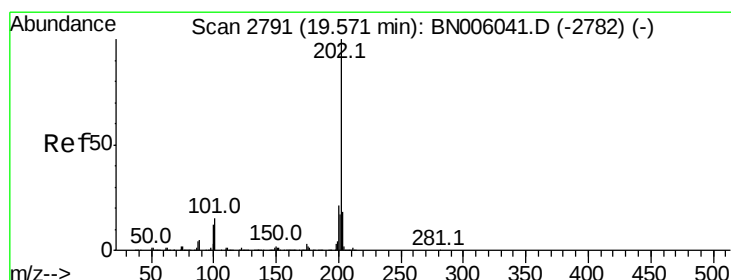
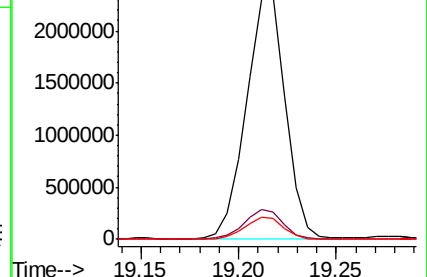
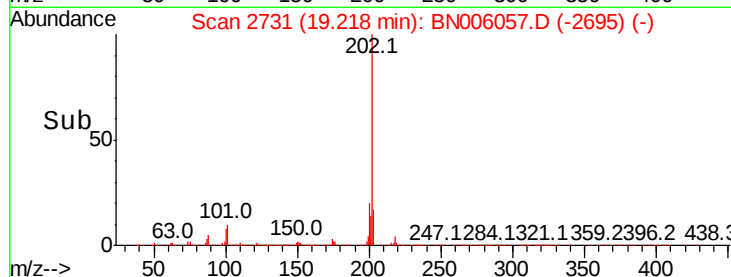
100 8.4 7.1 10.7



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



#79

Pyrene

Concen: 51.020 ng/ul

RT: 19.58 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

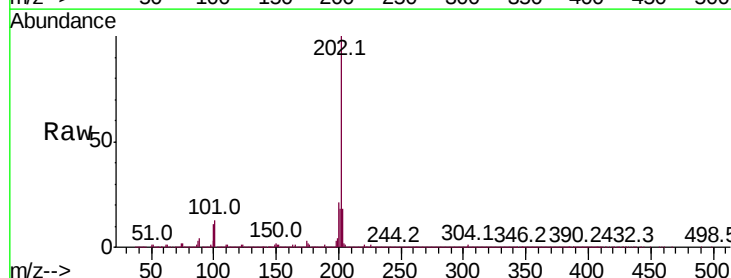
Tgt Ion:202 Resp: 3994081

Ion Ratio Lower Upper

202 100

101 13.1 11.6 17.4

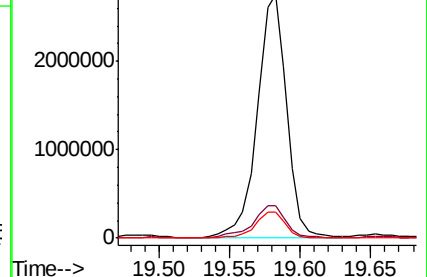
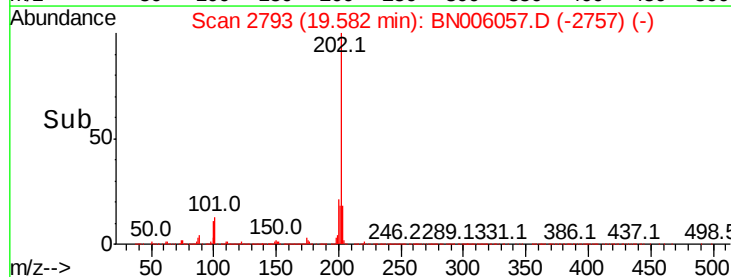
100 10.6 9.4 14.2

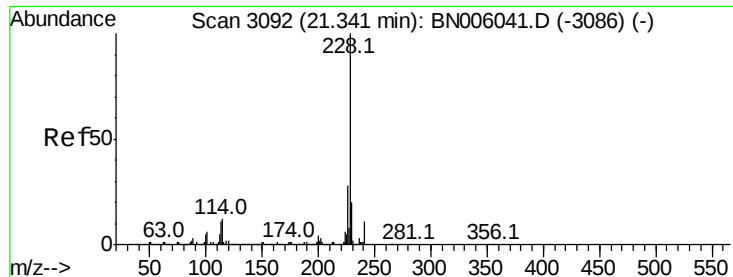


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 32.175 ng/ul

RT: 21.34 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

Instrument :

BNA_N

ClientSampleId :

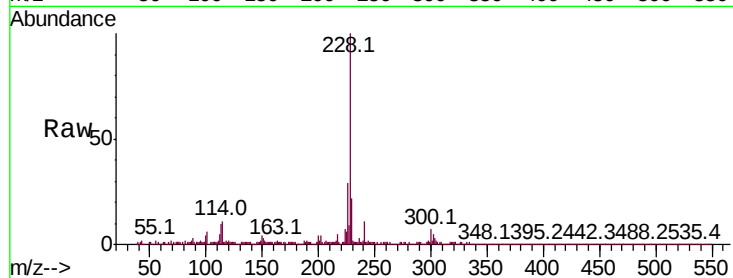
Tot Ion:228 Resp: 2159361

Ion Ratio Lower Upper

228 100

229 21.9 15.8 23.8

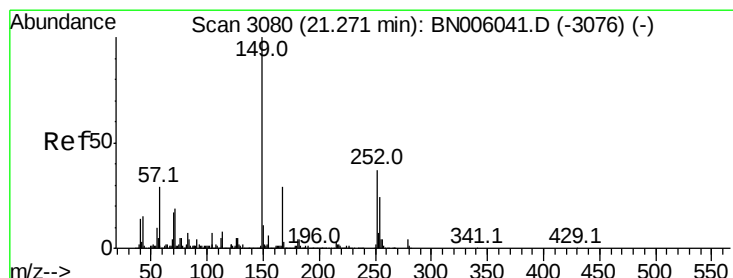
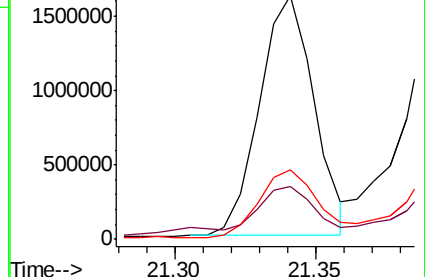
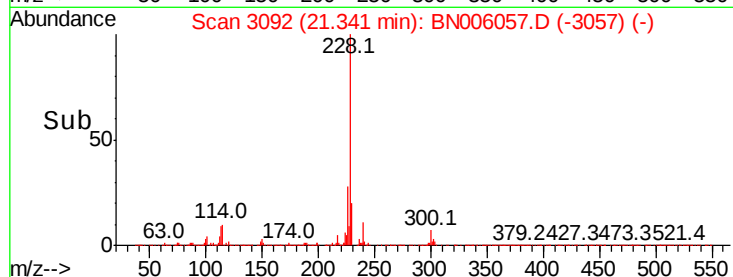
226 28.6 21.6 32.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.317 ng/ul

RT: 21.34 min Scan# 3091

Delta R.T. 0.06 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

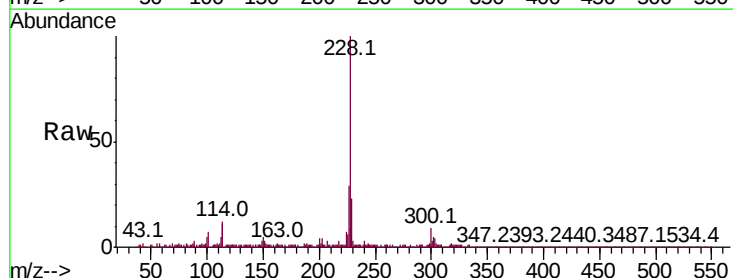
Tgt Ion:149 Resp: 64123

Ion Ratio Lower Upper

149 100

167 26.3 22.5 33.7

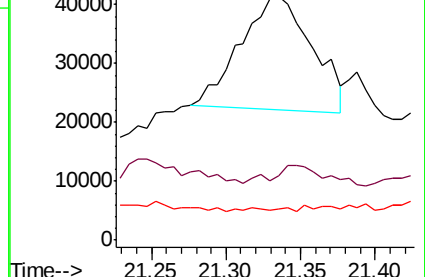
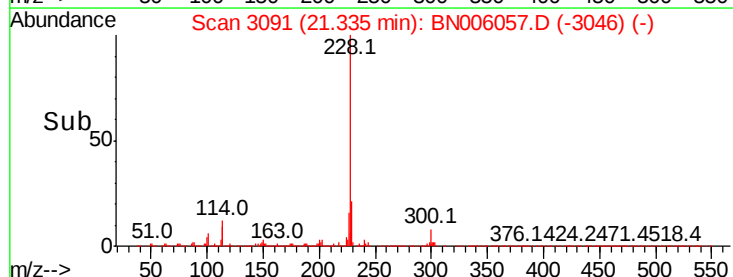
279 12.8 3.6 5.4#

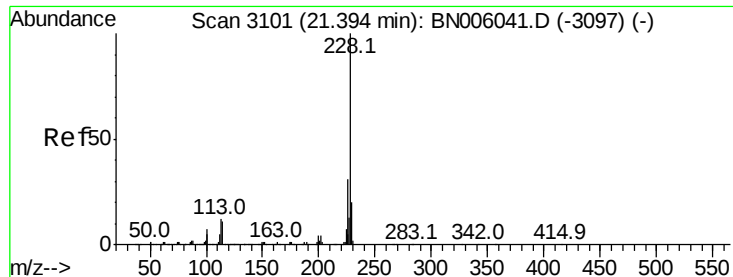


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 35.954 ng/ul

RT: 21.39 min Scan# 3101

Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

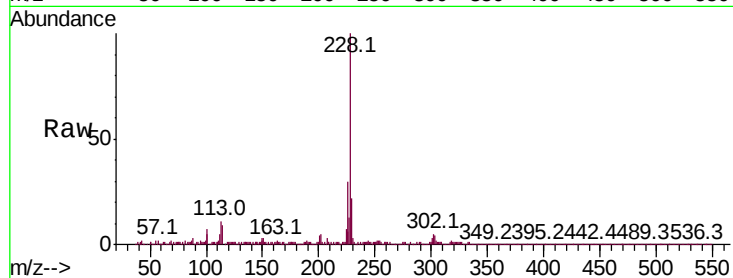
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 2283066

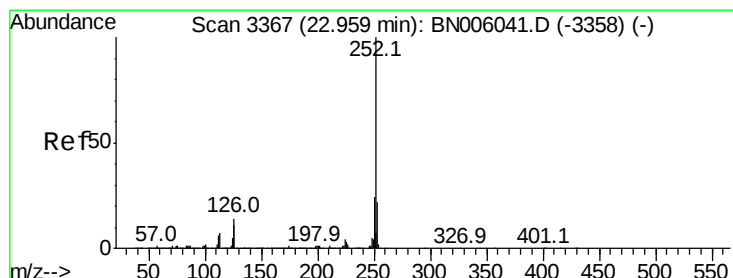
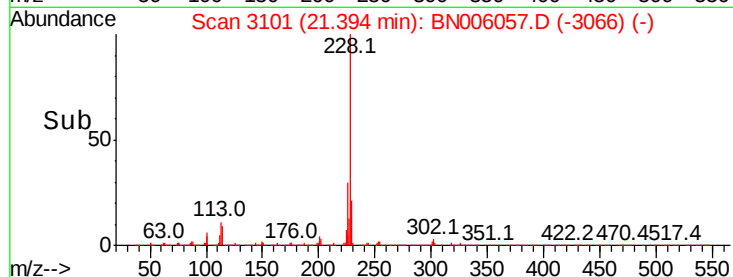
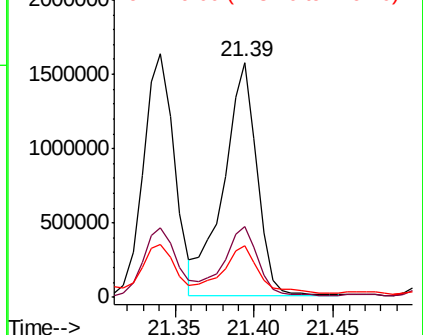
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	22.0	16.3	24.5



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: 29.182 ng/ul

RT: 22.96 min Scan# 3367

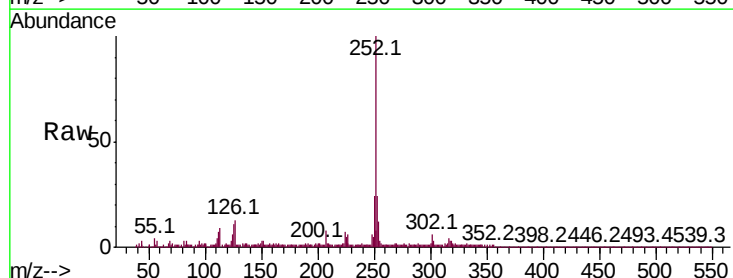
Delta R.T. 0.01 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

Tgt Ion:252 Resp: 2184292

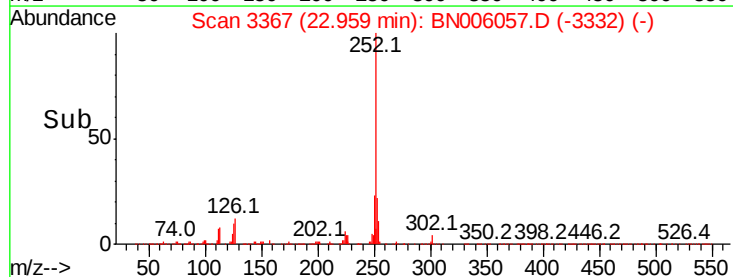
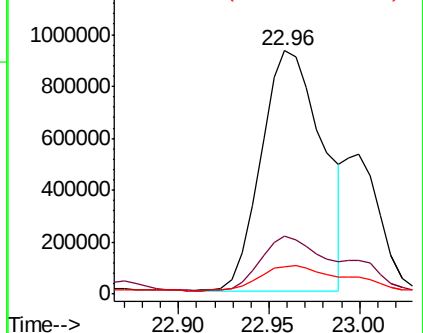
Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.2	8.5	12.7

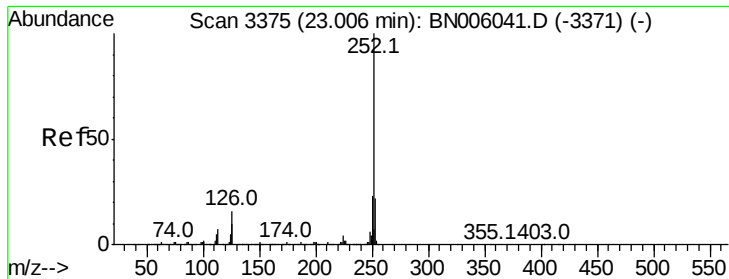


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

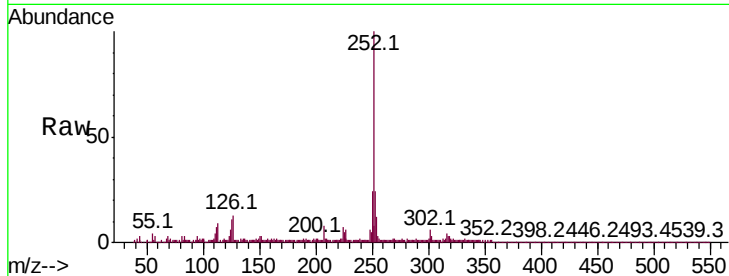




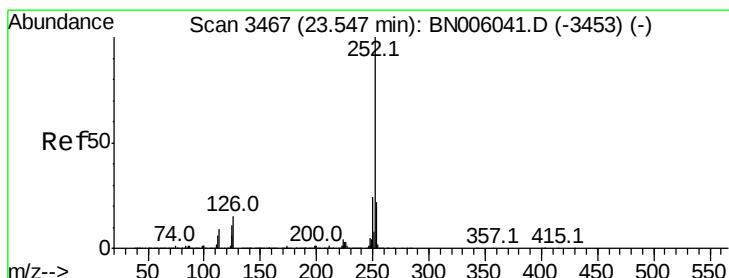
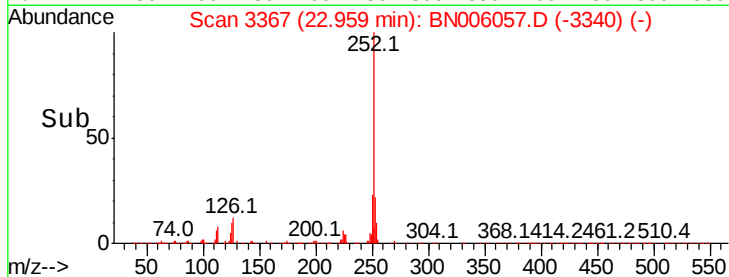
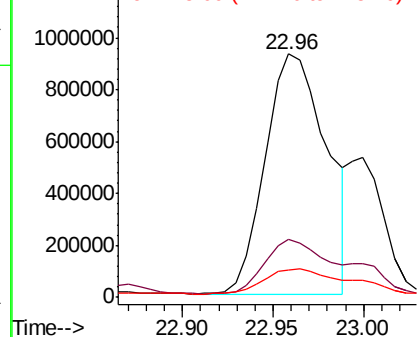
#88
Benzo(k)fluoranthene
Concen: 30.114 ng/ul
RT: 22.96 min Scan# 3367
Delta R.T. -0.04 min
Lab File: BN006057.D
Acq: 04 Jun 2019 04:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 2184292
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.2 8.2 12.4

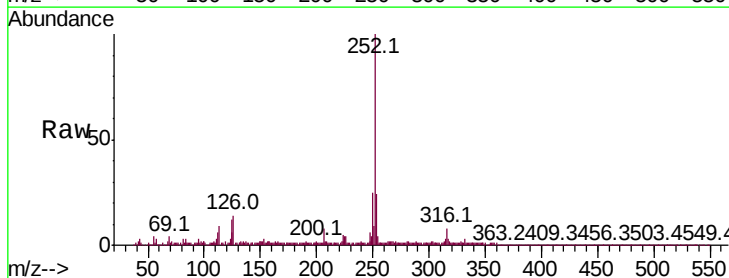


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

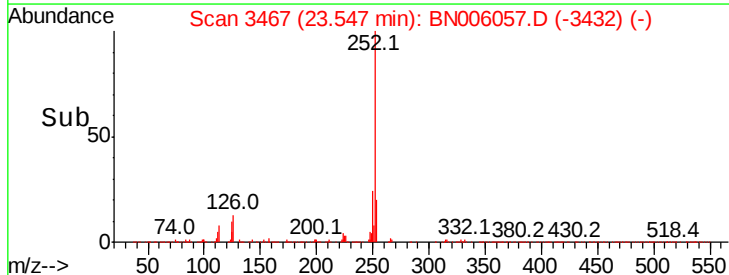
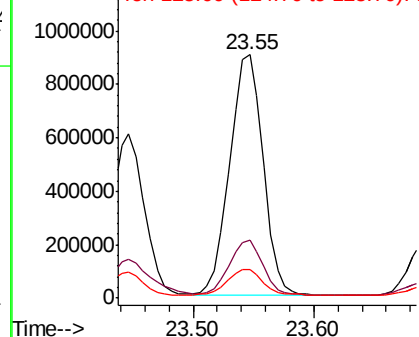


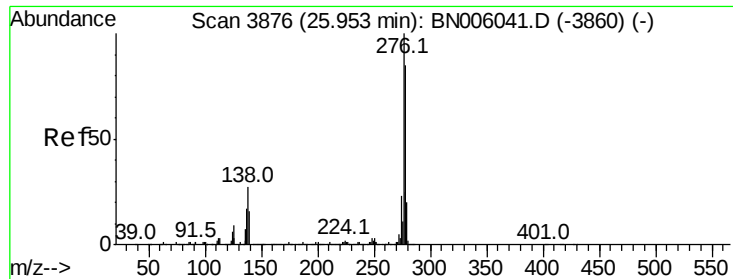
#90
Benzo(a)pyrene
Concen: 24.311 ng/ul
RT: 23.55 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BN006057.D
Acq: 04 Jun 2019 04:06

Tgt Ion:252 Resp: 1730151
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 11.9 9.2 13.8



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



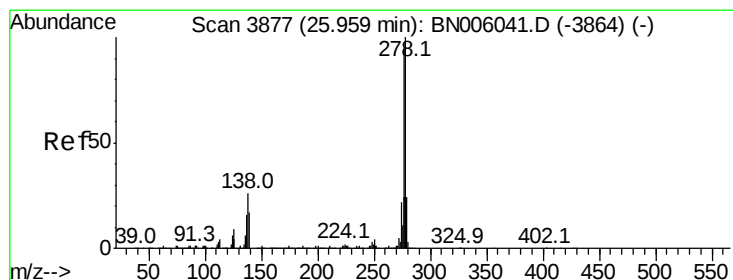
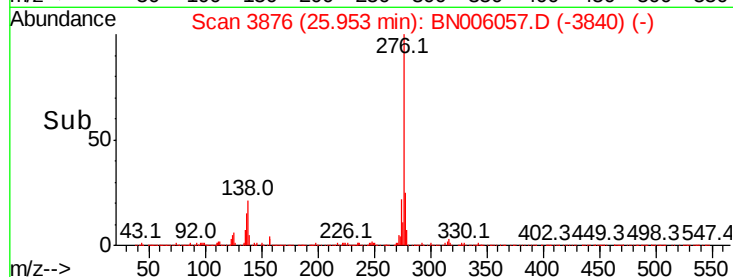
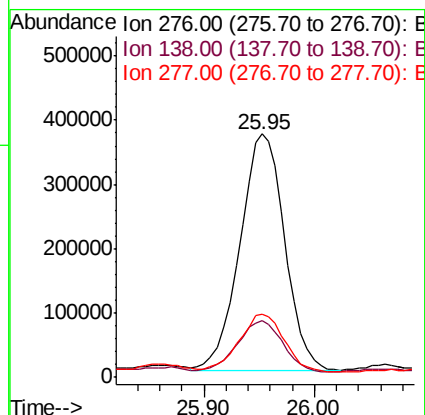
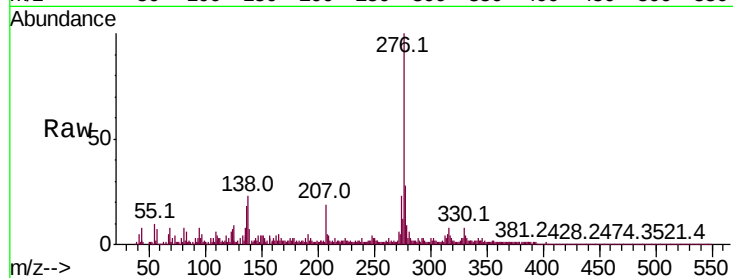


#91

Indeno(1,2,3-cd)pyrene
Concen: 12.759 ng/ul
RT: 25.95 min Scan# 3876
Delta R.T. 0.01 min
Lab File: BN006057.D
Acq: 04 Jun 2019 04:06

Instrument :
BNA_N
ClientSampleId :

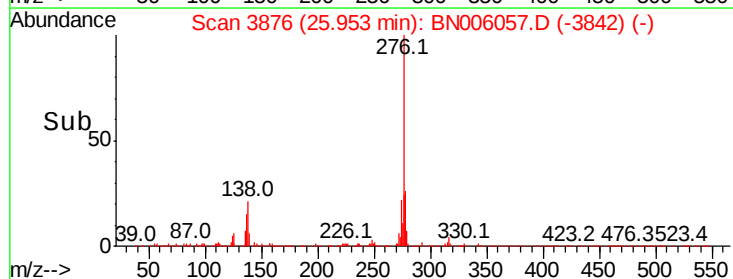
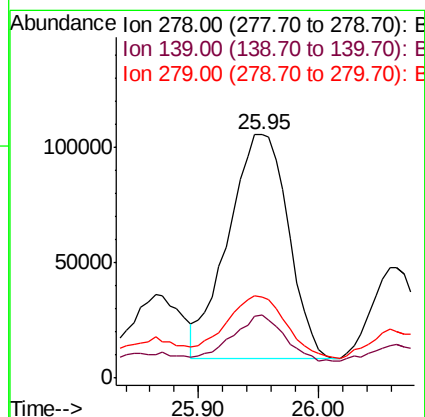
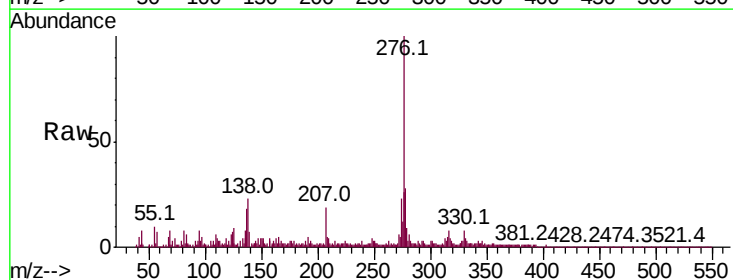
Tot Ion:276 Resp: 1045393
Ion Ratio Lower Upper
276 100
138 23.2 21.4 32.2
277 25.9 20.2 30.2

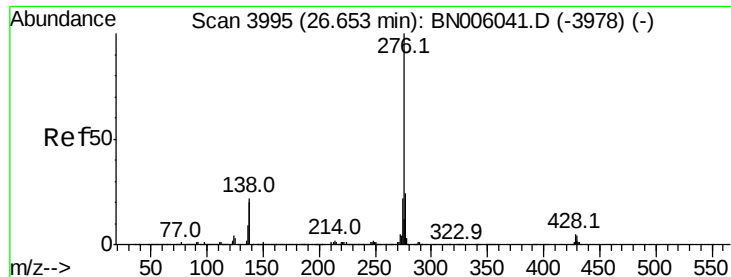


#92

Dibenzo(a,h)anthracene
Concen: 4.857 ng/ul
RT: 25.95 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BN006057.D
Acq: 04 Jun 2019 04:06

Tgt Ion:278 Resp: 335483
Ion Ratio Lower Upper
278 100
139 25.9 14.2 21.2#
279 33.4 19.4 29.0#





#93

Benzo(a,h,i)perylene

Concen: 13.399 ng/ul

RT: 26.66 min Scan# 3997

Delta R.T. 0.02 min

Lab File: BN006057.D

Acq: 04 Jun 2019 04:06

Instrument :

BNA_N

ClientSampleId :

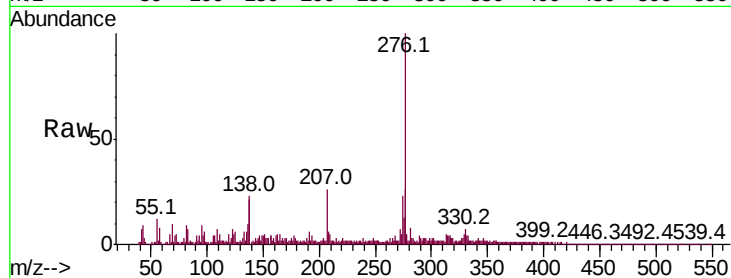
Tot Ion:276 Resp: 903623

Ion Ratio Lower Upper

276 100

138 22.8 18.8 28.2

277 25.8 19.4 29.2



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

