

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005878.D
 Acq On : 23 May 2019 07:34
 Operator : JU/SJ
 Sample : K2927-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 09:38:15 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	82620	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	359994	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	243765	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	602250	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	635373	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	608108	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7134	4.83	ng/uL	0.00
5) Phenol-d5	6.76	99	142740	22.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	88537	26.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	129744	25.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	117720	21.56	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	69642	26.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	73379	24.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	143203	24.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	111450	17.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	518931	27.67	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	636964	27.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	18594	7.04	ng/ul	0.04
57) Fluorene-d10	15.20	176	477686	29.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	15318	4.23	ng/ul	0.01
70) Anthracene-d10	17.06	188	772347	29.69	ng/ul	0.00
78) Pyrene-d10	19.37	212	894762	28.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	757211	27.76	ng/ul	0.01

Target Compounds

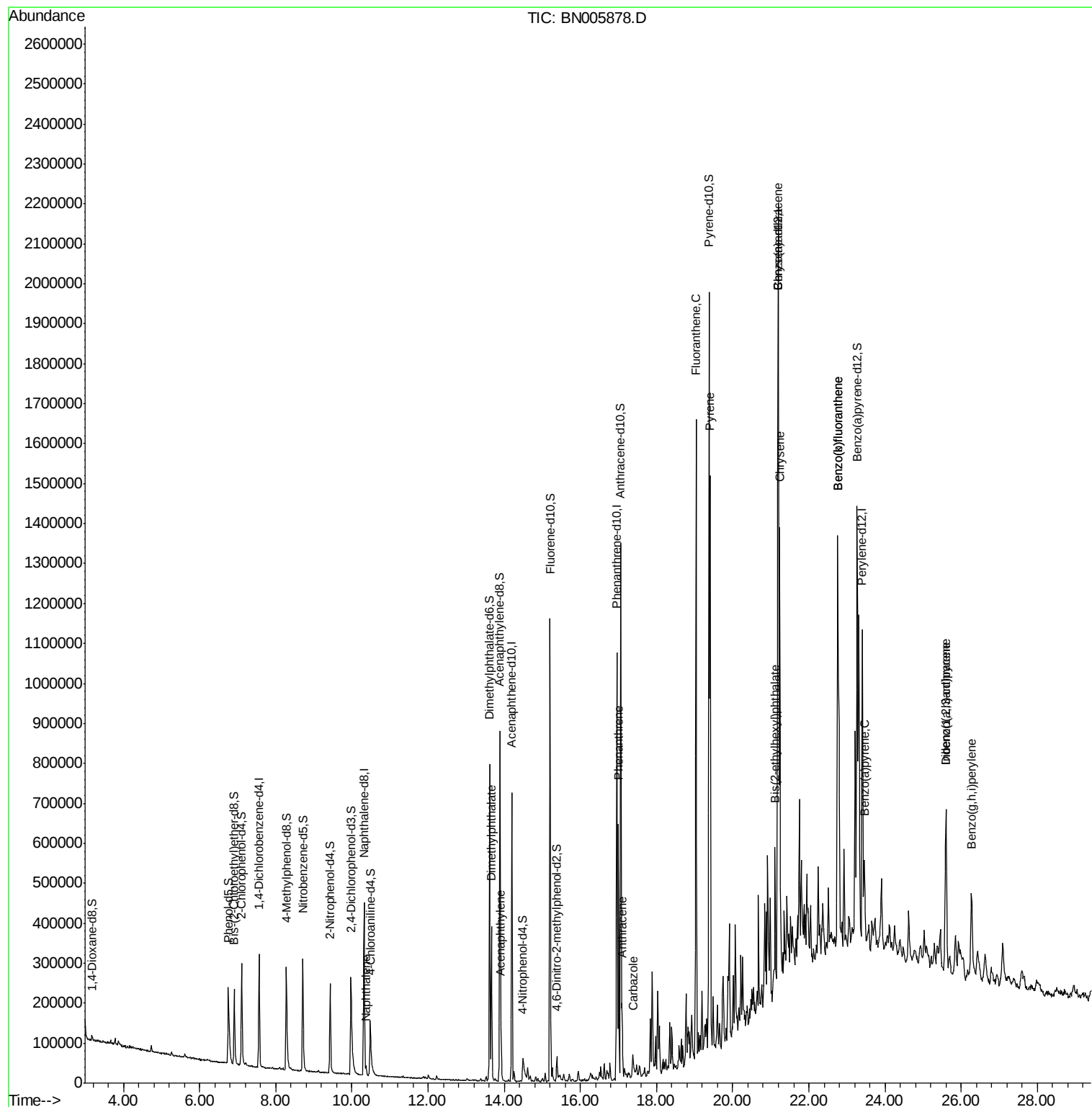
					Ovalue	
28) Naphthalene	10.37	128	17953	1.044	ng/ul	96
44) Dimethylphthalate	13.66	163	247079	13.361	ng/ul	99
47) Acenaphthylene	13.92	152	88516	4.034	ng/ul	98
69) Phenanthrene	17.00	178	378562	12.681	ng/ul	99
71) Anthracene	17.09	178	118652	3.903	ng/ul	96
74) Carbazole	17.38	167	35680	1.331	ng/ul	99
76) Fluoranthene	19.04	202	953056	25.822	ng/ul#	89
79) Pyrene	19.40	202	909161	23.301	ng/ul#	87
82) Benzo(a)anthracene	21.19	228	699010	17.463	ng/ul	93
83) Bis(2-ethylhexyl)phthalate	21.12	149	115246	5.081	ng/ul#	98
84) Chrysene	21.23	228	687178	18.211	ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	924885	27.646	ng/ul#	95
88) Benzo(k)fluoranthene	22.76	252	924885	28.572	ng/ul#	95
90) Benzo(a)pyrene	23.46	252	127548	3.937	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.60	276	395478	9.985	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.60	278	120571	3.616	ng/ul#	82
93) Benzo(g,h,i)perylene	26.27	276	267363	8.076	ng/ul#	88

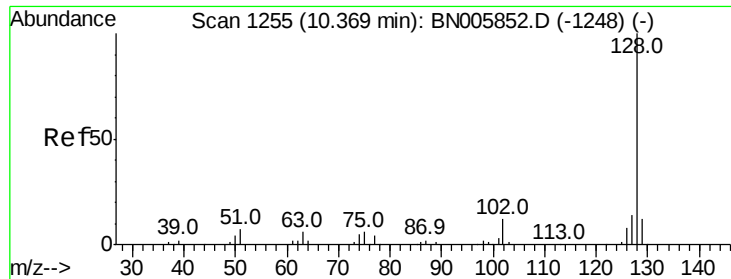
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.044 ng/ul

RT: 10.37 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

ClientSampleId :

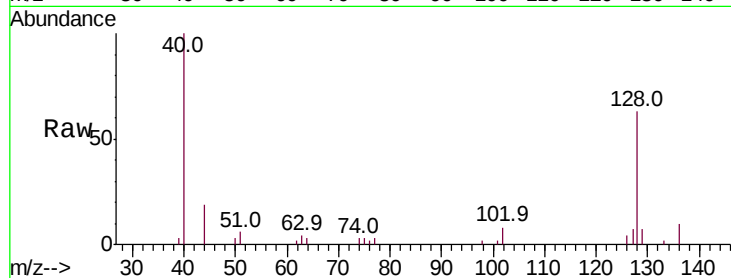
Tot Ion:128 Resp: 17953

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

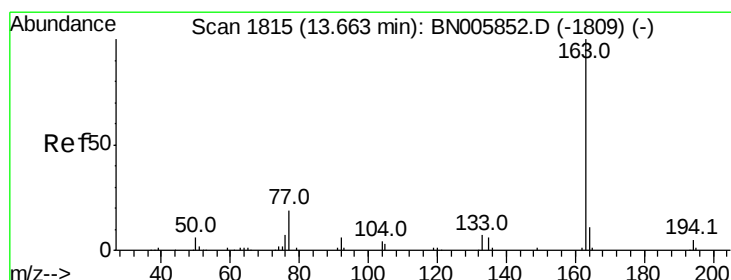
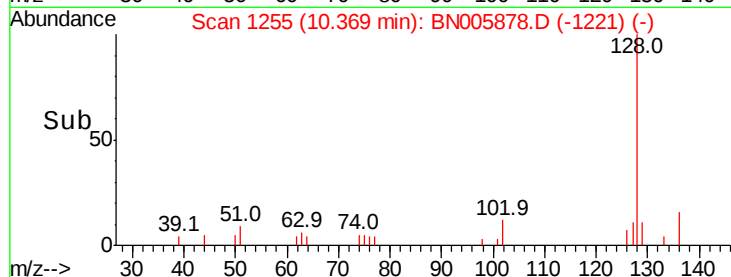
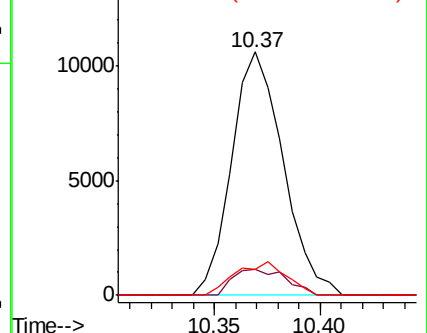
127 10.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 13.361 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

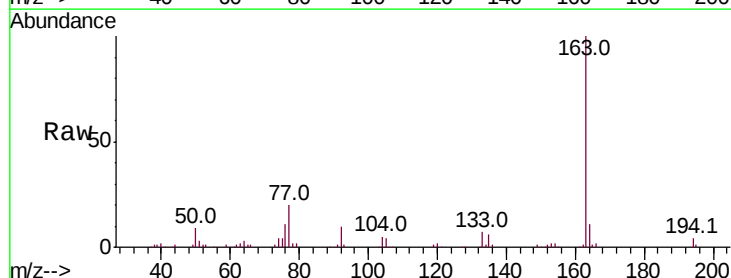
Tgt Ion:163 Resp: 247079

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

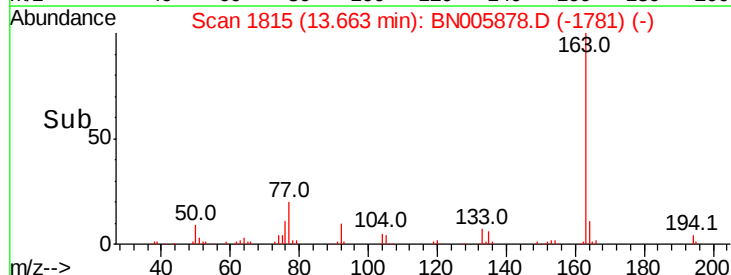
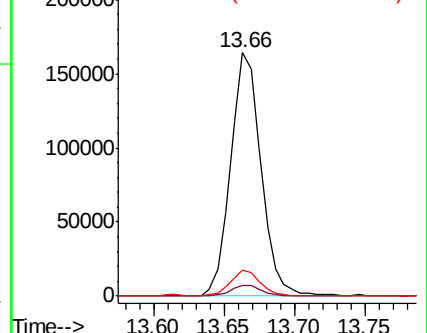
164 10.5 8.1 12.1

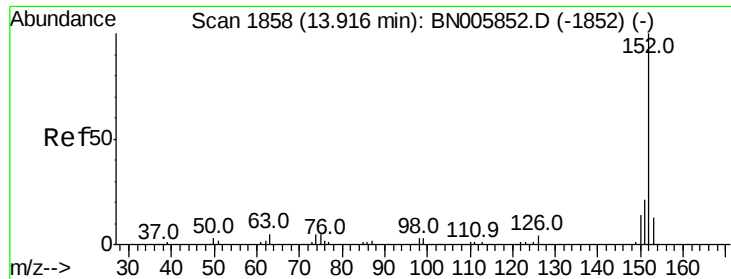


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 4.034 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

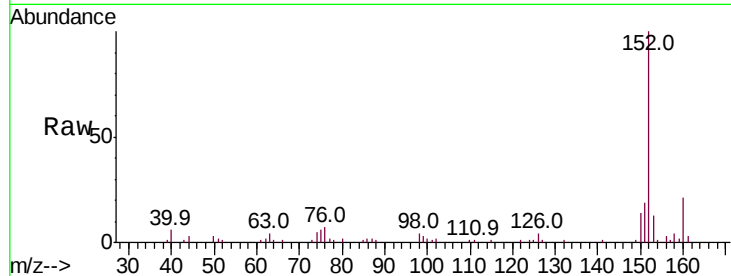
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 88516

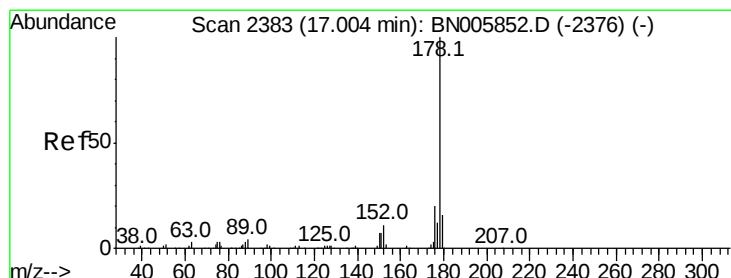
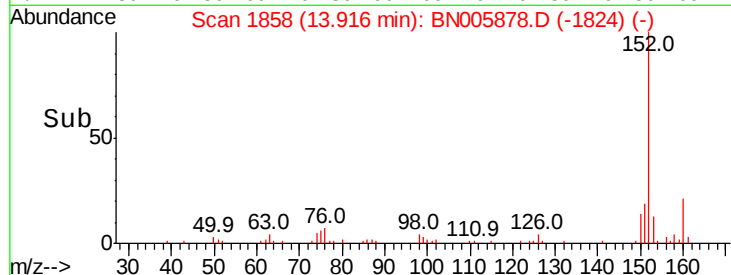
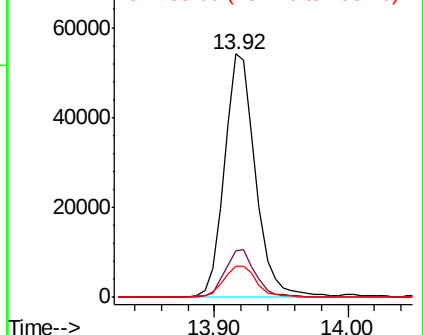
Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.8
153	12.8	9.8	14.8



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: 12.681 ng/ul

RT: 17.00 min Scan# 2382

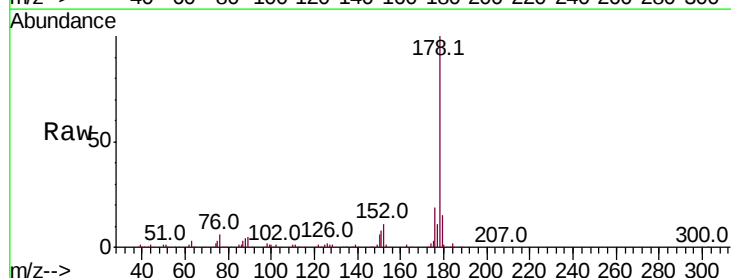
Delta R.T. -0.01 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Tgt Ion:178 Resp: 378562

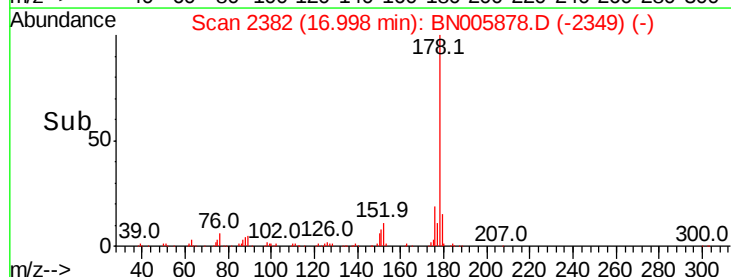
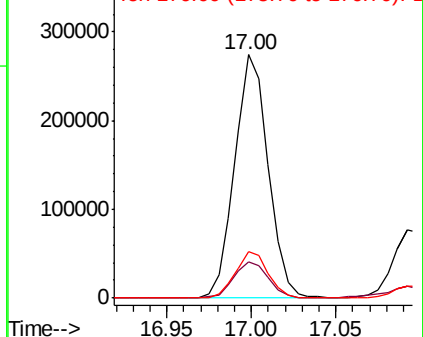
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	19.1	15.1	22.7

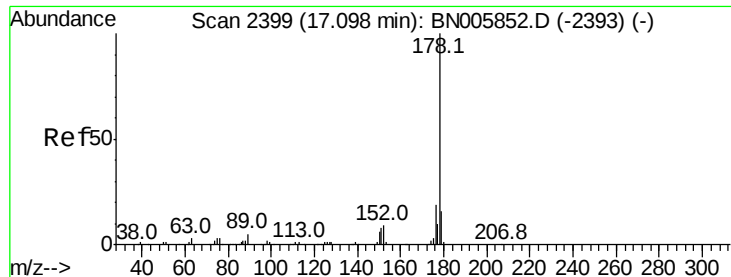


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

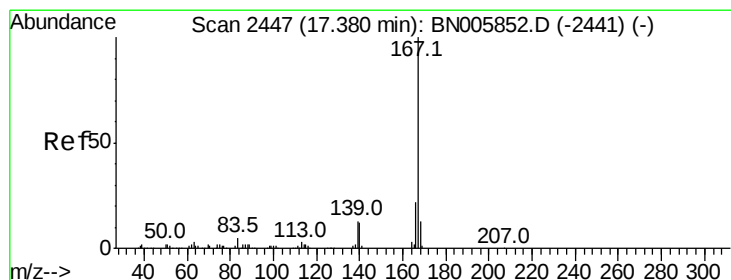
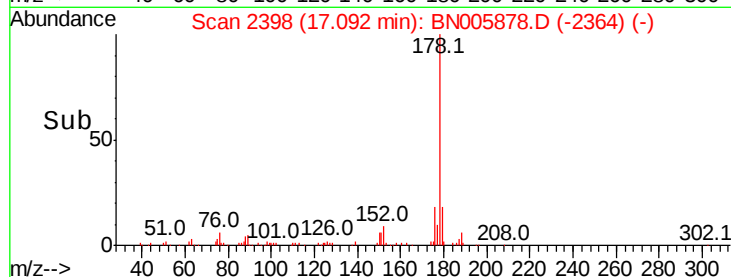
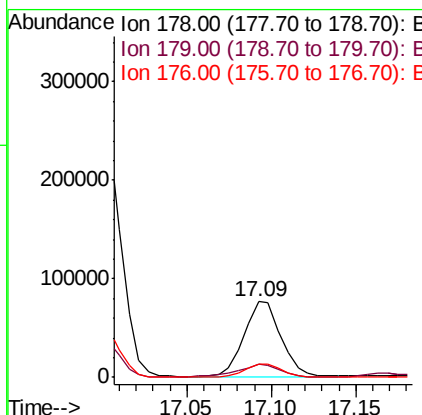
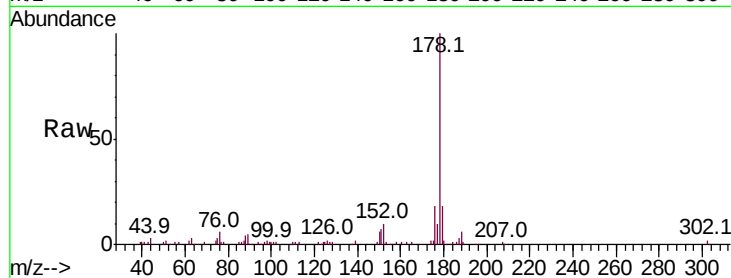




#71
 Anthracene
 Concen: 3.903 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

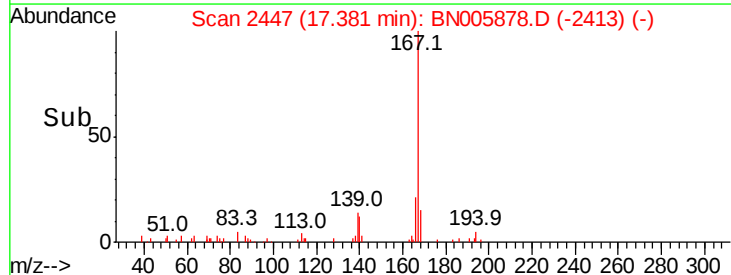
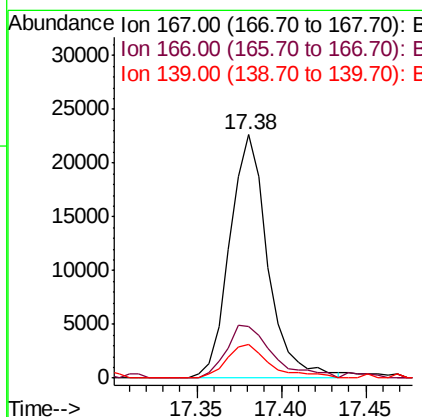
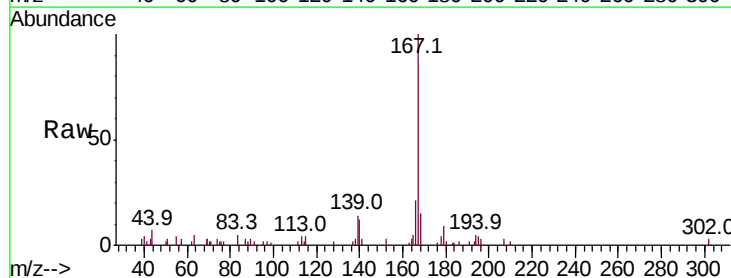
Instrument :
 BNA_N
 ClientSampleId :

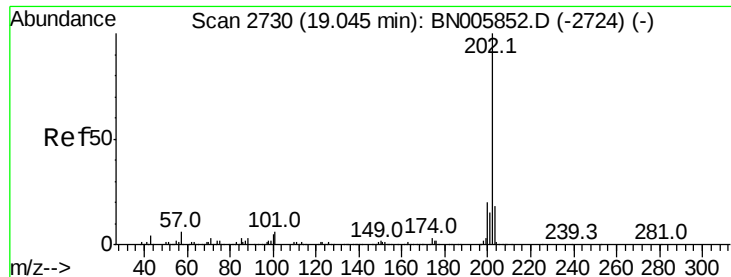
Tot Ion:178 Resp: 118652
 Ion Ratio Lower Upper
 178 100
 179 17.9 12.3 18.5
 176 17.5 15.1 22.7



#74
 Carbazole
 Concen: 1.331 ng/ul
 RT: 17.38 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Tgt Ion:167 Resp: 35680
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.7 10.6 16.0





#76

Fluoranthene

Concen: 25.822 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

ClientSampleId :

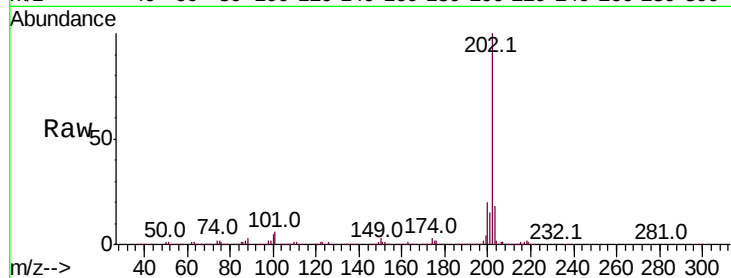
Tot Ion:202 Resp: 953056

Ion Ratio Lower Upper

202 100

101 6.0 8.6 12.8#

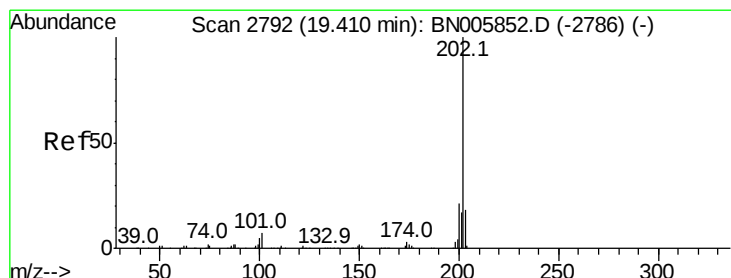
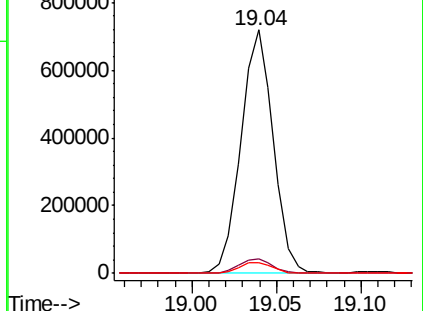
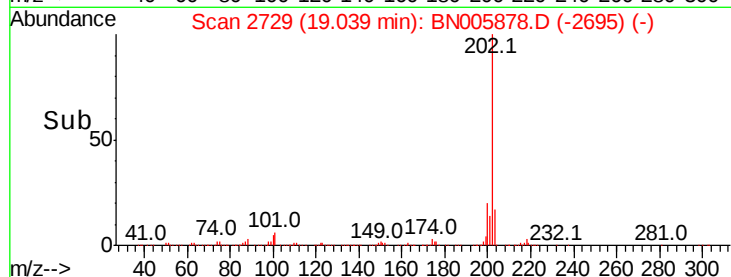
100 4.6 6.3 9.5#



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): B



#79

Pyrene

Concen: 23.301 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

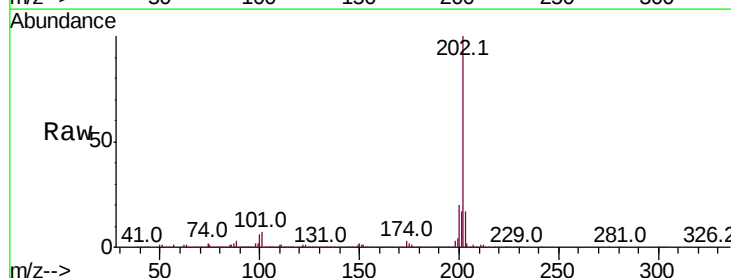
Tgt Ion:202 Resp: 909161

Ion Ratio Lower Upper

202 100

101 7.0 10.3 15.5#

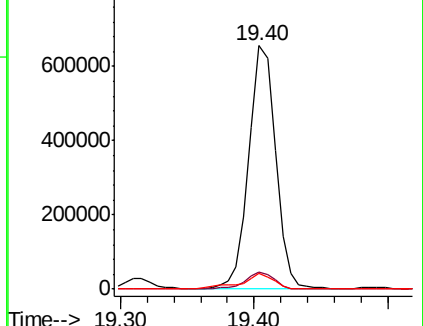
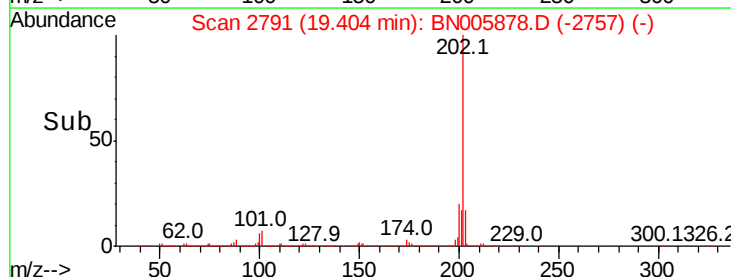
100 6.3 7.9 11.9#

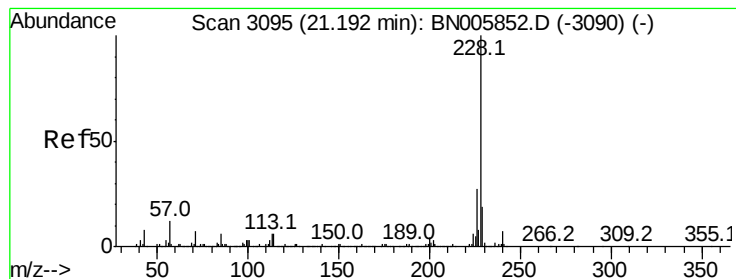


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 17.463 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

ClientSampleId :

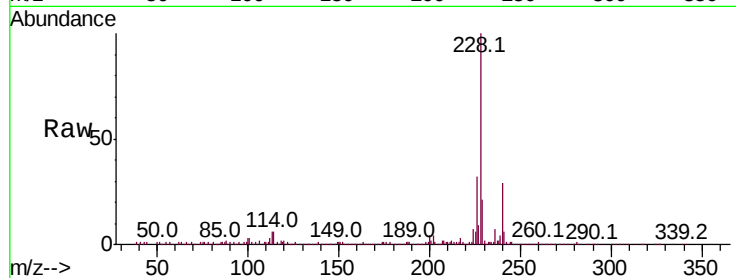
Tot Ion:228 Resp: 699010

Ion Ratio Lower Upper

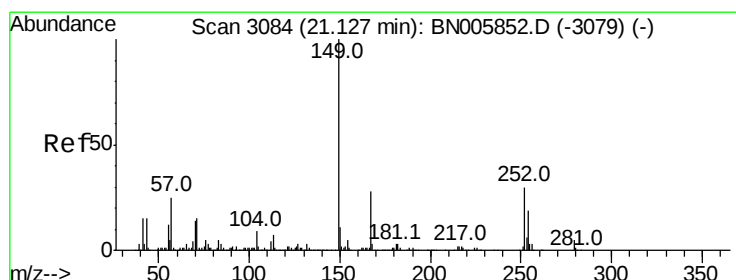
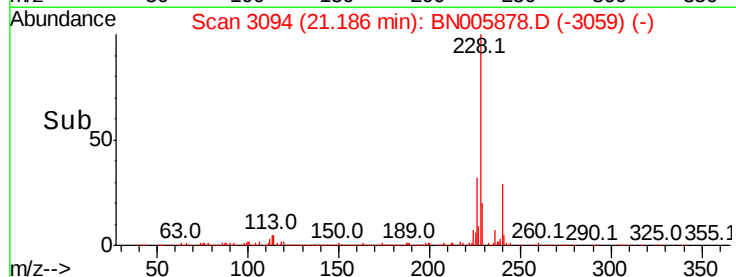
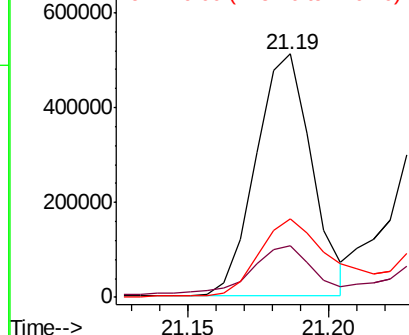
228 100

229 21.2 15.8 23.6

226 32.0 21.4 32.2



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: 5.081 ng/ul

RT: 21.12 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

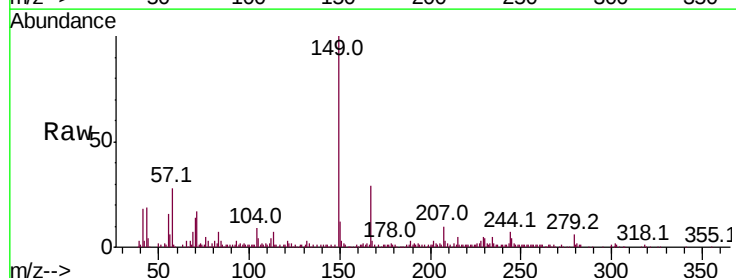
Tgt Ion:149 Resp: 115246

Ion Ratio Lower Upper

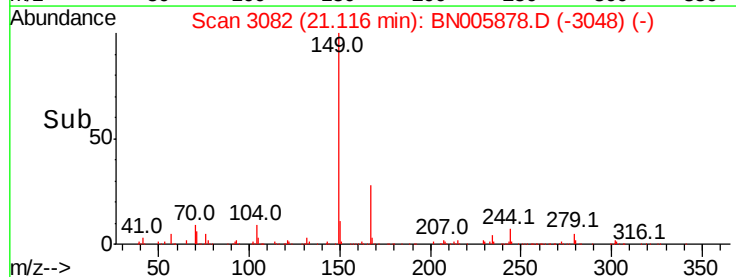
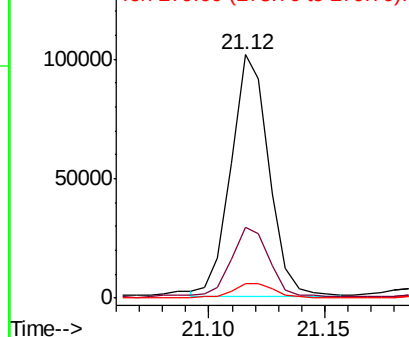
149 100

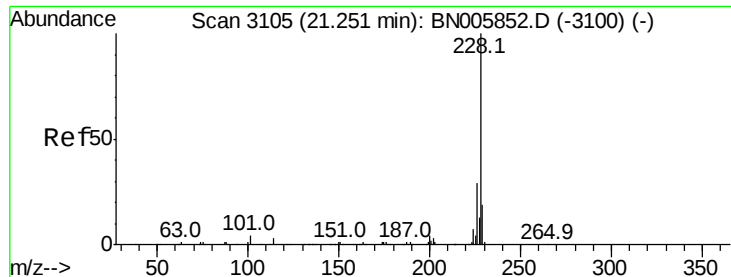
167 28.9 22.3 33.5

279 5.8 3.3 4.9#



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

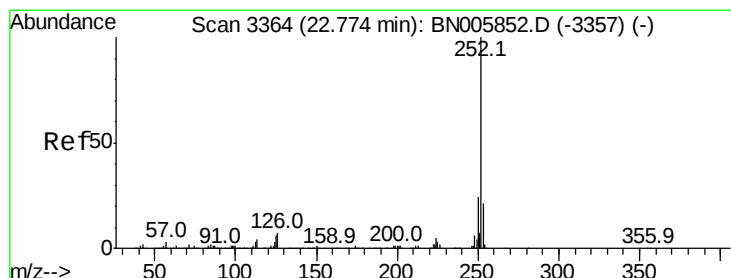
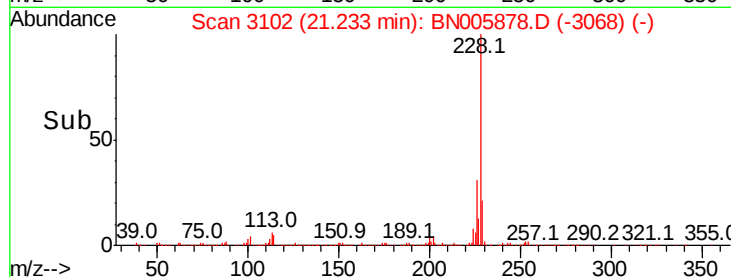
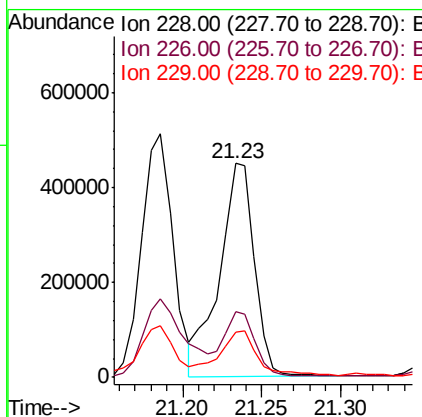
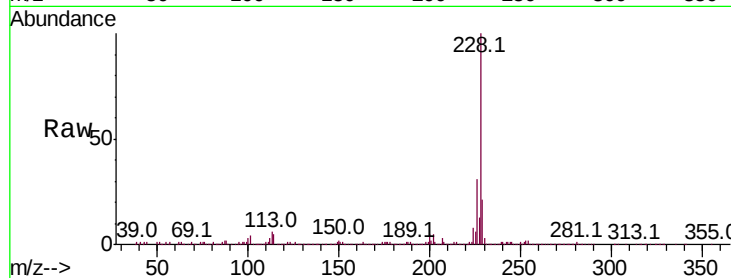




#84
Chrysene
Concen: 18.211 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

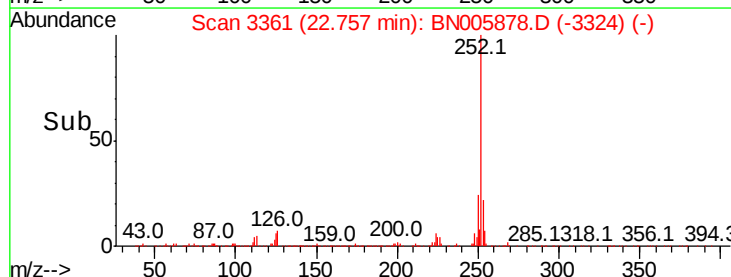
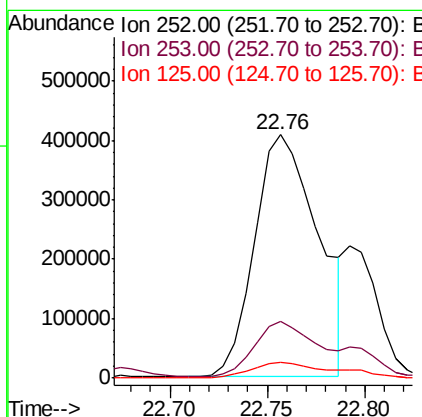
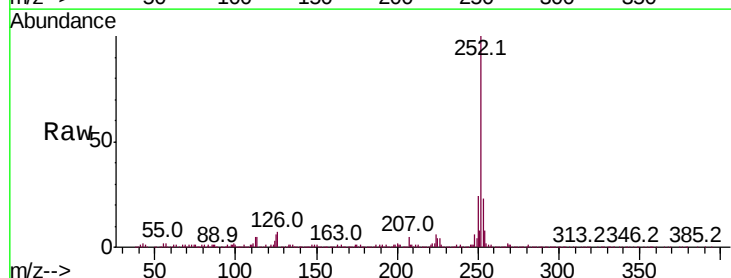
Instrument :
BNA_N
ClientSampleId :

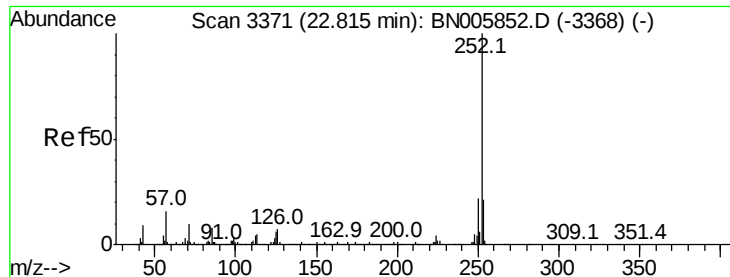
Tot Ion:228 Resp: 687178
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.4 15.4 23.0



#87
Benzo(b)fluoranthene
Concen: 27.646 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.02 min
Lab File: BN005878.D
Acq: 23 May 2019 07:34

Tgt Ion:252 Resp: 924885
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 6.4 8.4 12.6#





#88

Benzo(k)fluoranthene

Concen: 28.572 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.03 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

ClientSampled :

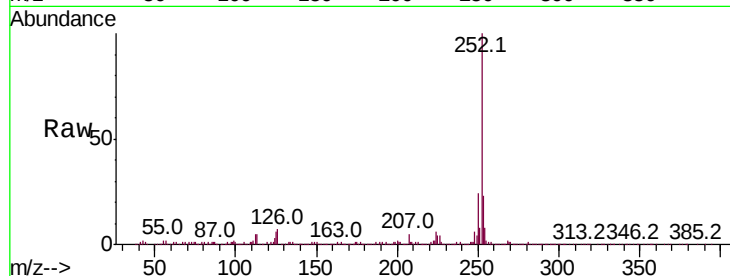
Tot Ion:252 Resp: 924885

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

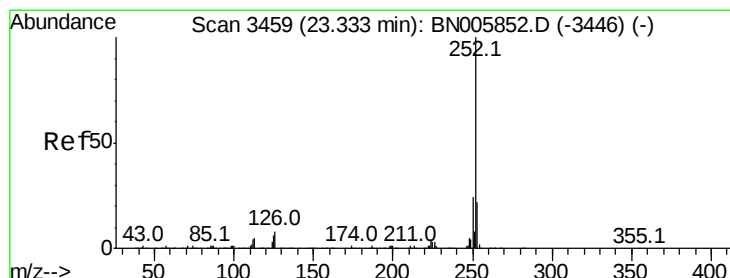
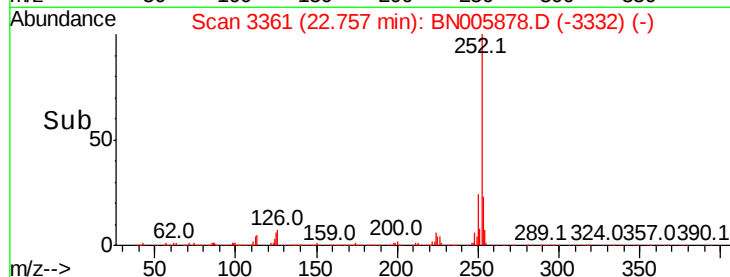
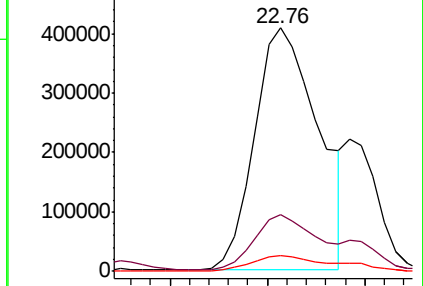
125 6.4 7.5 11.3#



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: 3.937 ng/ul

RT: 23.46 min Scan# 3480

Delta R.T. 0.16 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

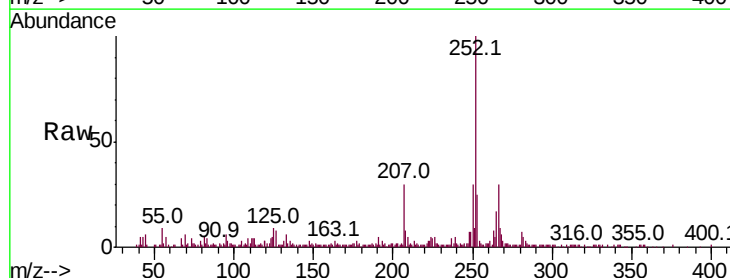
Tgt Ion:252 Resp: 127548

Ion Ratio Lower Upper

252 100

253 24.8 17.3 25.9

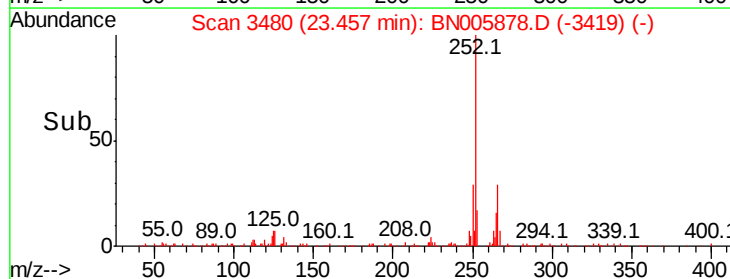
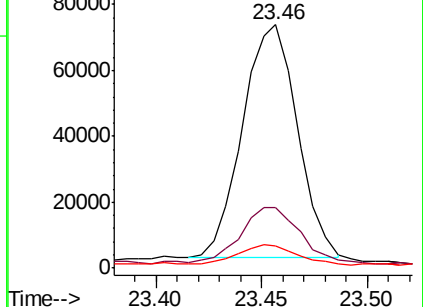
125 9.1 8.6 13.0

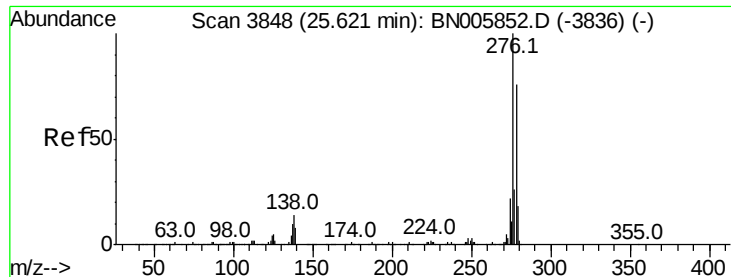


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



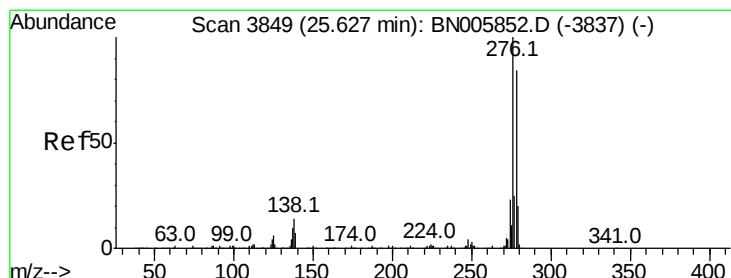
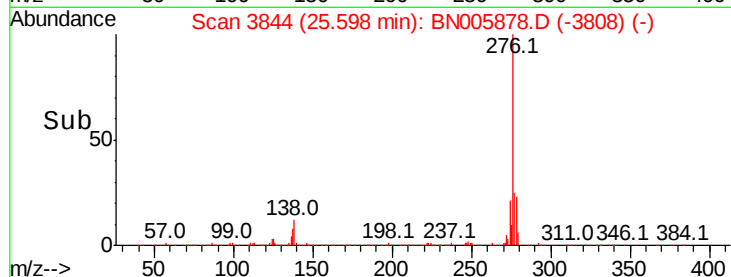
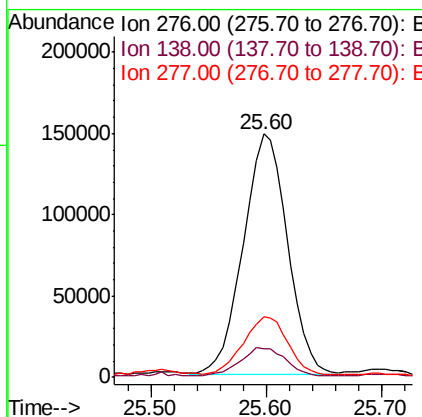
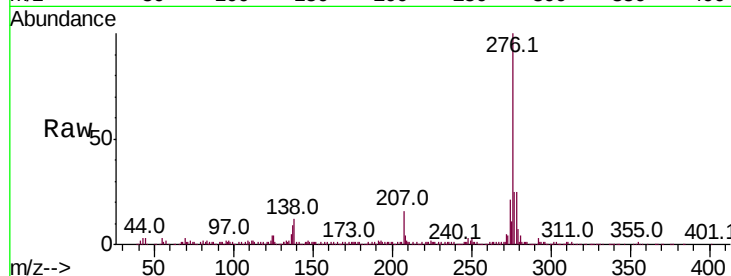


#91

Indeno(1,2,3-cd)pyrene
 Concen: 9.985 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.01 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Instrument :
 BNA_N
 ClientSampleId :

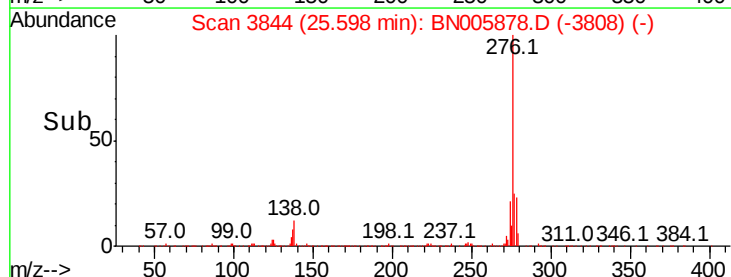
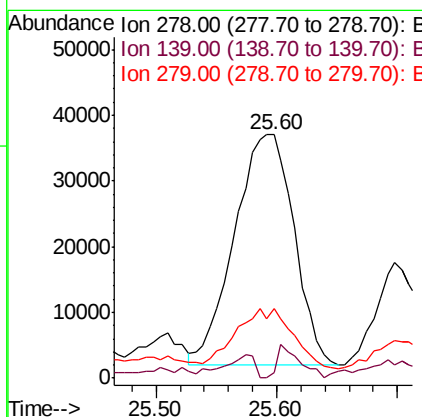
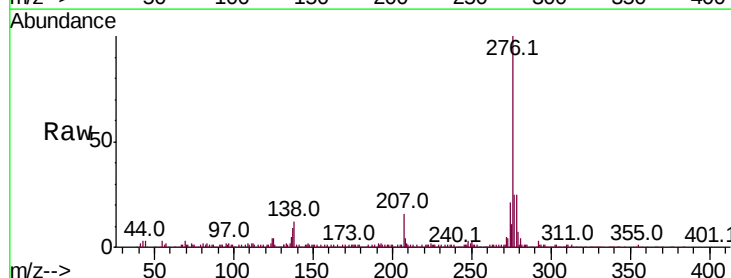
Tot Ion	Ratio	Lower	Upper
276	100		
138	11.8	17.9	26.9#
277	25.0	19.7	29.5

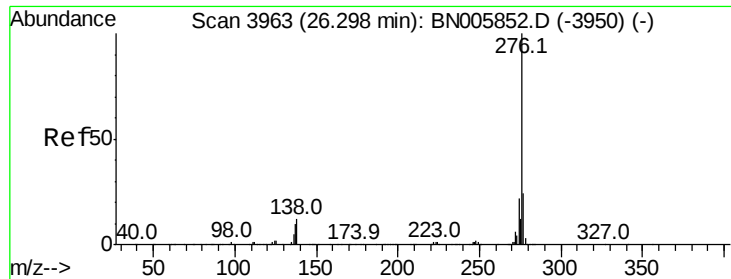


#92

Dibenzo(a,h)anthracene
 Concen: 3.616 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.01 min
 Lab File: BN005878.D
 Acq: 23 May 2019 07:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	2.5	13.1	19.7#
279	28.4	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 8.076 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.01 min

Lab File: BN005878.D

Acq: 23 May 2019 07:34

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 267363

Ion Ratio Lower Upper

276 100

138 11.5 16.7 25.1#

277 24.5 18.2 27.2

