

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005873.D
 Acq On : 23 May 2019 04:42
 Operator : JU/SJ
 Sample : K2927-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 07:11:48 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	81656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	355640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	242755	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	626234	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	683944	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	687699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7004	4.80	ng/uL	0.00
5) Phenol-d5	6.76	99	135974	21.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	86514	26.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	125124	24.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	115076	21.32	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	69338	26.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	68248	22.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	130536	22.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	96748	15.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.62	166	513604	27.50	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	648691	28.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	13953	5.30	ng/ul	0.04
57) Fluorene-d10	15.20	176	483188	30.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	13046	3.47	ng/ul	0.01
70) Anthracene-d10	17.06	188	790918	29.24	ng/ul	0.00
78) Pyrene-d10	19.37	212	928541	27.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	846582	27.44	ng/ul	0.00

Target Compounds

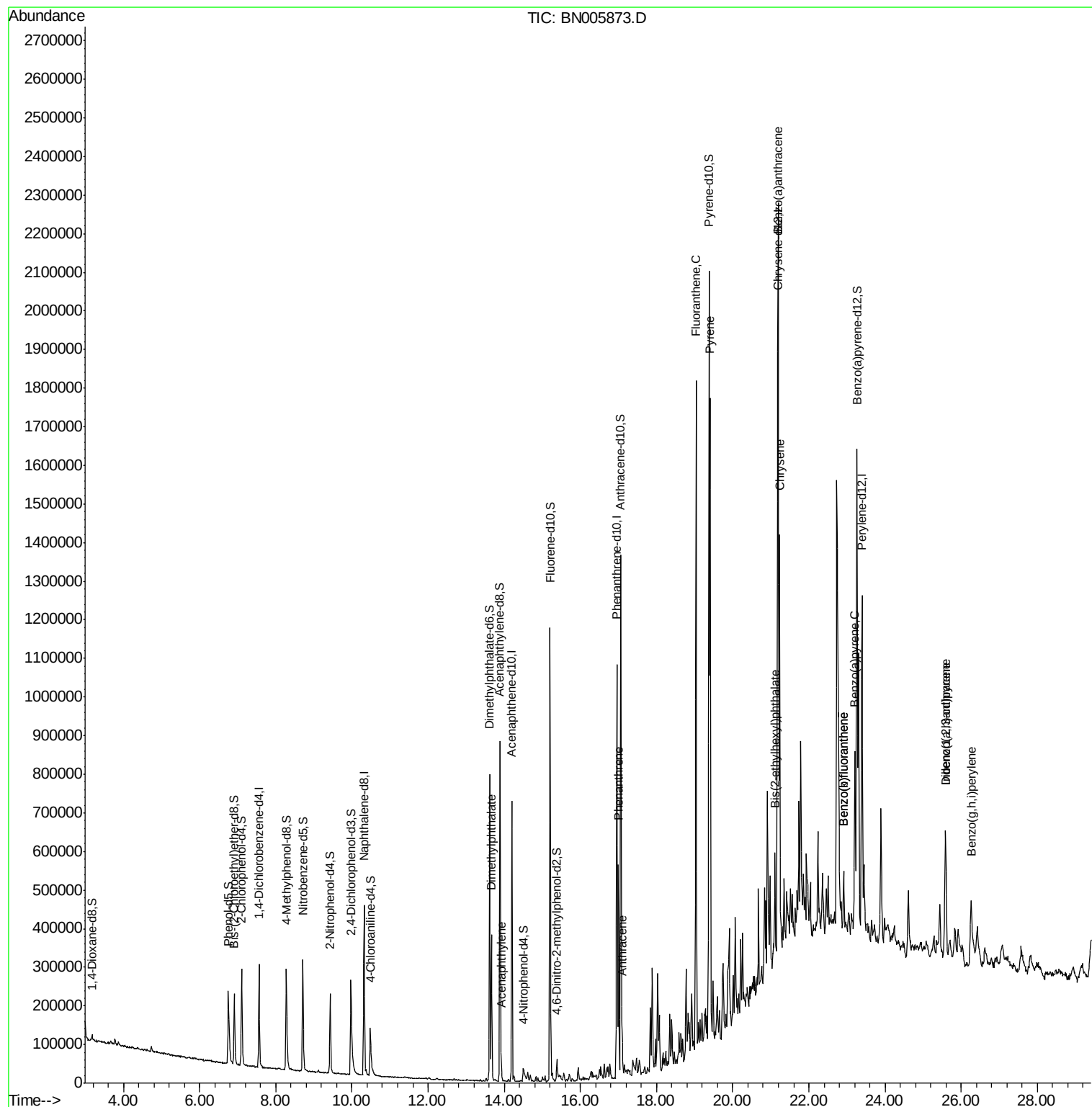
					Ovalue	
44) Dimethylphthalate	13.66	163	245594	13.336	ng/ul	99
47) Acenaphthylene	13.92	152	37849	1.732	ng/ul	97
69) Phenanthrene	17.00	178	338228	10.896	ng/ul	99
71) Anthracene	17.09	178	82455	2.609	ng/ul	97
76) Fluoranthene	19.04	202	1019662	26.568	ng/ul#	89
79) Pyrene	19.40	202	1013495	24.131	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	639190	14.835	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.12	149	97036	3.975	ng/ul#	97
84) Chrysene	21.23	228	654518	16.114	ng/ul	98
87) Benzo(b)fluoranthene	22.91	252	82700	2.186	ng/ul	93
88) Benzo(k)fluoranthene	22.91	252	118281	3.231	ng/ul	93
90) Benzo(a)pyrene	23.21	252	337771	9.220	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	313979	7.010	ng/ul#	89
92) Dibenzo(a,h)anthracene	25.58	278	93010	2.467	ng/ul#	92
93) Benzo(g,h,i)perylene	26.26	276	212849	5.685	ng/ul#	90

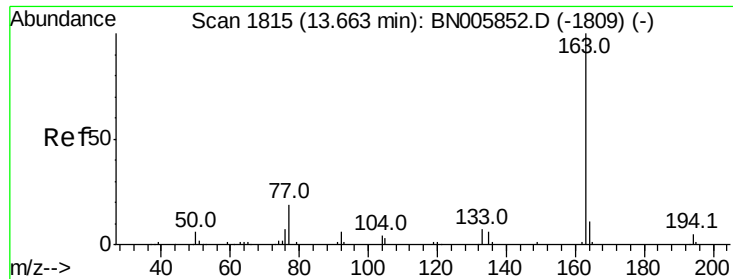
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
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Quant Time: May 23 07:11:48 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 13.336 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

ClientSampleId :

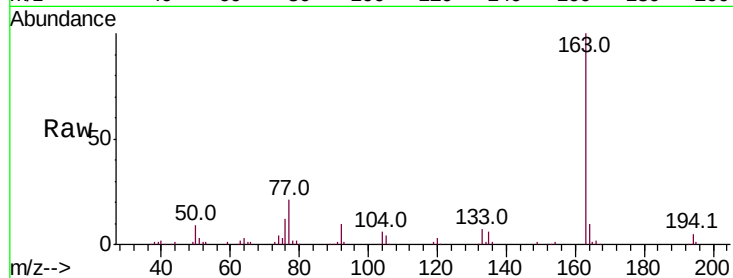
Tot Ion:163 Resp: 245594

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

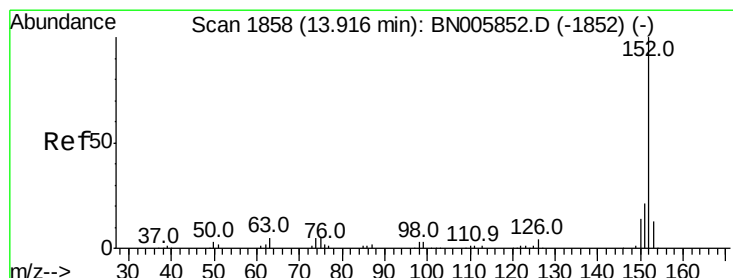
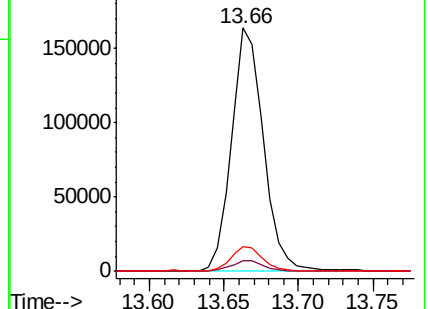
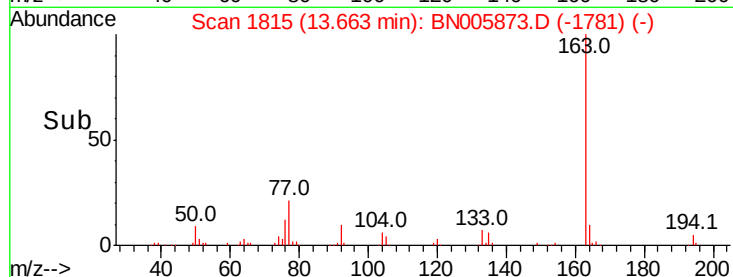
164 10.3 8.1 12.1



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: 1.732 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

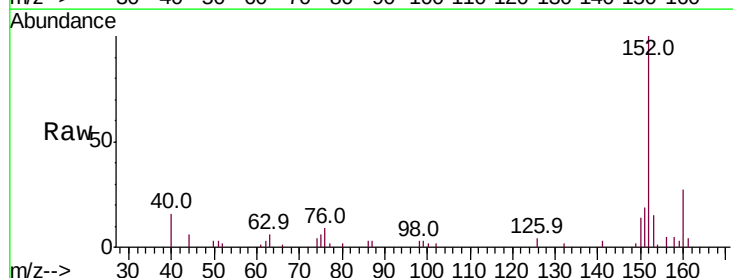
Tgt Ion:152 Resp: 37849

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8

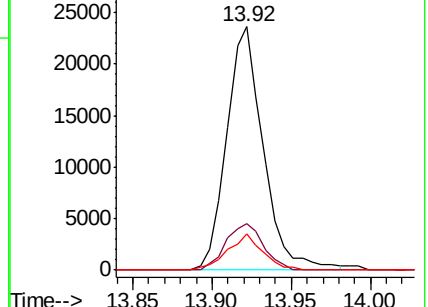
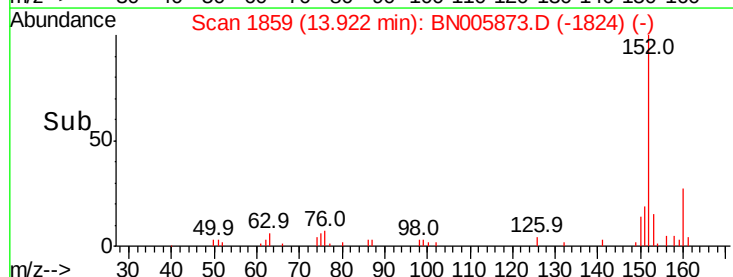
153 14.8 9.8 14.8

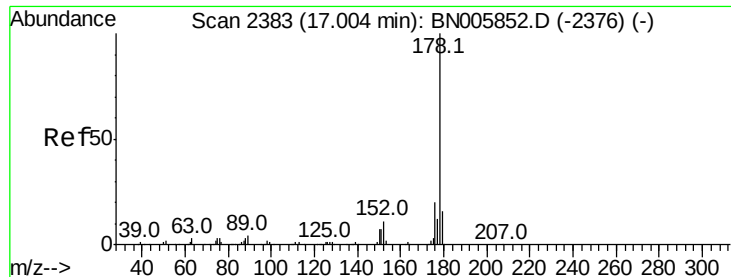


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 10.896 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

ClientSampleId :

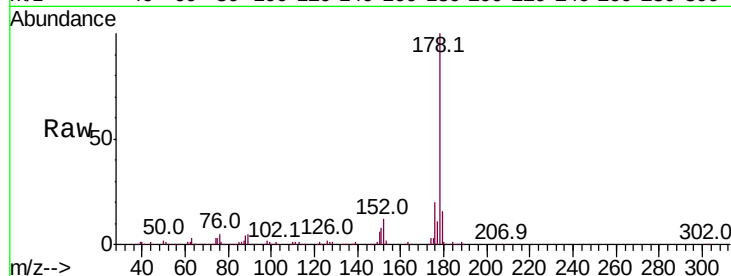
Tot Ion:178 Resp: 338228

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

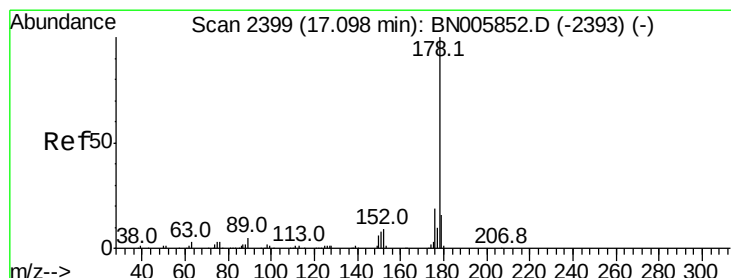
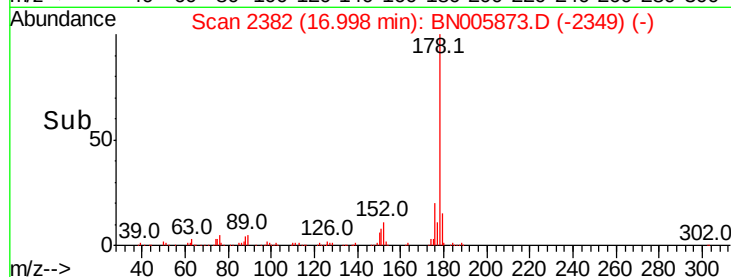
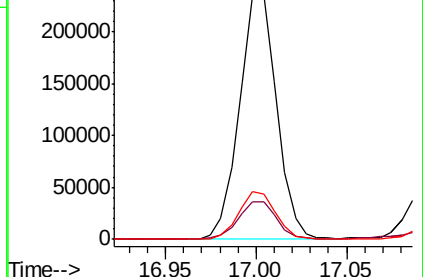
176 19.8 15.1 22.7



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: 2.609 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

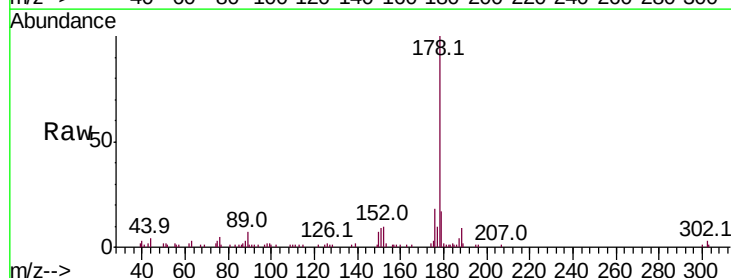
Tgt Ion:178 Resp: 82455

Ion Ratio Lower Upper

178 100

179 17.5 12.3 18.5

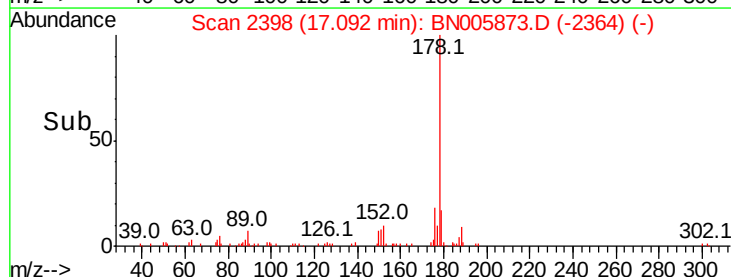
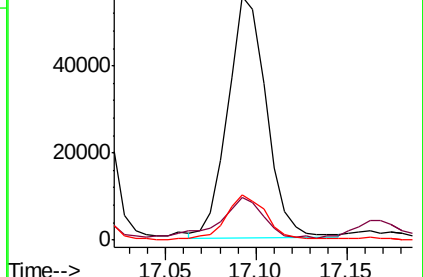
176 18.4 15.1 22.7

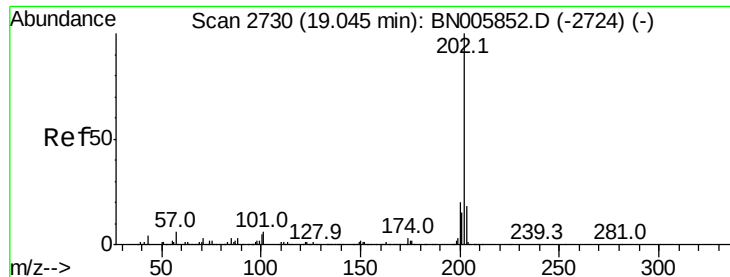


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



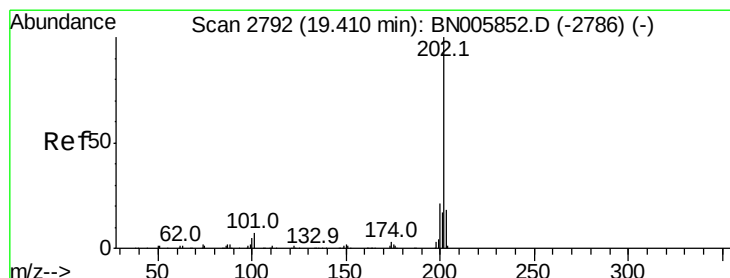
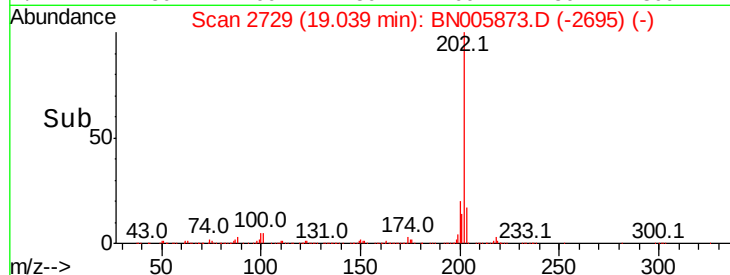
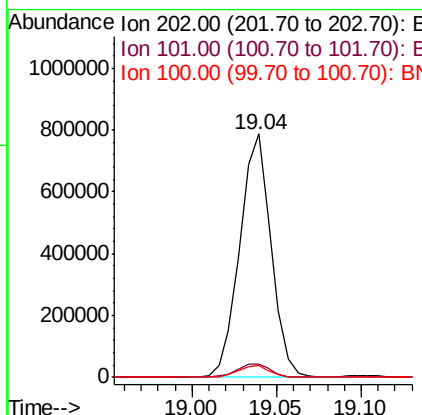
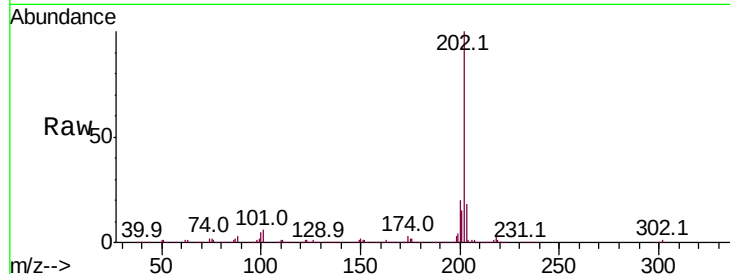


#76
 Fluoranthene
 Concen: 26.568 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005873.D
 Acq: 23 May 2019 04:42

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:202 Resp: 1019662

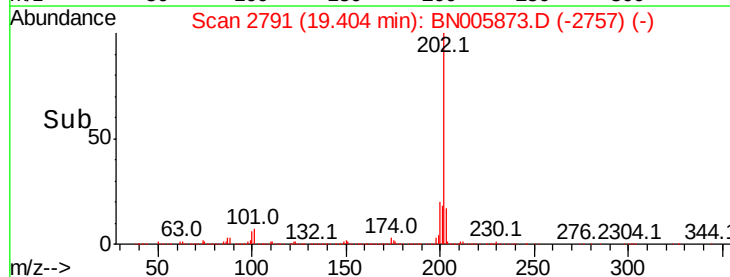
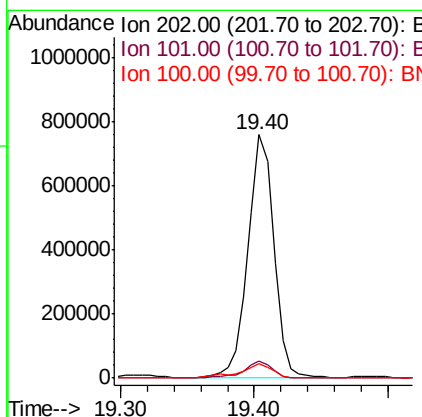
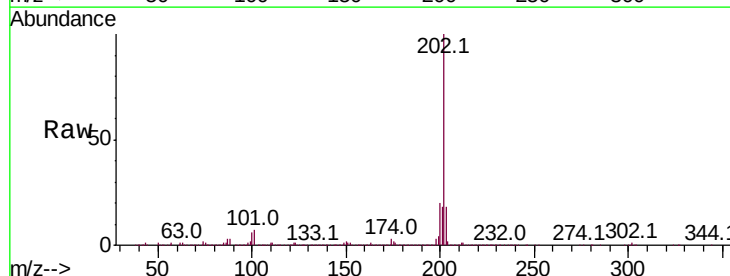
Ion	Ratio	Lower	Upper
202	100		
101	5.7	8.6	12.8#
100	4.9	6.3	9.5#

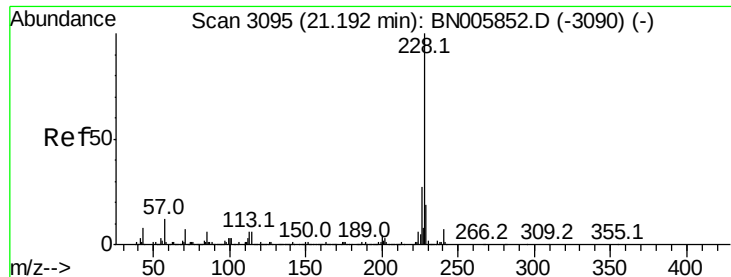


#79
 Pyrene
 Concen: 24.131 ng/ul
 RT: 19.40 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BN005873.D
 Acq: 23 May 2019 04:42

Tgt Ion:202 Resp: 1013495

Ion	Ratio	Lower	Upper
202	100		
101	7.2	10.3	15.5#
100	6.0	7.9	11.9#





#82

Benzo(a)anthracene

Concen: 14.835 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

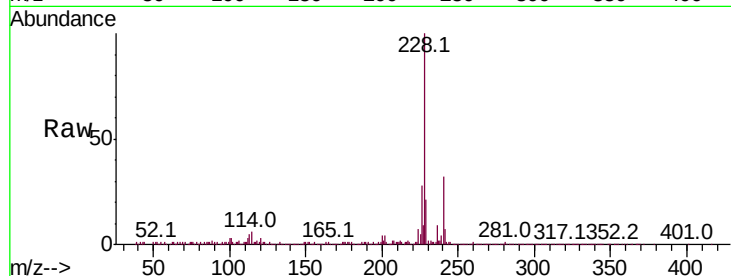
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 639190

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	27.8	21.4	32.2

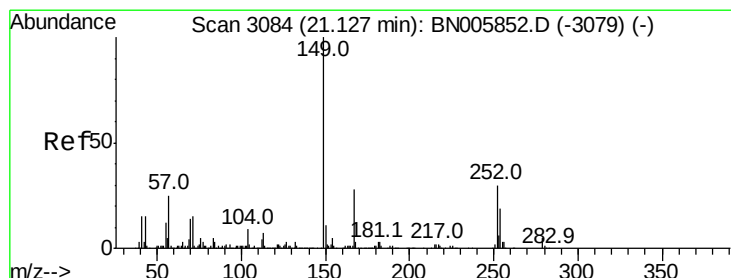
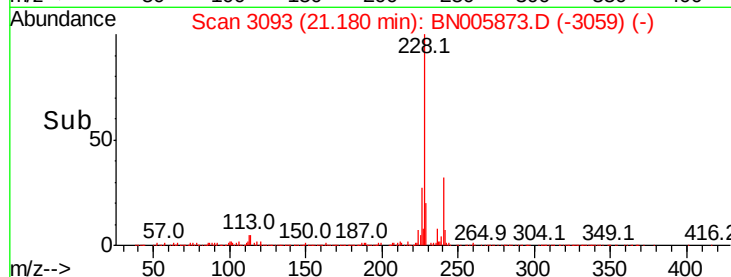
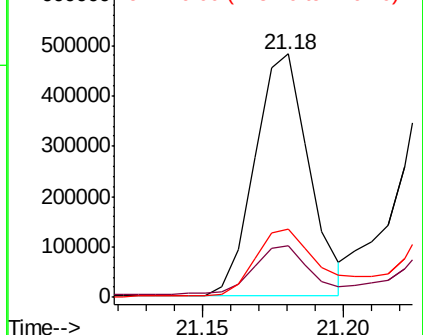


Abundance

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: 3.975 ng/ul

RT: 21.12 min Scan# 3082

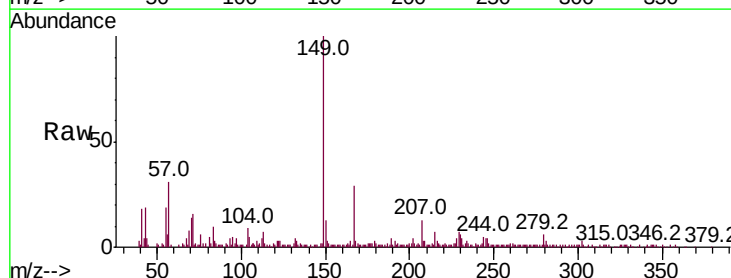
Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Tgt Ion:149 Resp: 97036

Ion	Ratio	Lower	Upper
149	100		
167	29.5	22.3	33.5
279	5.9	3.3	4.9

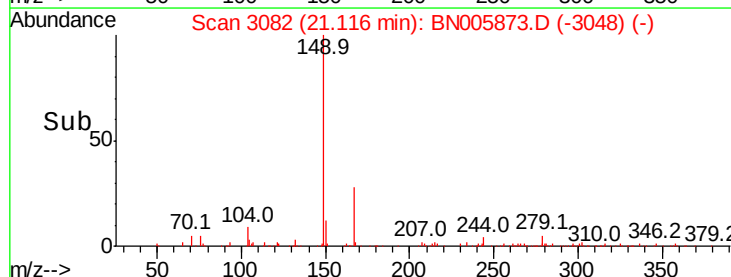
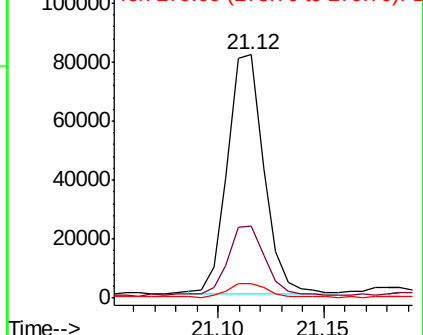


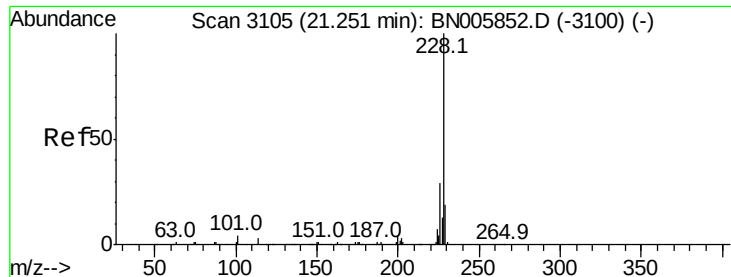
Abundance

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: 16.114 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

ClientSampleId :

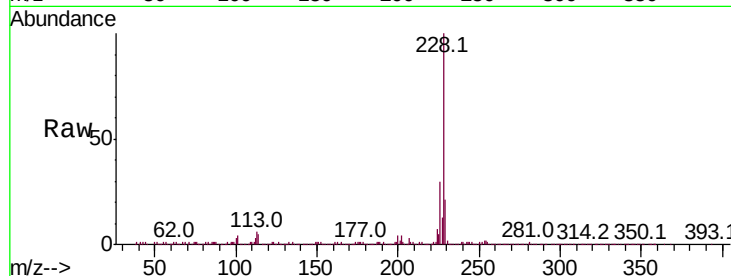
Tot Ion:228 Resp: 654518

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

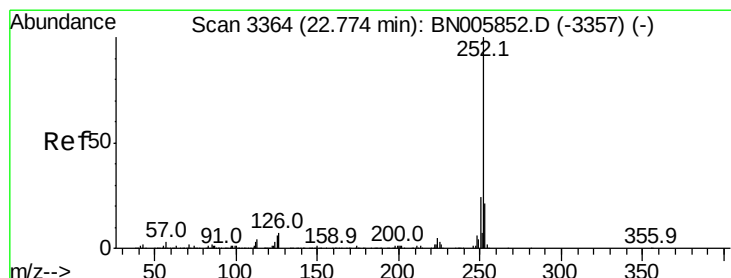
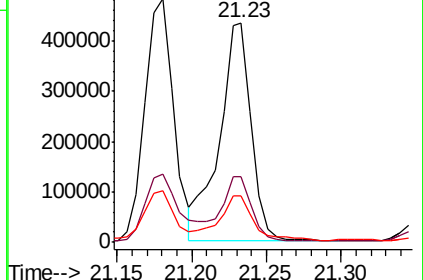
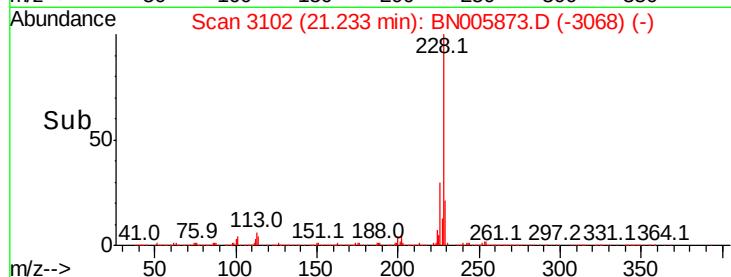
229 21.3 15.4 23.0



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: 2.186 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.17 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

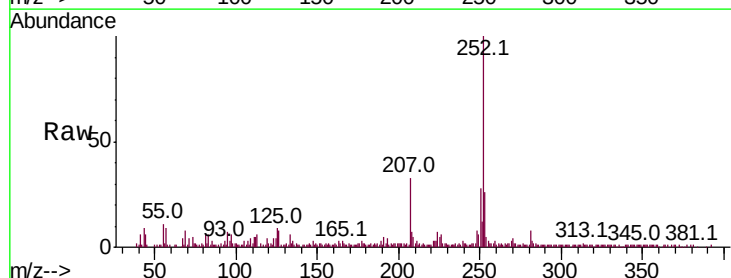
Tgt Ion:252 Resp: 82700

Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

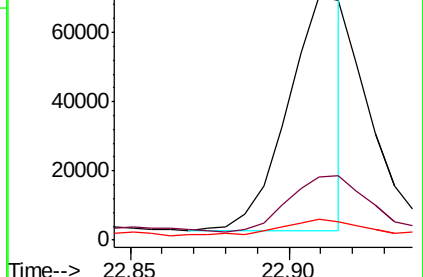
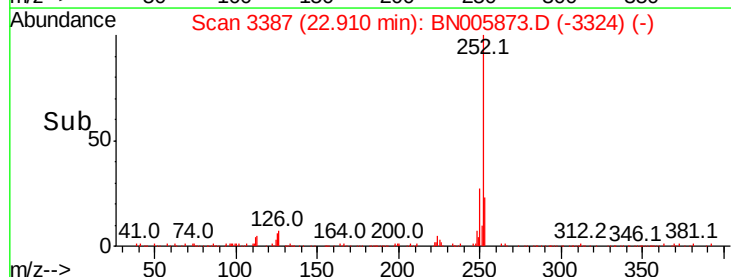
125 8.7 8.4 12.6

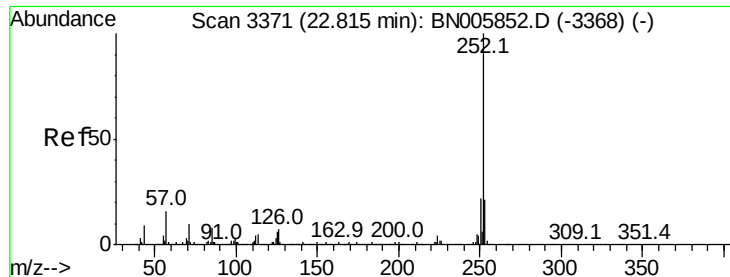


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.231 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. 0.12 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

ClientSampleId :

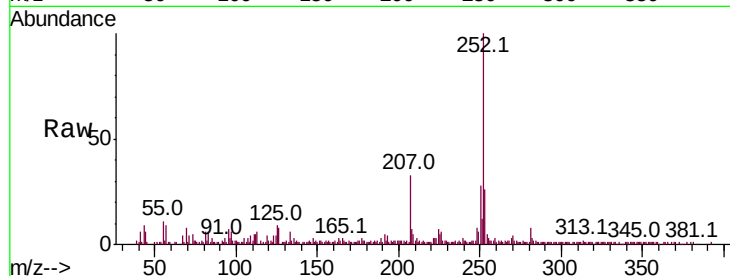
Tot Ion:252 Resp: 118281

Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.0

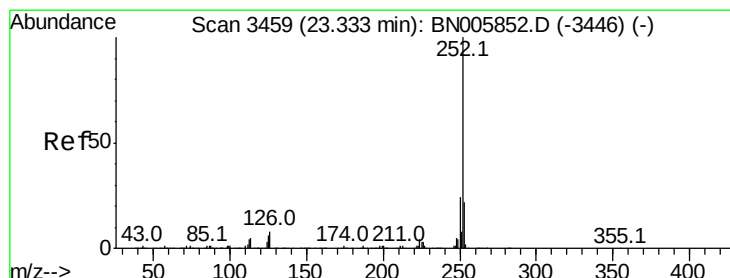
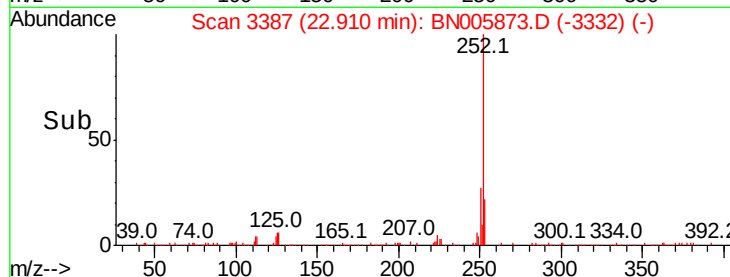
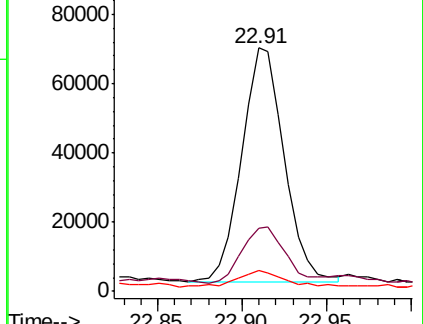
125 8.7 7.5 11.3



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: 9.220 ng/ul

RT: 23.21 min Scan# 3438

Delta R.T. -0.09 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

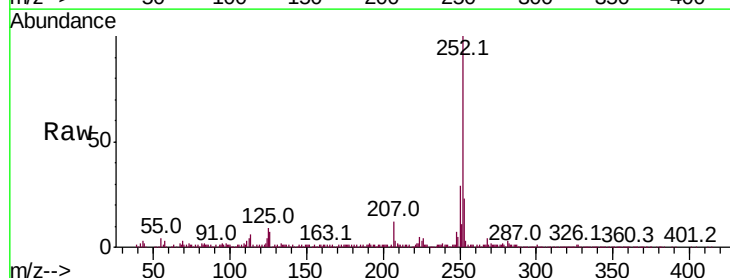
Tgt Ion:252 Resp: 337771

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

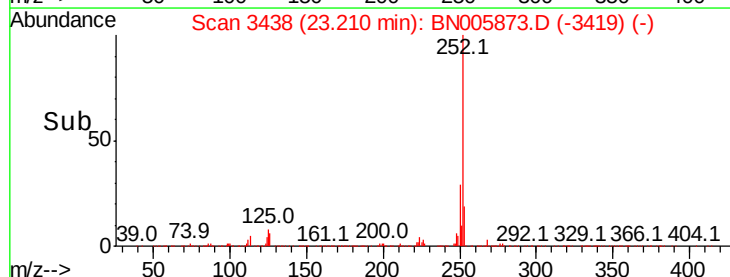
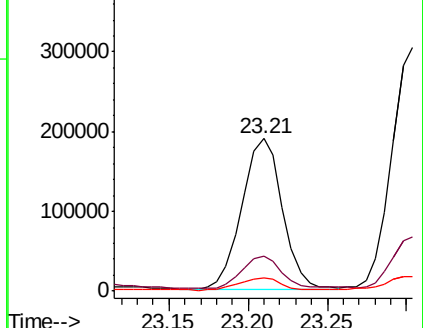
125 8.8 8.6 13.0

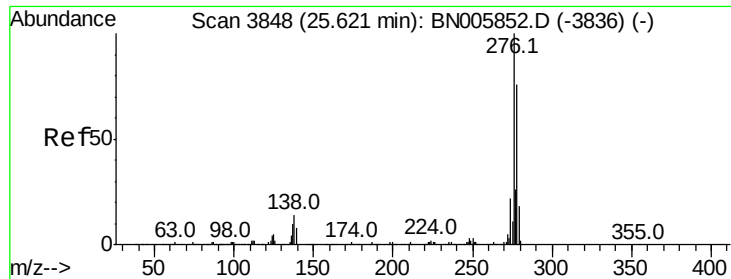


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



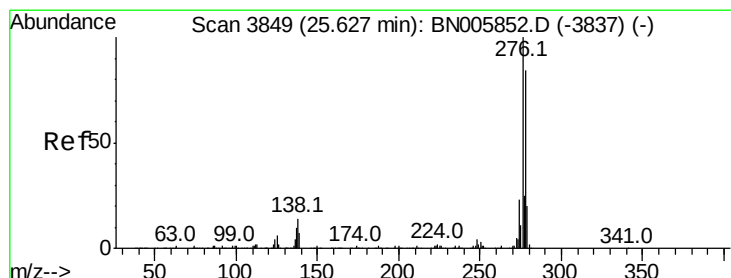
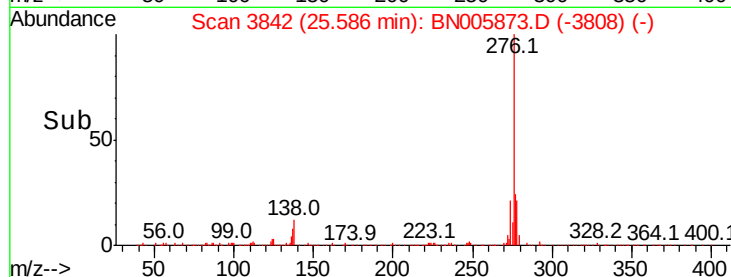
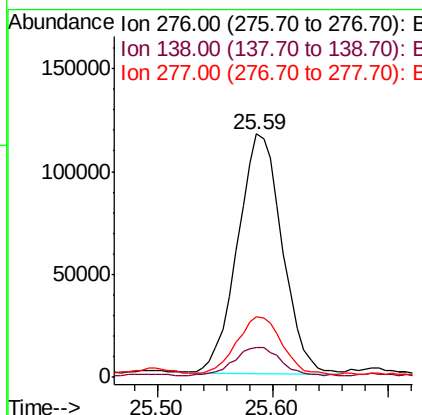
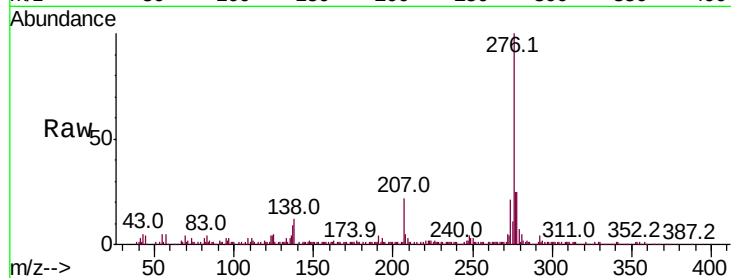


#91

Indeno(1,2,3-cd)pyrene
Concen: 7.010 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.00 min
Lab File: BN005873.D
Acq: 23 May 2019 04:42

Instrument :
BNA_N
ClientSampleId :

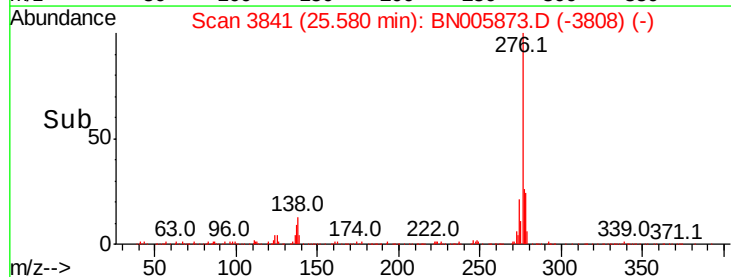
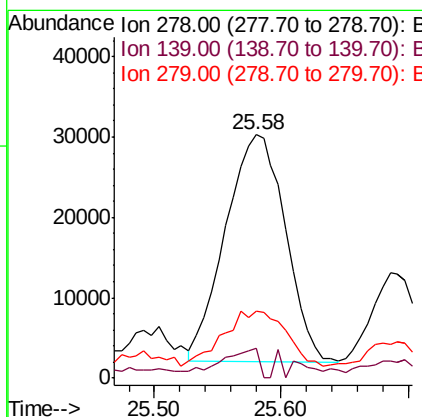
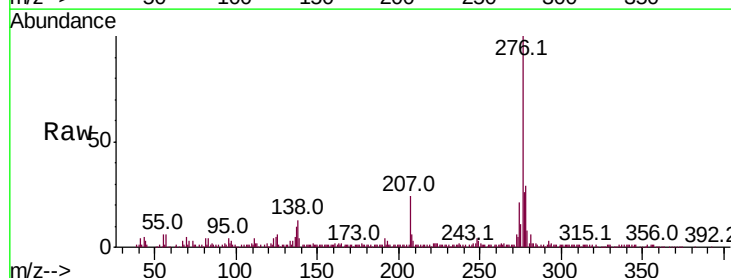
Tot Ion	Ratio	Lower	Upper
276	100		
138	12.1	17.9	26.9#
277	24.9	19.7	29.5

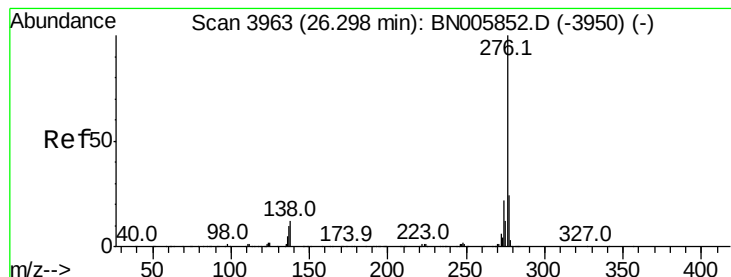


#92

Dibenzo(a,h)anthracene
Concen: 2.467 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BN005873.D
Acq: 23 May 2019 04:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	13.1	19.7#
279	27.7	19.4	29.0





#93

Benzo(a,h,i)perylene

Concen: 5.685 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.00 min

Lab File: BN005873.D

Acq: 23 May 2019 04:42

Instrument :

BNA_N

ClientSampleId :

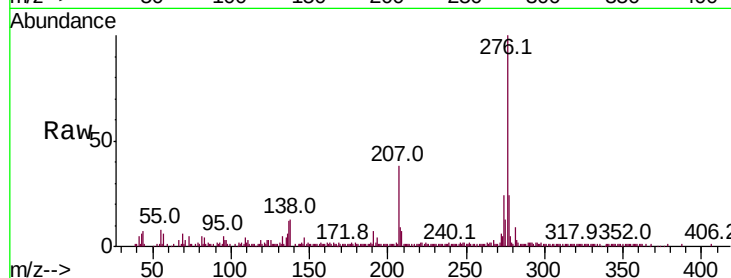
Tot Ion:276 Resp: 212849

Ion Ratio Lower Upper

276 100

138 13.1 16.7 25.1#

277 24.3 18.2 27.2



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

