

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005573.D
 Acq On : 09 May 2019 19:26
 Operator : JU/SJ
 Sample : K2634-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 10 01:20:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	269753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1210123	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	779513	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1836325	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1366818	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1322905	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	15433	2.76	ng/uL	0.00
5) Phenol-d5	6.77	99	329007	15.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	208760	15.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	282371	17.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	289691	17.49	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	155167	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	174147	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	296277	17.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	387518	21.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1124523	19.87	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1278399	18.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	564	0.06	ng/ul	0.15
57) Fluorene-d10	15.22	176	951993	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	99990	12.11	ng/ul	0.00
70) Anthracene-d10	17.07	188	1467705	19.07	ng/ul	0.00
78) Pyrene-d10	19.39	212	1517220	21.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1092651	18.90	ng/ul	0.00

Target Compounds

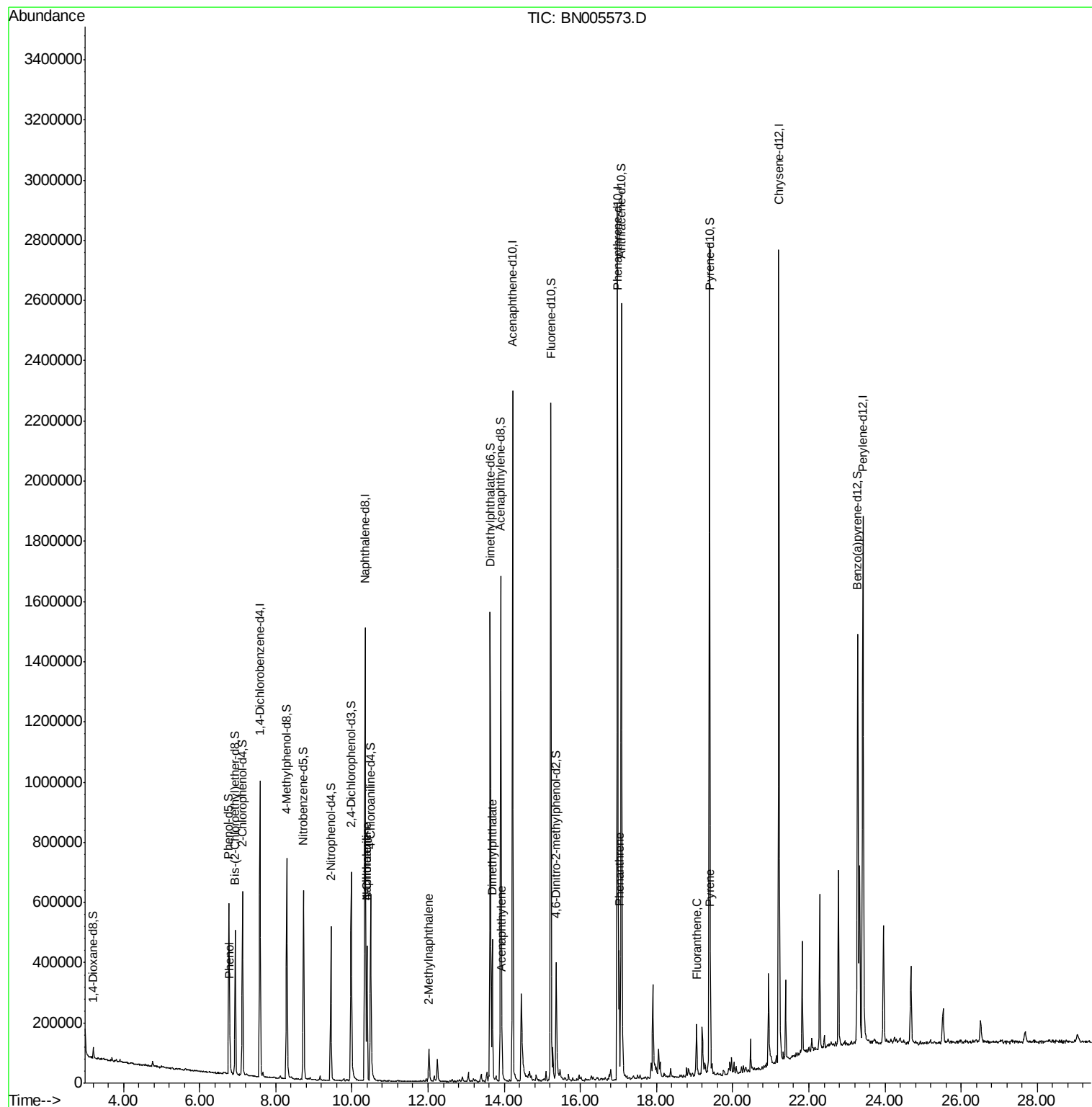
					Ovalue
6) Phenol	6.80	94	48257	2.214 ng/ul	98
28) Naphthalene	10.39	128	356969	6.345 ng/ul	99
30) 4-Chloroaniline	10.39	127	46609	2.564 ng/ul#	4
34) 2-Methylnaphthalene	12.02	142	67766	1.645 ng/ul	93
44) Dimethylphthalate	13.69	163	305864	5.425 ng/ul	99
47) Acenaphthylene	13.94	152	97543	1.428 ng/ul	99
69) Phenanthrene	17.02	178	243466	2.722 ng/ul	96
76) Fluoranthene	19.05	202	103750	1.046 ng/ul#	93
79) Pvrene	19.42	202	151071	1.717 ng/ul#	94

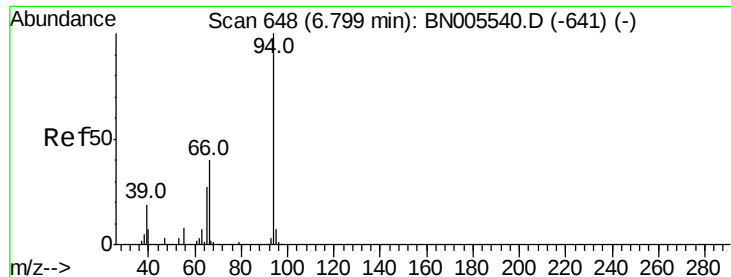
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 2.214 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

Instrument :

BNA_N

ClientSampleId :

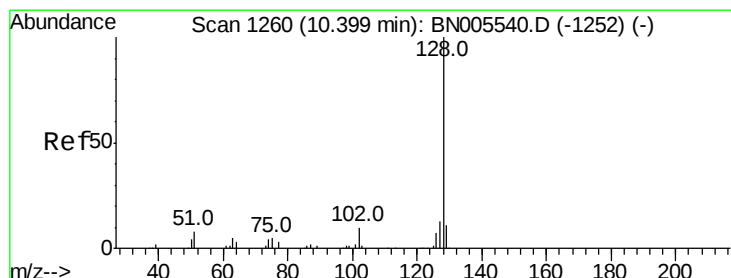
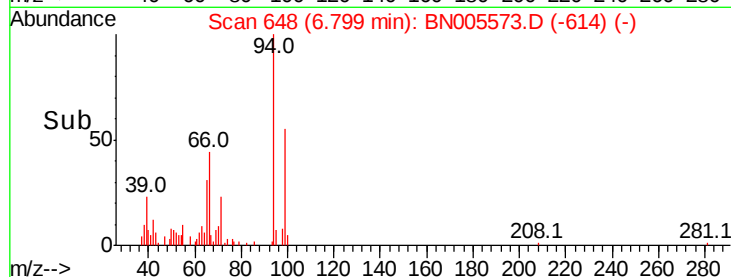
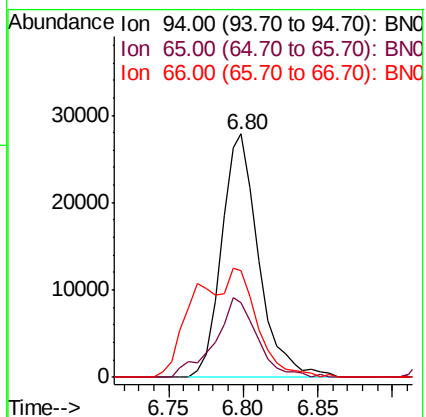
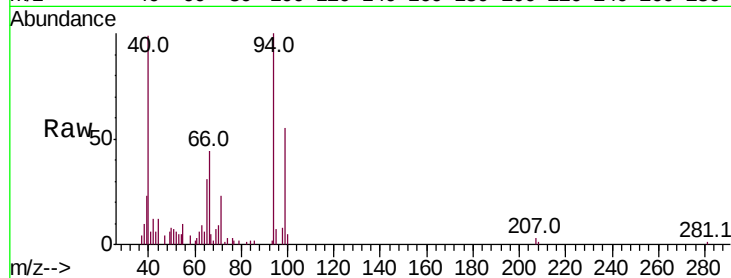
Tot Ion: 94 Resp: 48257

Ion Ratio Lower Upper

94 100

65 30.8 24.2 36.4

66 43.6 33.8 50.6



#28

Naphthalene

Concen: 6.345 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

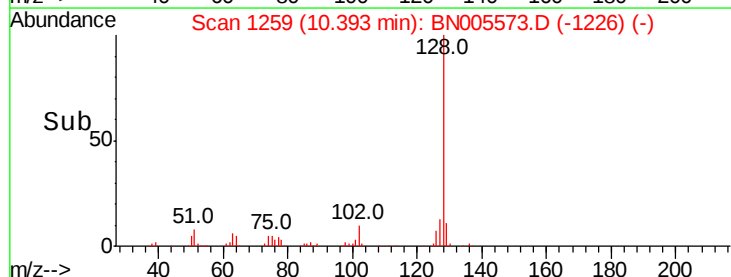
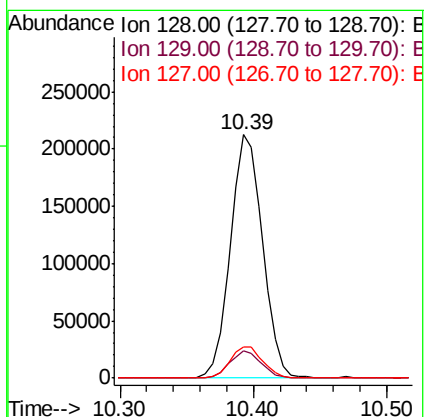
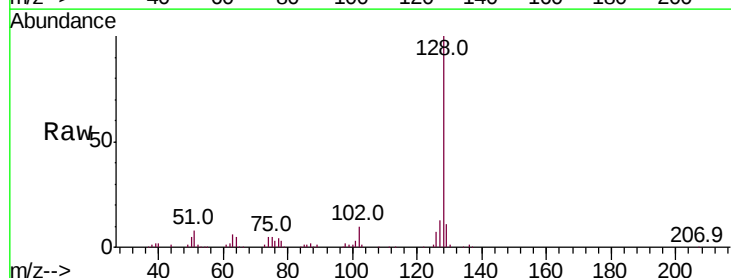
Tgt Ion: 128 Resp: 356969

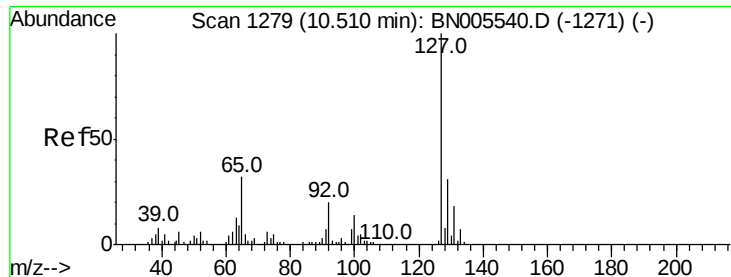
Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

127 13.0 10.7 16.1

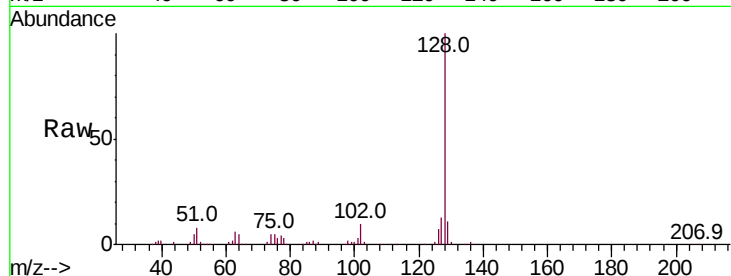




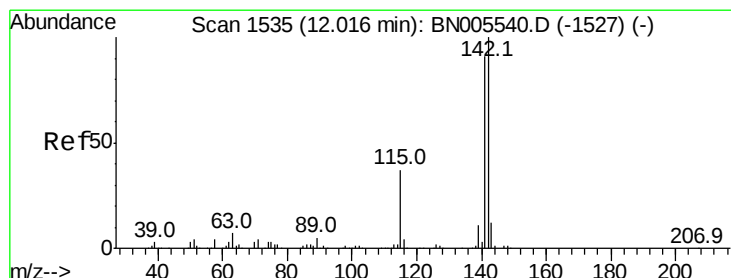
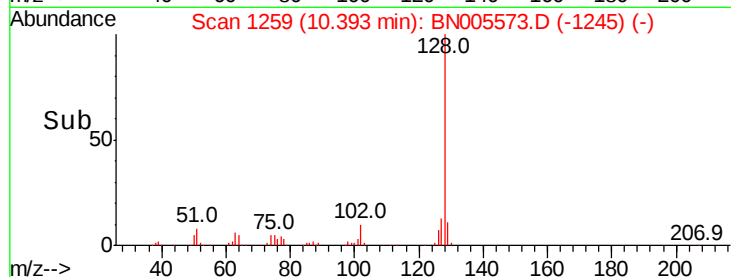
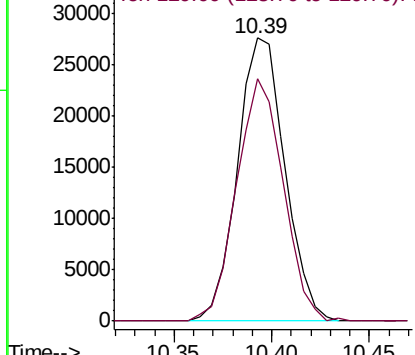
#30
4-Chloroaniline
Concen: 2.564 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.12 min
Lab File: BN005573.D
Acq: 09 May 2019 19:26

Instrument :
BNA_N
ClientSampleId :

Tot Ion:127 Resp: 46609
Ion Ratio Lower Upper
127 100
129 85.8 25.8 38.6#

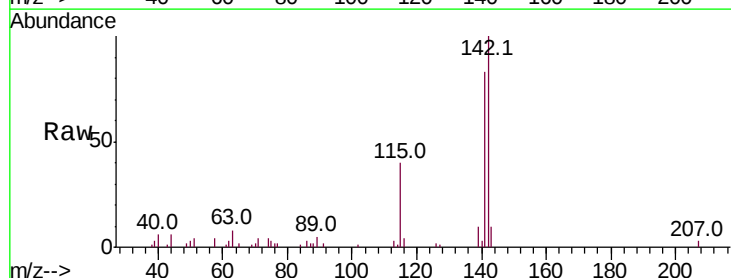


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E

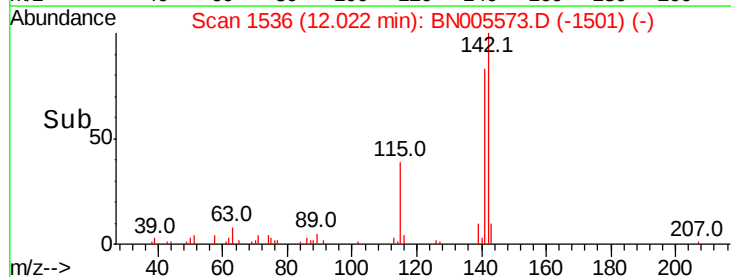
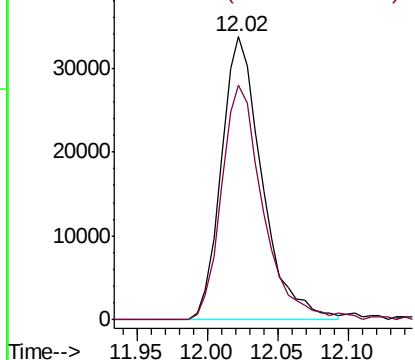


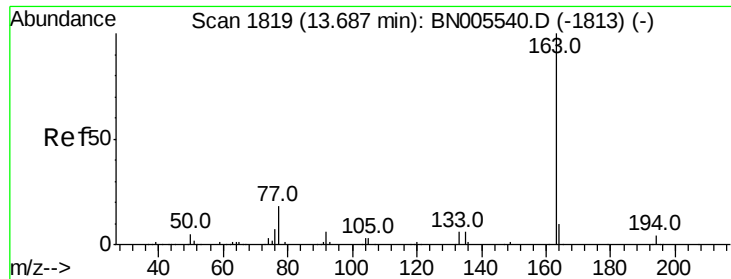
#34
2-Methylnaphthalene
Concen: 1.645 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BN005573.D
Acq: 09 May 2019 19:26

Tgt Ion:142 Resp: 67766
Ion Ratio Lower Upper
142 100
141 83.1 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#44

Dimethylphthalate

Concen: 5.425 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

Instrument :

BNA_N

ClientSampled :

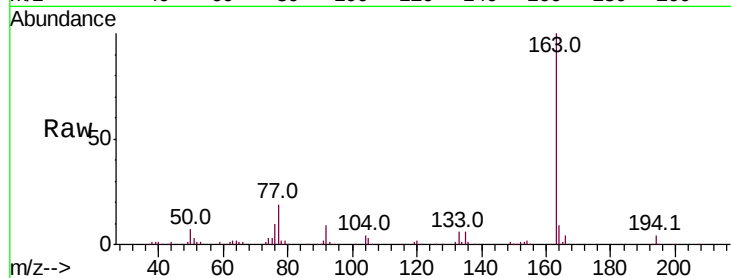
Tot Ion:163 Resp: 305864

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

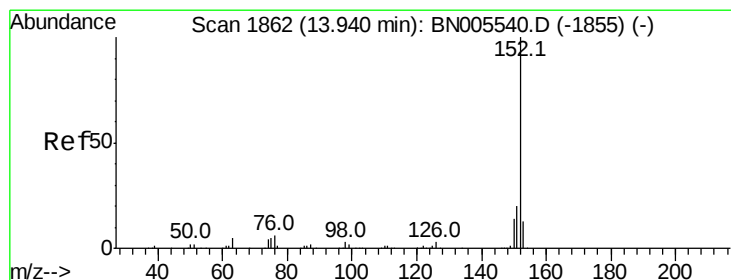
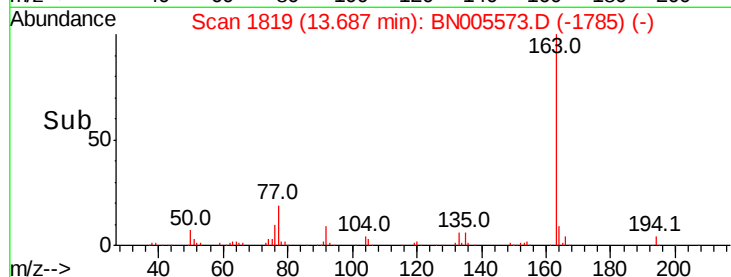
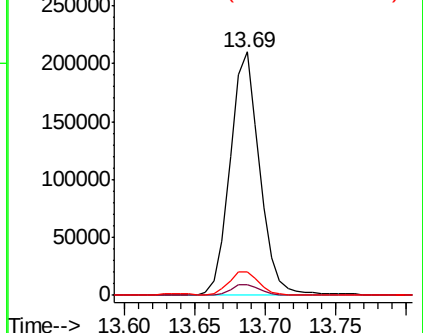
164 9.5 8.1 12.1



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: 1.428 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

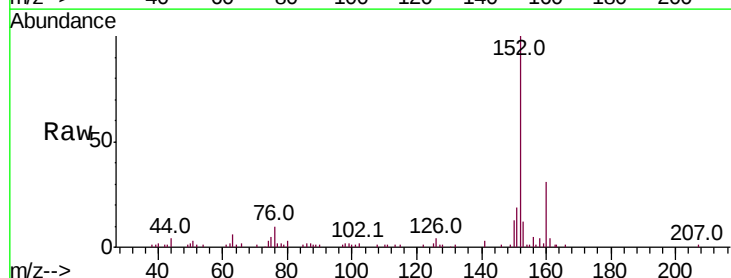
Tgt Ion:152 Resp: 97543

Ion Ratio Lower Upper

152 100

151 18.8 15.8 23.8

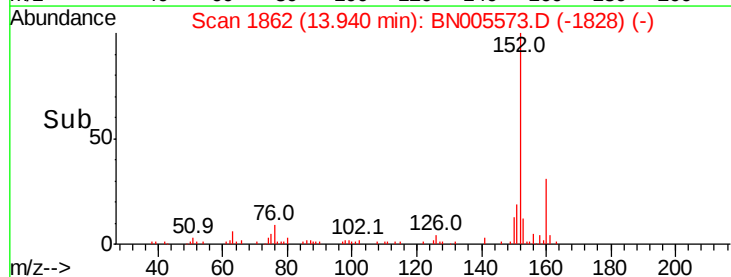
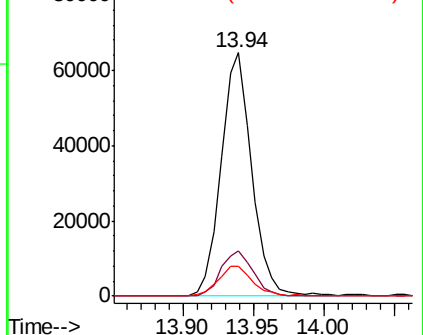
153 12.4 9.8 14.8

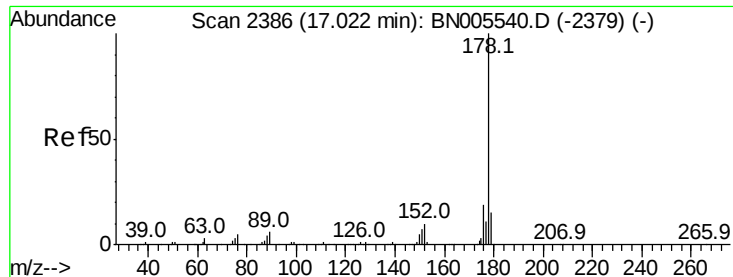


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 2.722 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

Instrument :

BNA_N

ClientSampled :

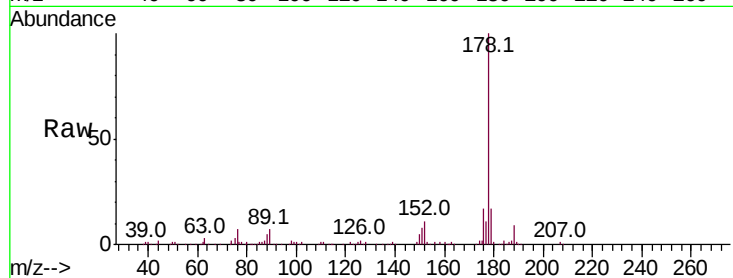
Tot Ion:178 Resp: 243466

Ion Ratio Lower Upper

178 100

179 16.8 12.2 18.4

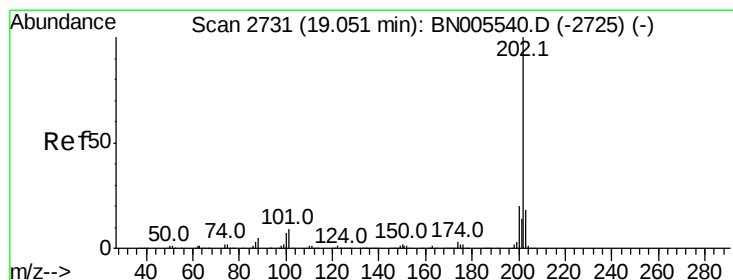
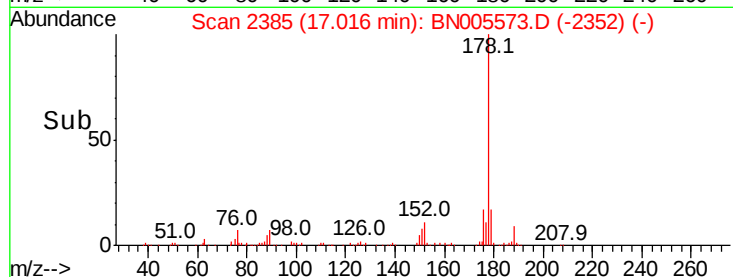
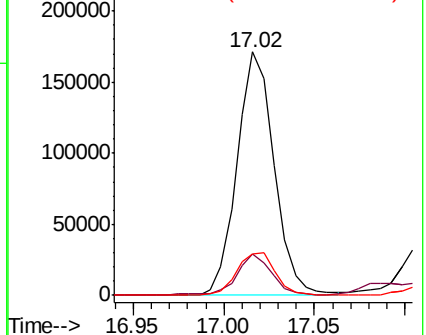
176 17.1 15.1 22.7



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



#76

Fluoranthene

Concen: 1.046 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

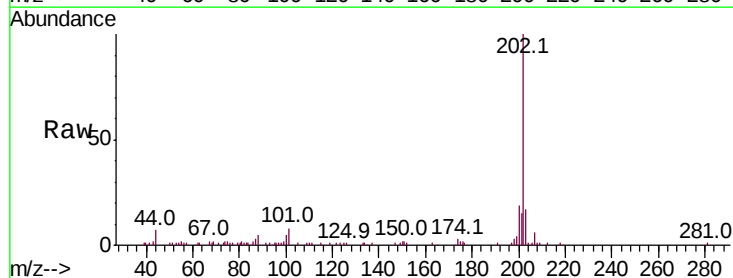
Tgt Ion:202 Resp: 103750

Ion Ratio Lower Upper

202 100

101 8.5 8.6 12.8#

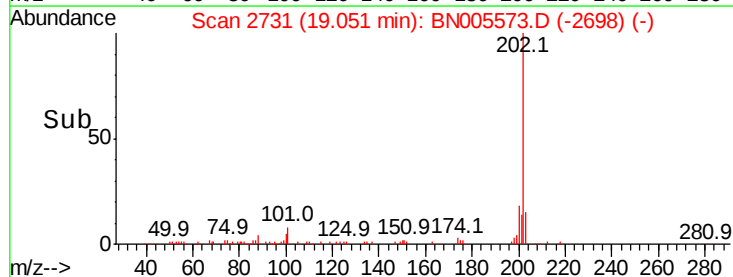
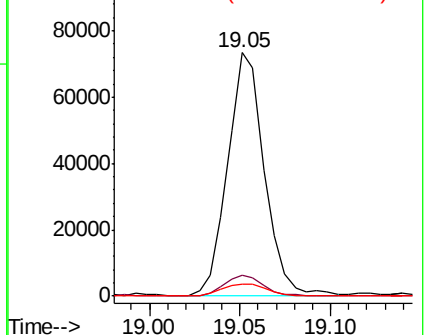
100 4.9 6.3 9.5#

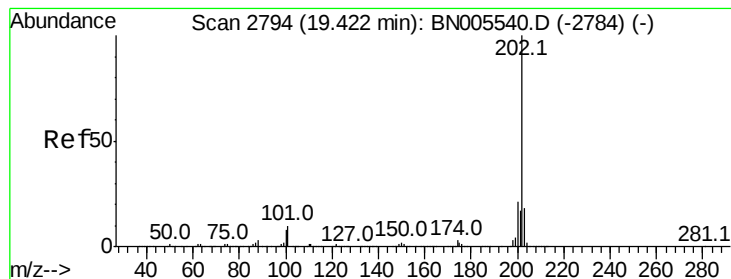


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 1.717 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005573.D

Acq: 09 May 2019 19:26

Instrument :

BNA_N

ClientSampleId :

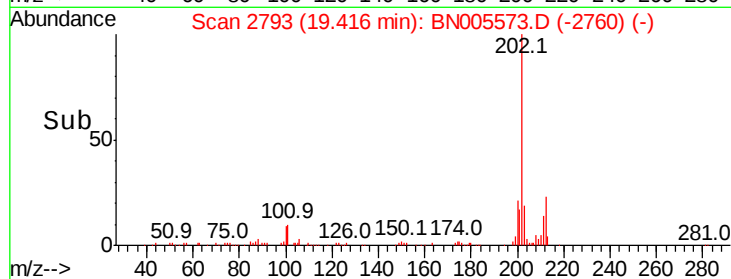
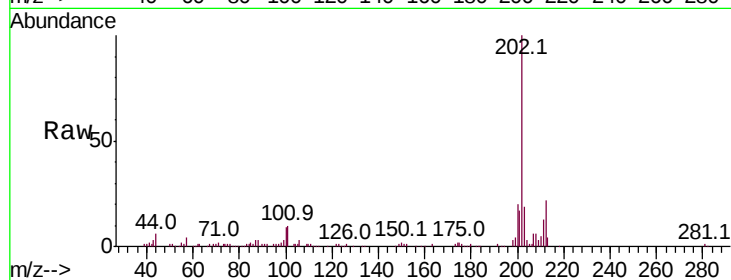
Tot Ion: 202 Resp: 151071

Ion Ratio Lower Upper

202 100

101 9.5 10.3 15.5#

100 9.1 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

