

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005874.D
 Acq On : 23 May 2019 05:16
 Operator : JU/SJ
 Sample : K2927-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 07:11:56 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	88926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	383669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	265300	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	666792	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	707471	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	688686	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	7387	4.65	ng/uL	0.00
5) Phenol-d5	6.76	99	156692	22.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	93877	26.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	139105	25.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	130366	22.18	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	73197	26.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	79198	24.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	147194	23.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	155096	22.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	605115	29.64	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	715818	28.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	42960	14.94	ng/ul	0.02
57) Fluorene-d10	15.20	176	536811	30.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	25928	6.47	ng/ul	0.00
70) Anthracene-d10	17.06	188	875697	30.40	ng/ul	0.00
78) Pyrene-d10	19.37	212	1052587	30.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	920995	29.81	ng/ul	0.00

Target Compounds

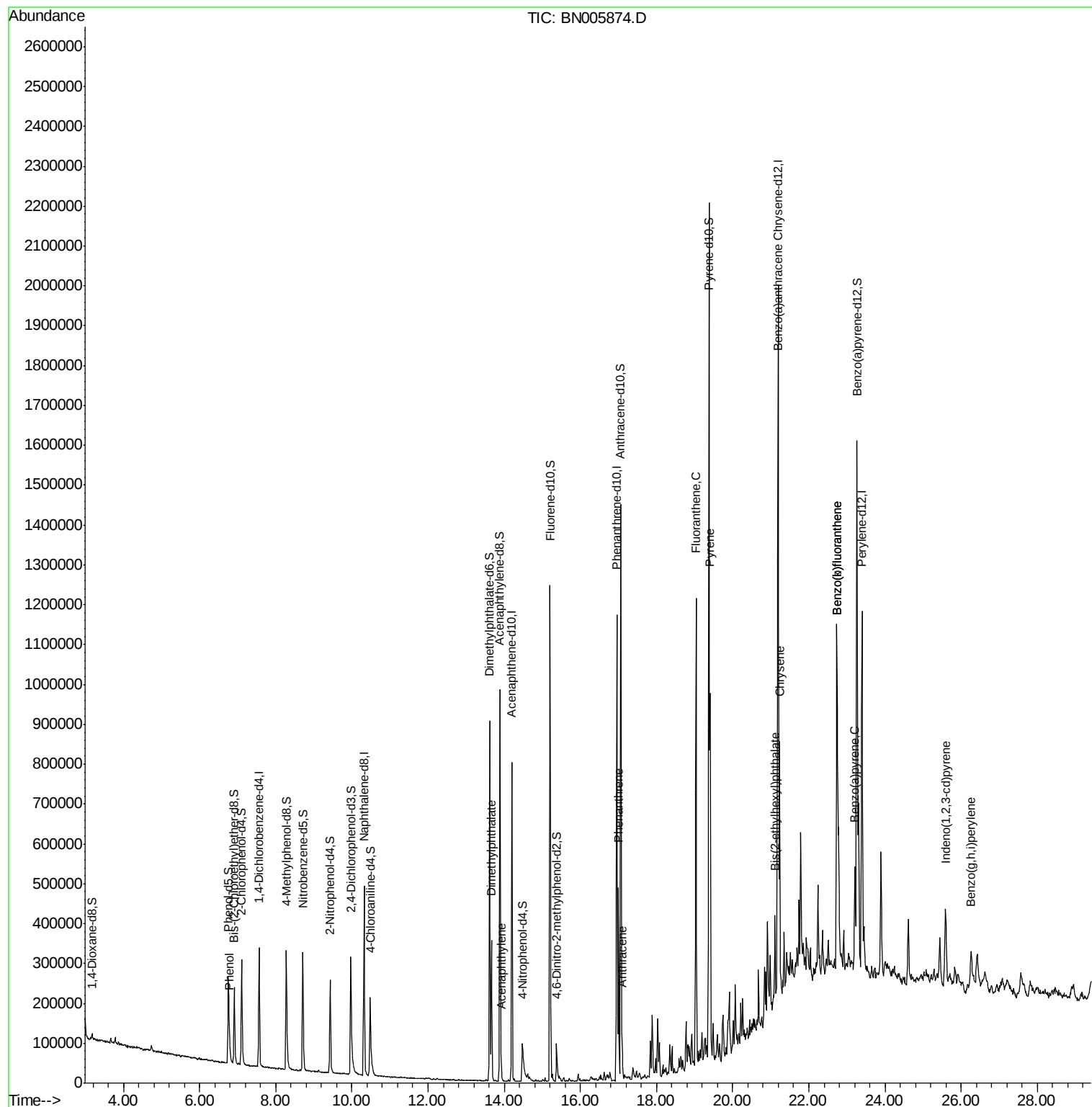
					Ovalue	
6) Phenol	6.79	94	7366	1.051	ng/ul#	71
44) Dimethylphthalate	13.66	163	235547	11.703	ng/ul	100
47) Acenaphthylene	13.92	152	29257	1.225	ng/ul#	96
69) Phenanthrene	17.00	178	291827	8.829	ng/ul	100
71) Anthracene	17.09	178	64923	1.929	ng/ul	98
76) Fluoranthene	19.04	202	724208	17.722	ng/ul#	88
79) Pyrene	19.40	202	671001	15.445	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	397818	8.926	ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.11	149	73318	2.903	ng/ul#	99
84) Chrysene	21.23	228	385201	9.168	ng/ul	96
87) Benzo(b)fluoranthene	22.75	252	451190	11.909	ng/ul#	95
88) Benzo(k)fluoranthene	22.75	252	451190	12.308	ng/ul#	96
90) Benzo(a)pyrene	23.21	252	202992	5.533	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.59	276	189119	4.216	ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	123913	3.305	ng/ul#	89

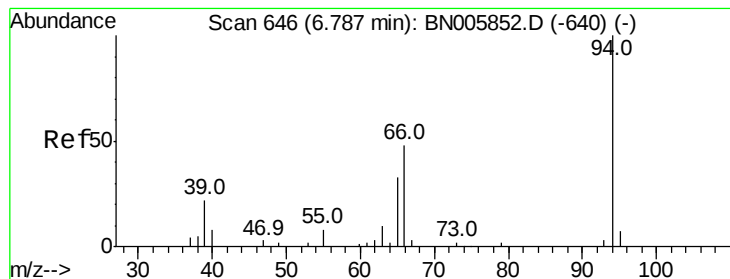
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#6

Phenol

Concen: 1.051 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampled :

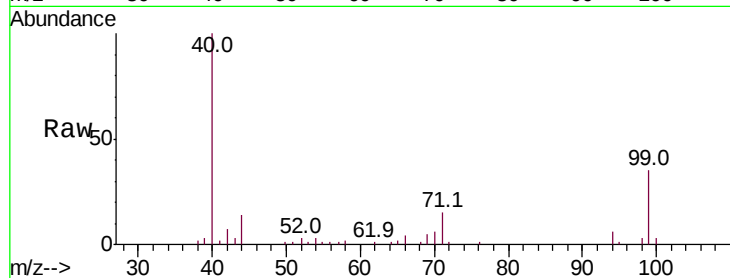
Tot Ion: 94 Resp: 7366

Ion Ratio Lower Upper

94 100

65 36.9 24.2 36.4#

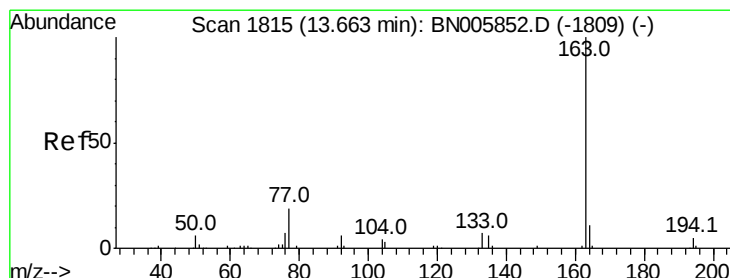
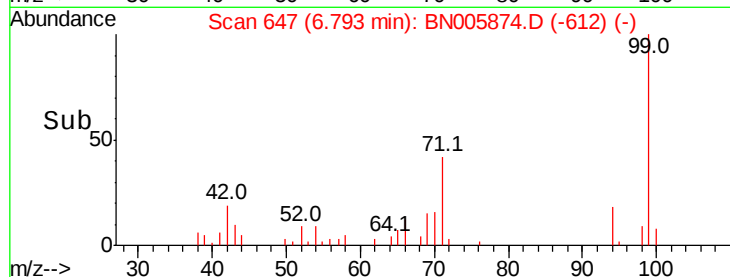
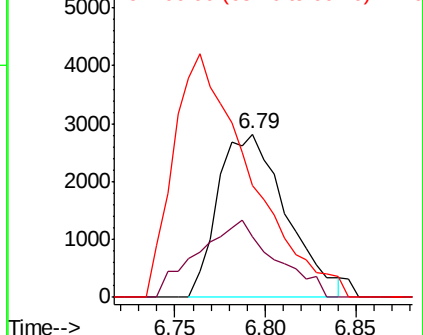
66 68.6 33.8 50.6#



Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC



#44

Dimethylphthalate

Concen: 11.703 ng/ul

RT: 13.66 min Scan# 1815

Delta R.T. -0.00 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

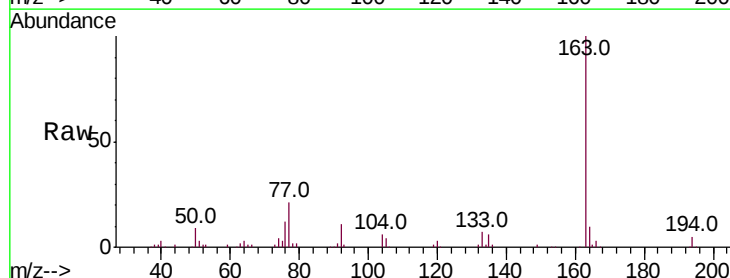
Tgt Ion:163 Resp: 235547

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

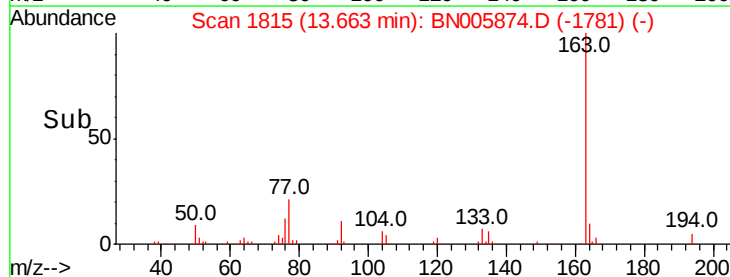
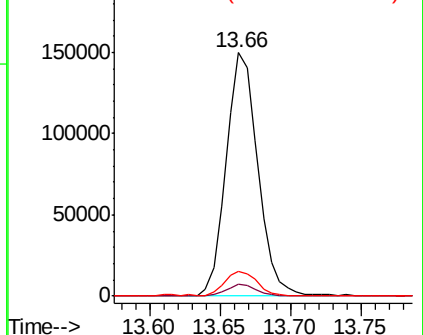
164 10.1 8.1 12.1

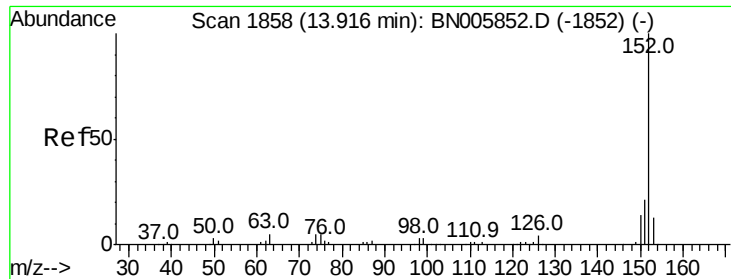


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 1.225 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampleId :

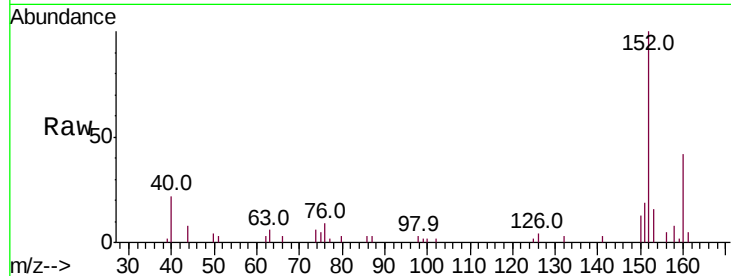
Tot Ion:152 Resp: 29257

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.8

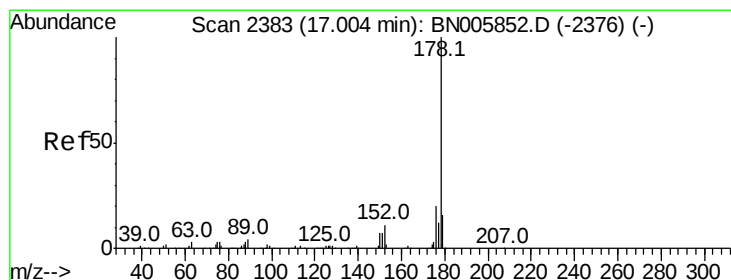
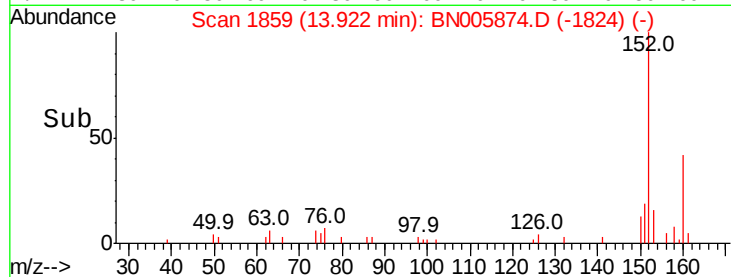
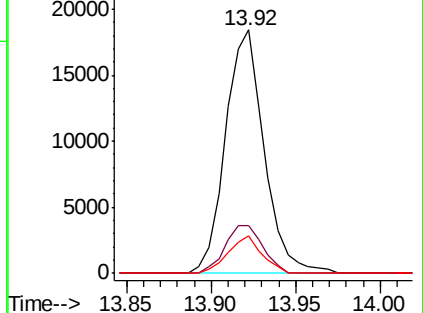
153 15.5 9.8 14.8#



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: 8.829 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

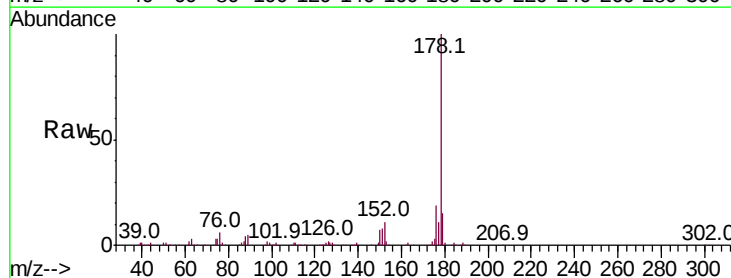
Tgt Ion:178 Resp: 291827

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.4

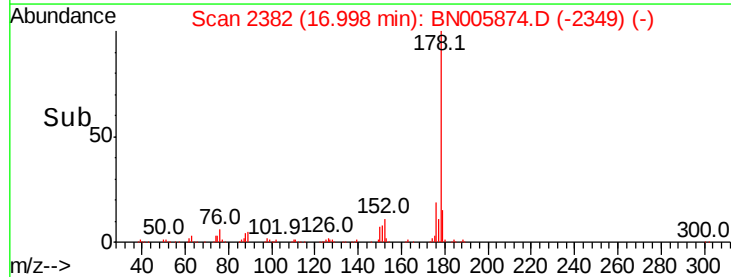
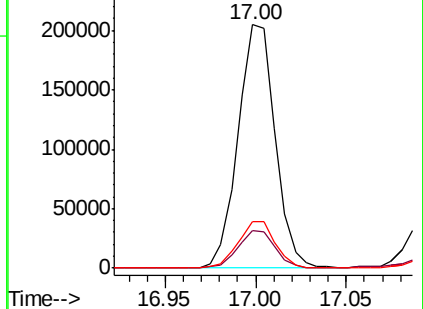
176 19.0 15.1 22.7

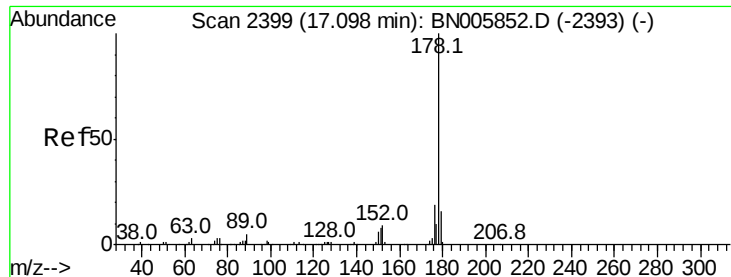


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

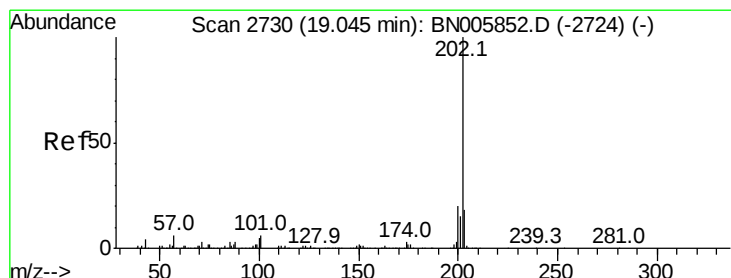
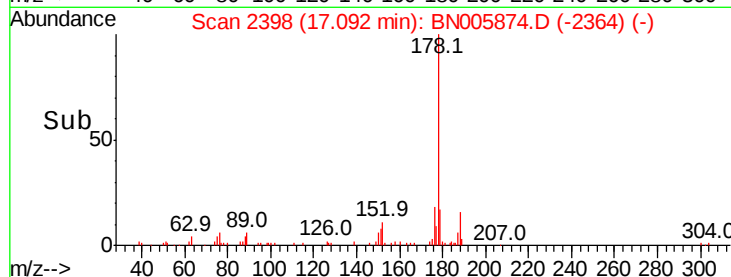
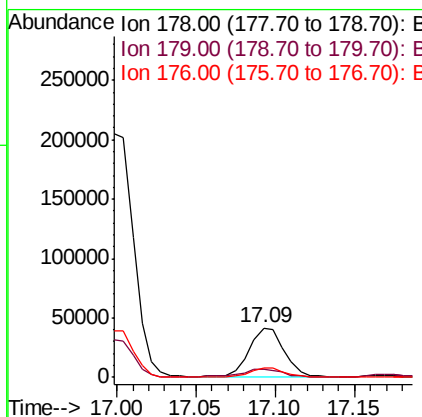
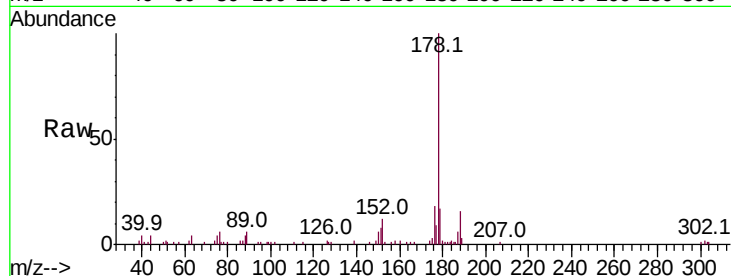




#71
 Anthracene
 Concen: 1.929 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BN005874.D
 Acq: 23 May 2019 05:16

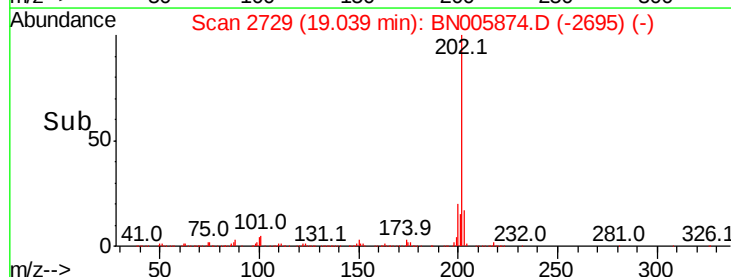
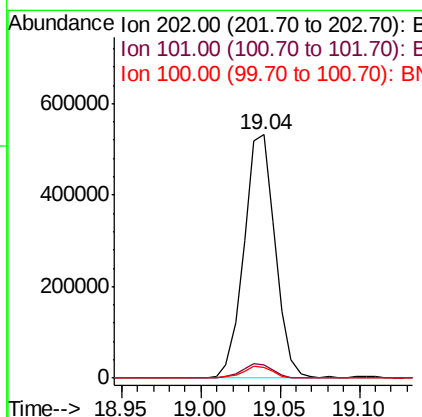
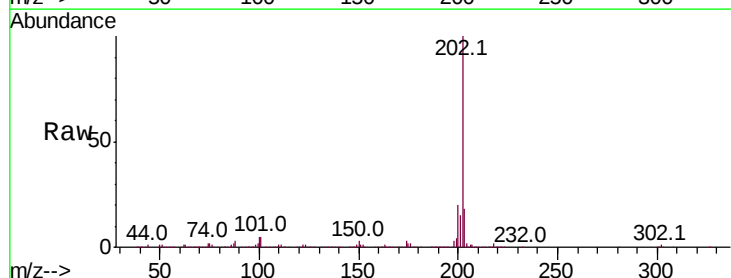
Instrument :
 BNA_N
 ClientSampleId :

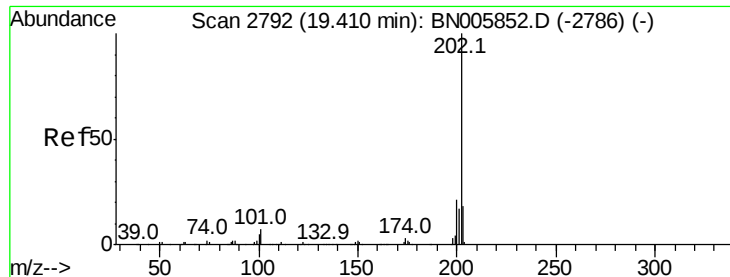
Tot Ion:178 Resp: 64923
 Ion Ratio Lower Upper
 178 100
 179 16.6 12.3 18.5
 176 18.5 15.1 22.7



#76
 Fluoranthene
 Concen: 17.722 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005874.D
 Acq: 23 May 2019 05:16

Tgt Ion:202 Resp: 724208
 Ion Ratio Lower Upper
 202 100
 101 5.4 8.6 12.8#
 100 4.5 6.3 9.5#

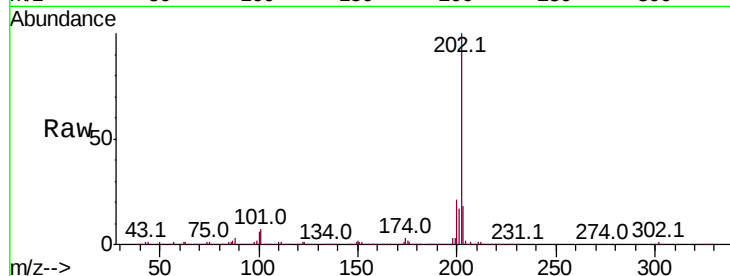




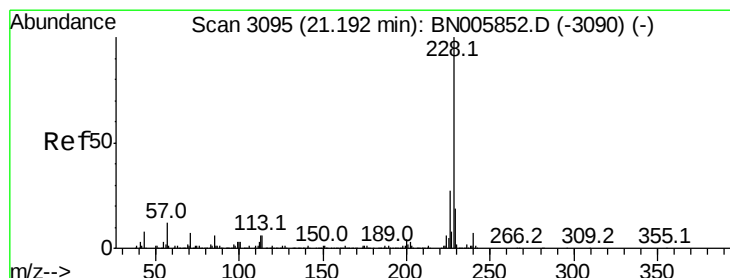
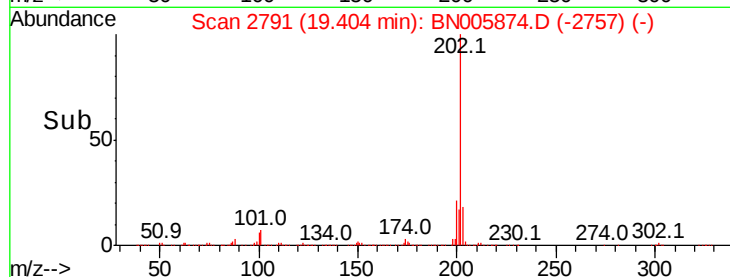
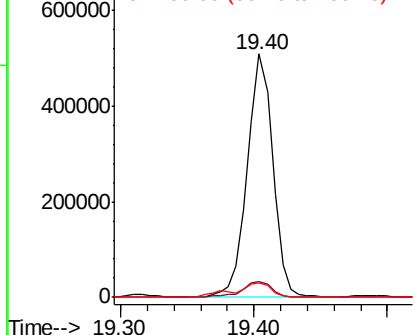
#79
Pvrene
Concen: 15.445 ng/ul
RT: 19.40 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.7	10.3	15.5#
100	6.1	7.9	11.9#

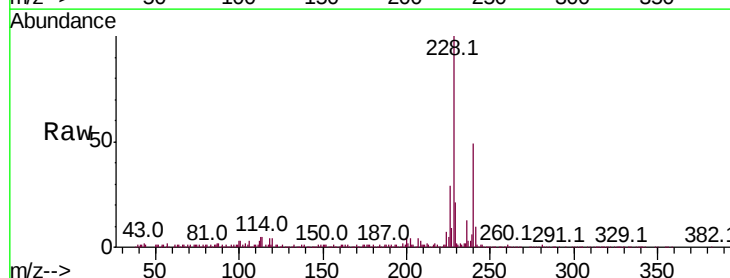


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

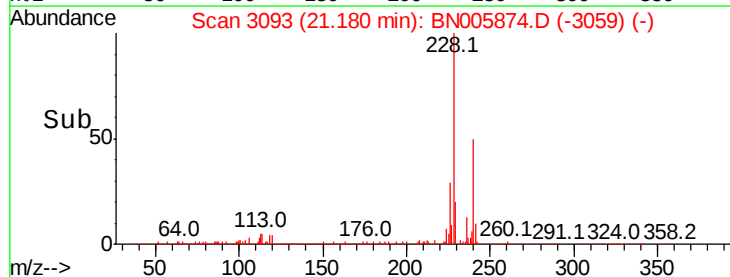
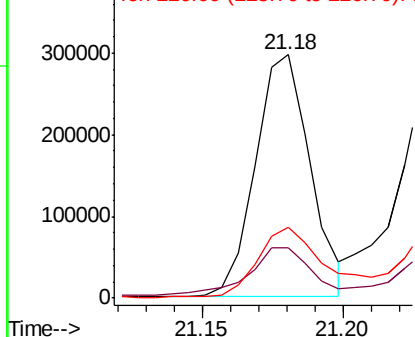


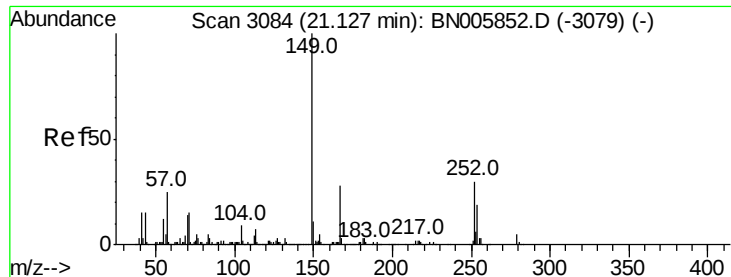
#82
Benzo(a)anthracene
Concen: 8.926 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	29.2	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: 2.903 ng/ul

RT: 21.11 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampleId :

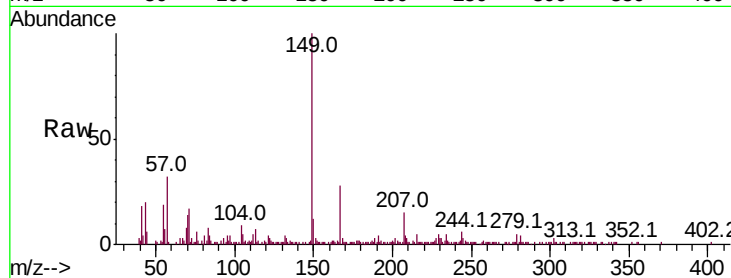
Tot Ion:149 Resp: 73318

Ion Ratio Lower Upper

149 100

167 28.2 22.3 33.5

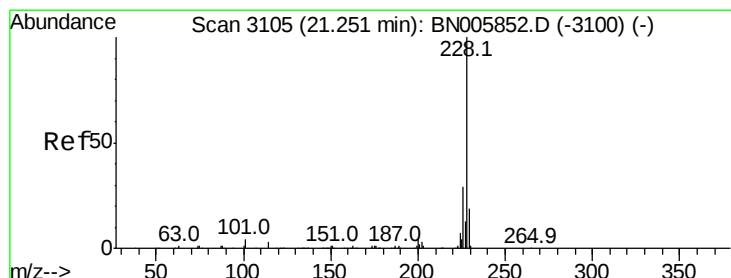
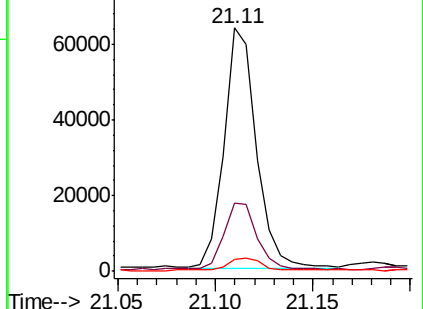
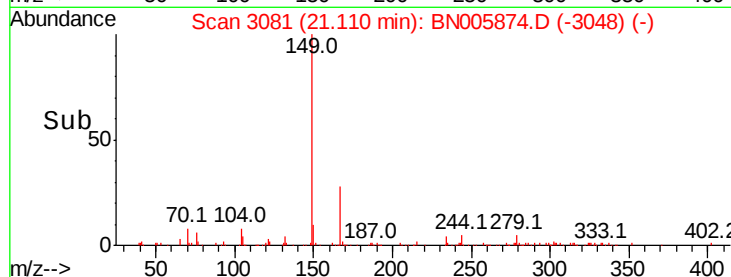
279 5.2 3.3 4.9#



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: 9.168 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

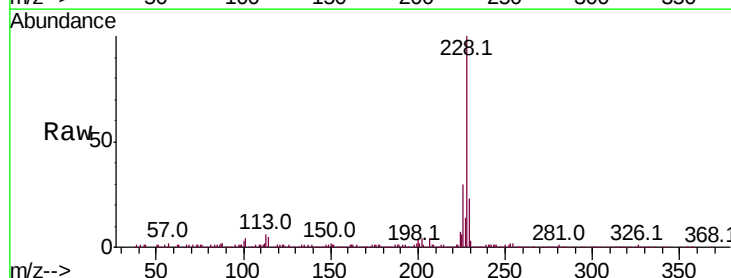
Tgt Ion:228 Resp: 385201

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

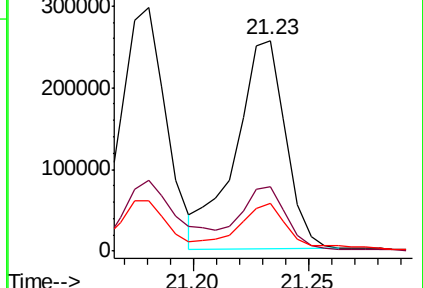
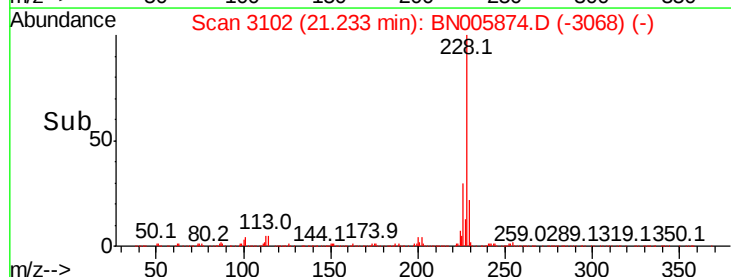
229 22.8 15.4 23.0

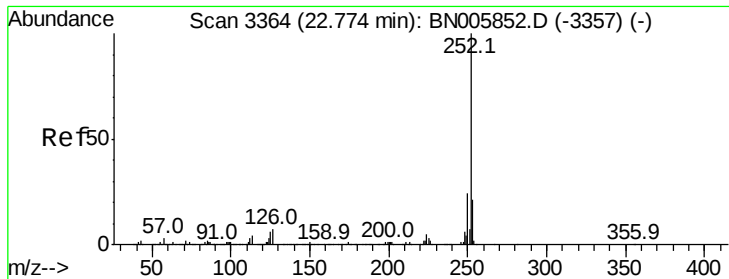


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

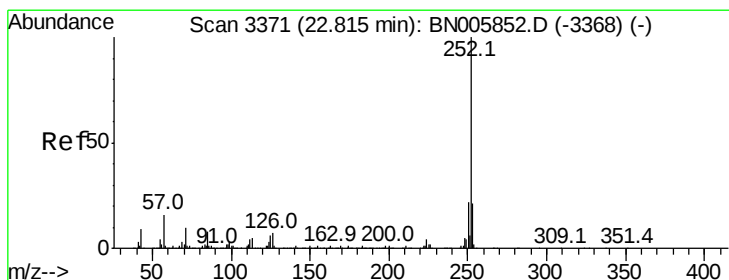
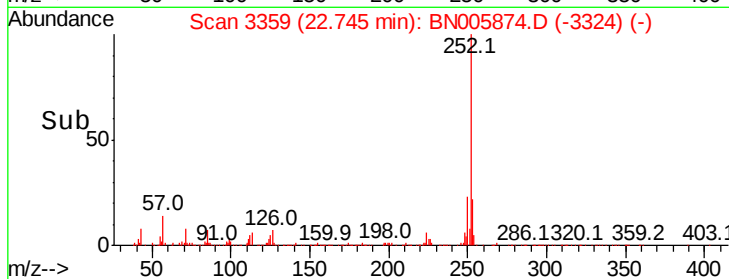
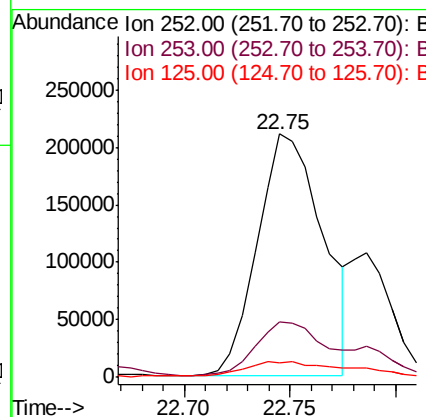
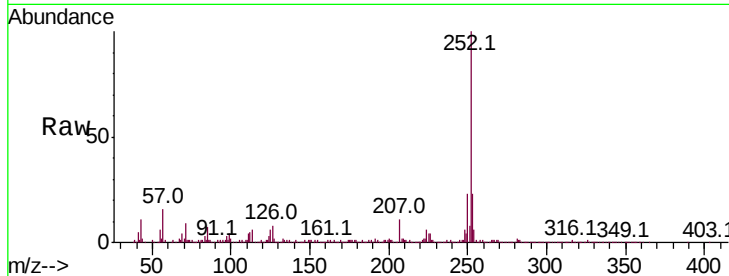




#87
Benzo(b)fluoranthene
Concen: 11.909 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

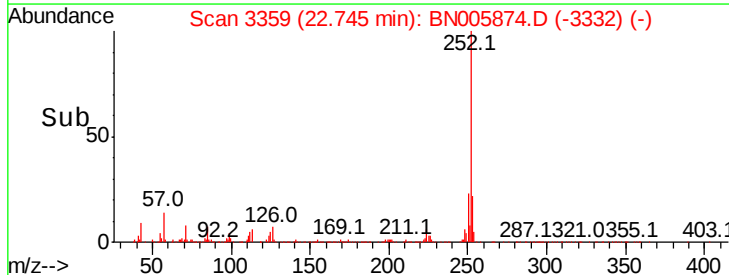
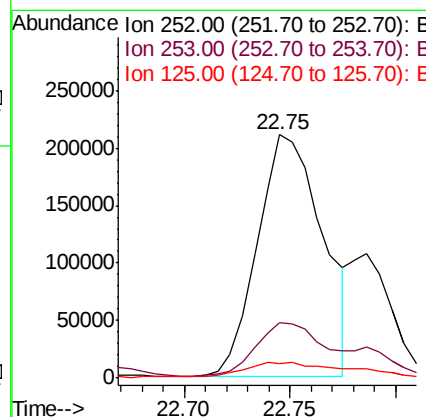
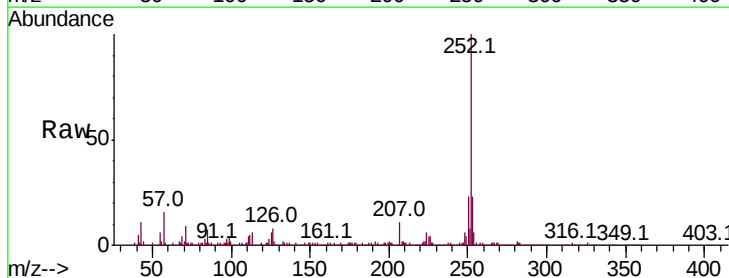
Instrument :
BNA_N
ClientSampleId :

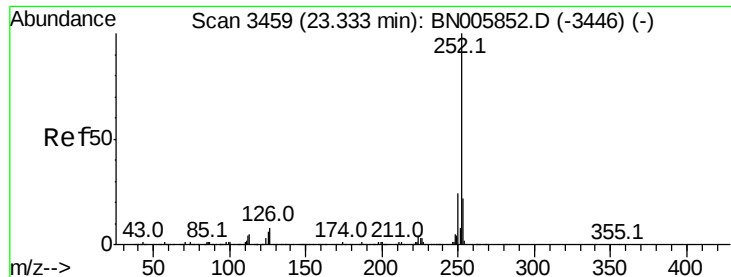
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	6.0	8.4	12.6



#88
Benzo(k)fluoranthene
Concen: 12.308 ng/ul
RT: 22.75 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BN005874.D
Acq: 23 May 2019 05:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	6.0	7.5	11.3





#90

Benzo(a)pyrene

Concen: 5.533 ng/ul

RT: 23.21 min Scan# 3438

Delta R.T. -0.09 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampleId :

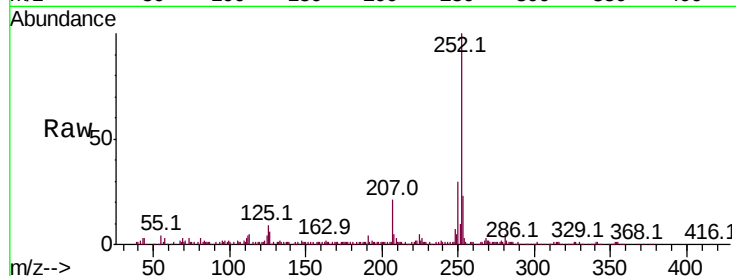
Tot Ion:252 Resp: 202992

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

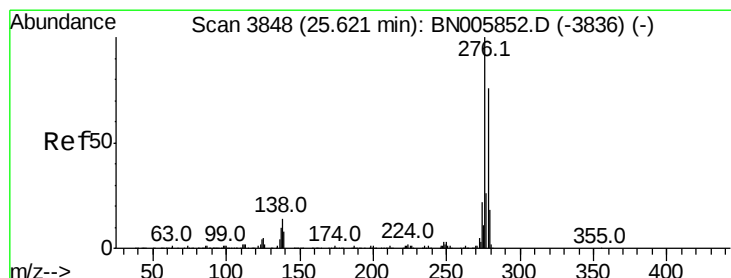
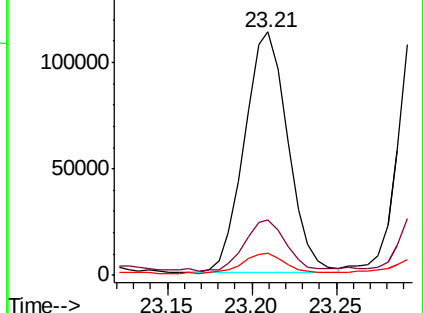
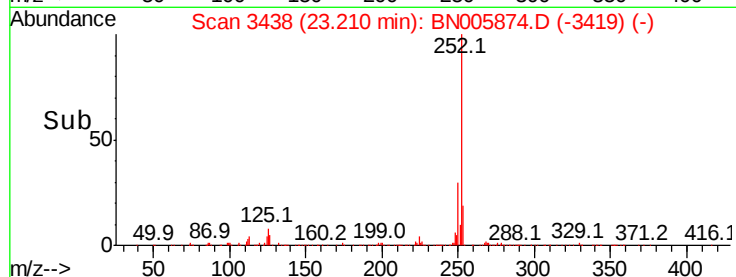
125 9.2 8.6 13.0



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: 4.216 ng/ul

RT: 25.59 min Scan# 3843

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

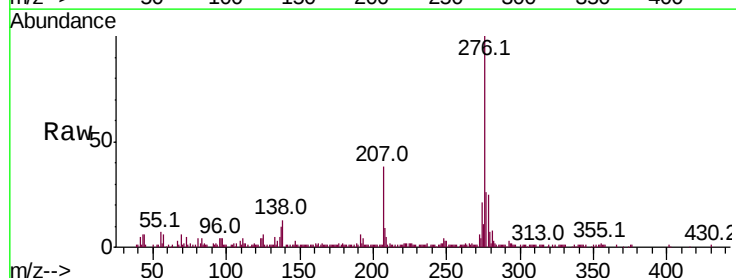
Tgt Ion:276 Resp: 189119

Ion Ratio Lower Upper

276 100

138 13.0 17.9 26.9#

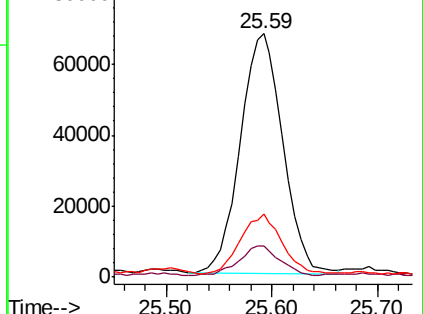
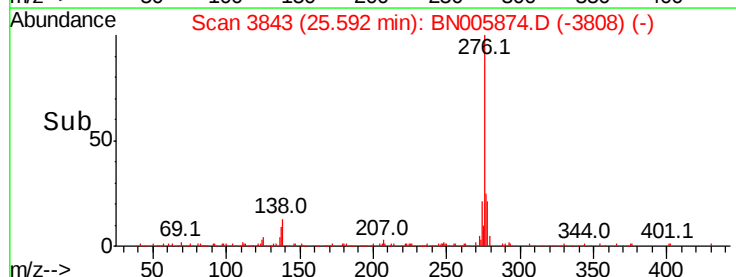
277 25.7 19.7 29.5

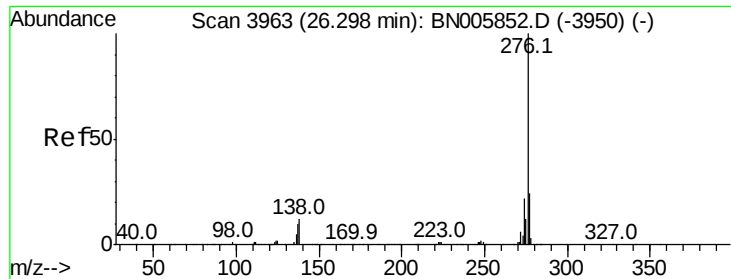


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.305 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BN005874.D

Acq: 23 May 2019 05:16

Instrument :

BNA_N

ClientSampleId :

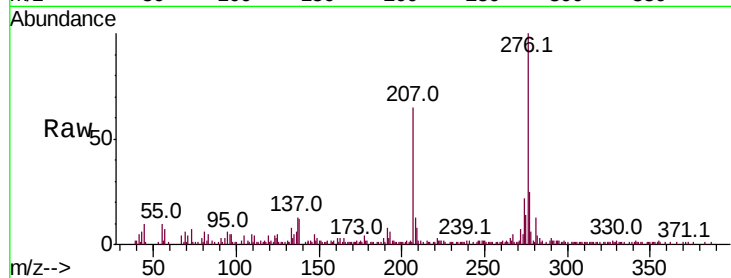
Tot Ion:276 Resp: 123913

Ion Ratio Lower Upper

276 100

138 12.0 16.7 25.1#

277 24.6 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

