

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
 Data File : BN007816.D
 Acq On : 23 Sep 2019 23:52
 Operator : HP/JU
 Sample : K4895-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 24 01:15:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 23 15:18:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	568633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2318148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1501368	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3203284	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3540676	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4009959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16226	1.08	ng/uL	0.01
5) Phenol-d5	6.86	99	312433	5.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	726072	23.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	777529	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	544858	13.20	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	471080	27.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	483455	30.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	952073	25.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1164007	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3491522	29.23	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3646084	26.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	126097	5.93	ng/ul	0.00
57) Fluorene-d10	15.31	176	2932840	28.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	478000	27.65	ng/ul	0.00
70) Anthracene-d10	17.16	188	5002001	31.37	ng/ul	0.00
78) Pyrene-d10	19.46	212	6097842	31.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6908911	33.11	ng/ul	0.00

Target Compounds

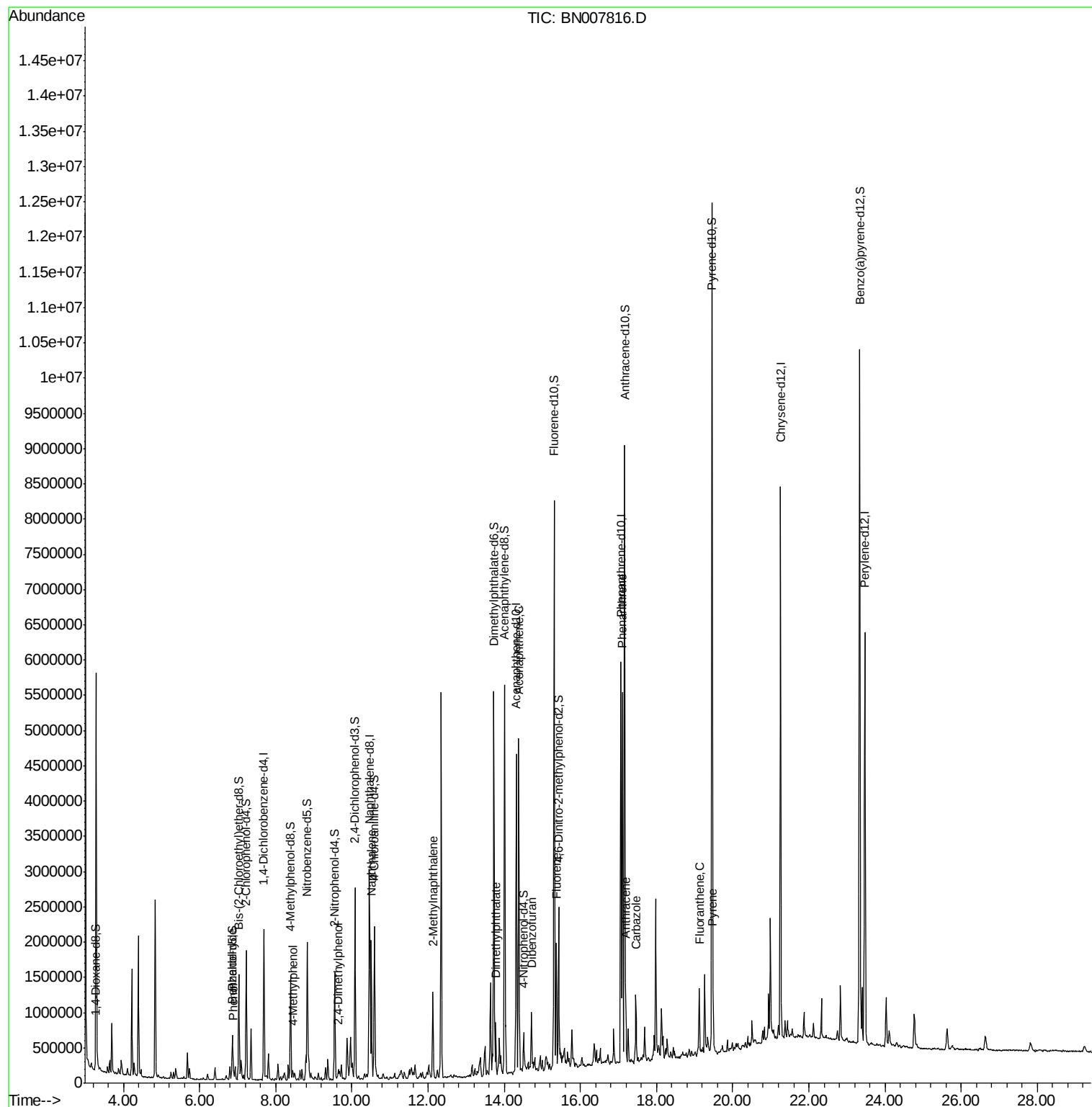
					Ovalue
4) Benzaldehyde	6.85	77	32438	1.067 ng/ul#	25
6) Phenol	6.89	94	59708	1.015 ng/ul	93
16) 4-Methylphenol	8.45	108	52286	1.143 ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	51670	1.057 ng/ul	94
28) Naphthalene	10.51	128	1476795	11.297 ng/ul	99
34) 2-Methylnaphthalene	12.12	142	566312	6.000 ng/ul	98
44) Dimethylphthalate	13.77	163	443288	3.640 ng/ul	99
49) Acenaphthene	14.38	153	1843992	18.188 ng/ul	97
53) Dibenzofuran	14.72	168	436623	2.969 ng/ul	100
58) Fluorene	15.37	166	742392	6.273 ng/ul	99
69) Phenanthrene	17.10	178	3027676	15.938 ng/ul	99
71) Anthracene	17.19	178	641439	3.374 ng/ul	99
74) Carbazole	17.46	167	609180	3.788 ng/ul	99
76) Fluoranthene	19.12	202	521537	2.503 ng/ul	99
79) Pyrene	19.49	202	469876	1.993 ng/ul	98

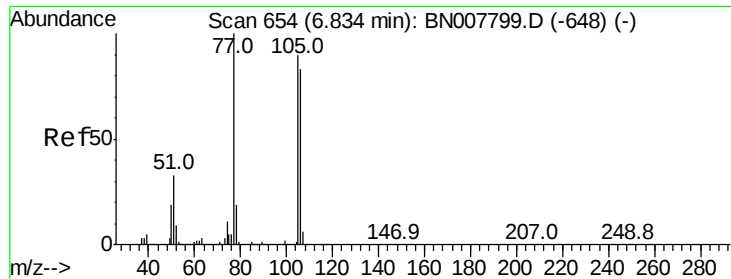
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN092319\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.067 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

ClientSampled :

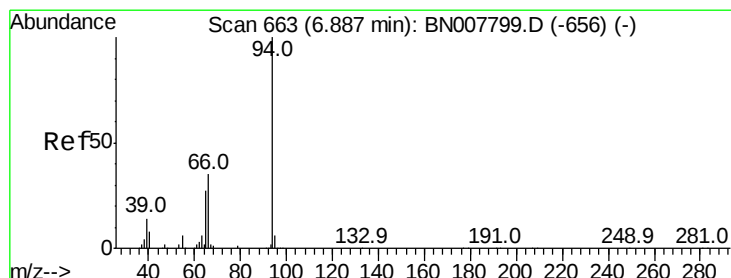
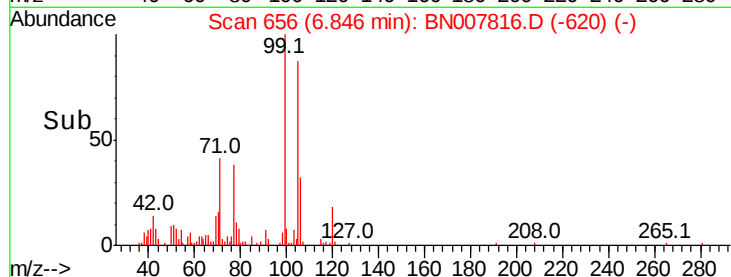
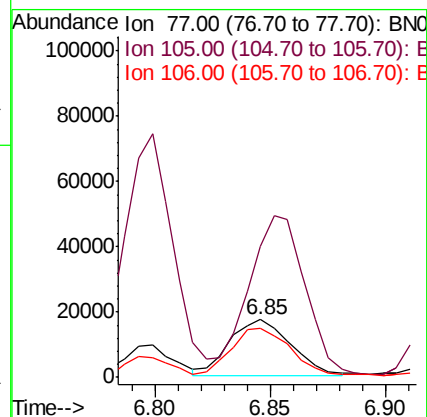
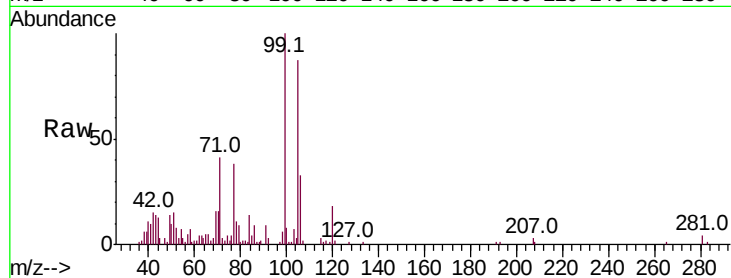
Tot Ion: 77 Resp: 32438

Ion Ratio Lower Upper

77 100

105 227.5 72.2 108.4#

106 85.0 69.6 104.4



#6

Phenol

Concen: 1.015 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

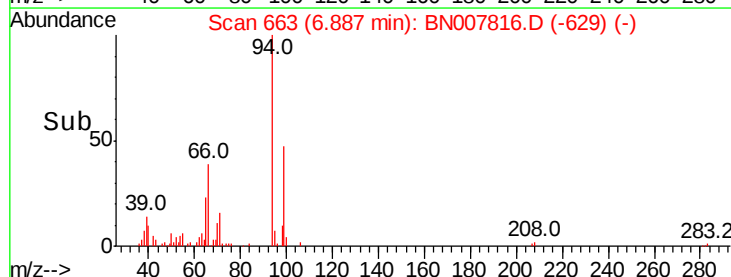
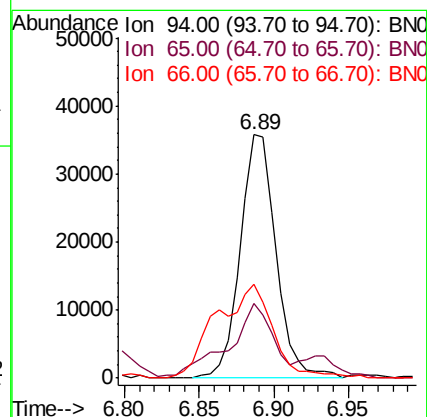
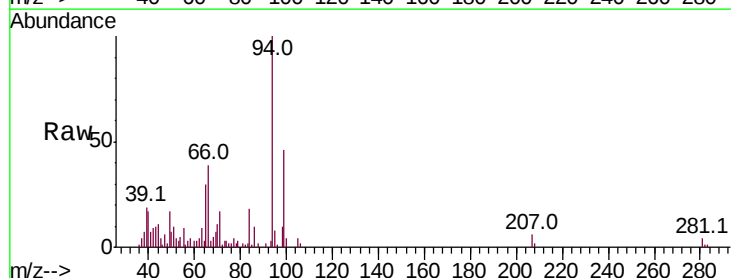
Tgt Ion: 94 Resp: 59708

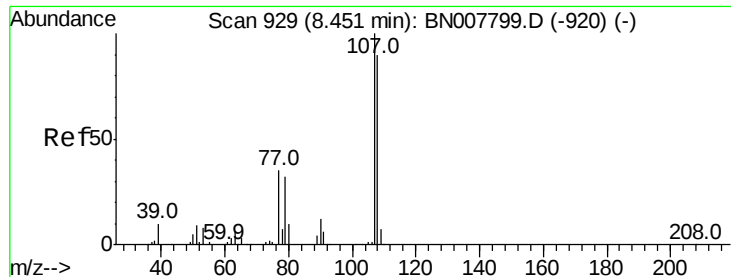
Ion Ratio Lower Upper

94 100

65 30.4 20.7 31.1

66 38.5 28.6 42.8





#16

4-Methylphenol

Concen: 1.143 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

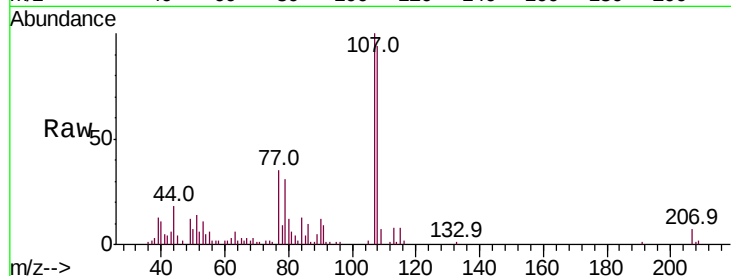
ClientSampleId :

Tot Ion:108 Resp: 52286

Ion Ratio Lower Upper

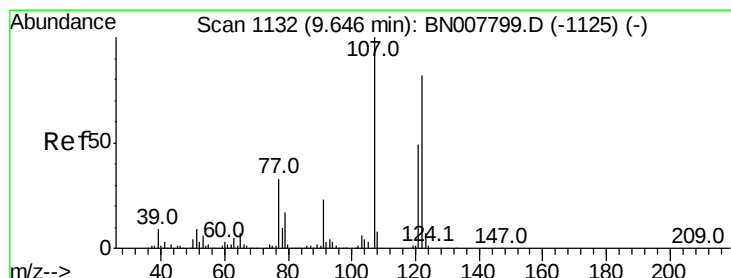
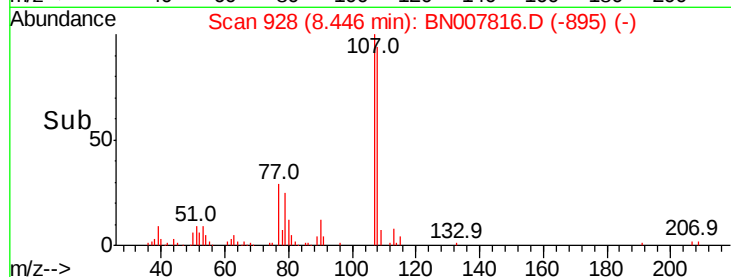
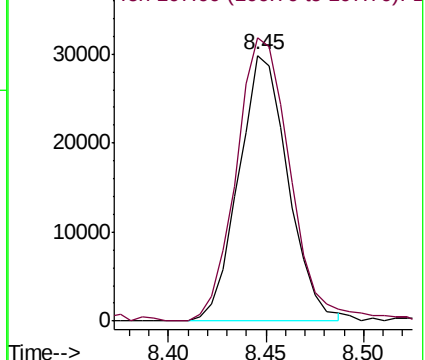
108 100

107 106.5 88.0 132.0



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#24

2,4-Dimethylphenol

Concen: 1.057 ng/ul

RT: 9.65 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

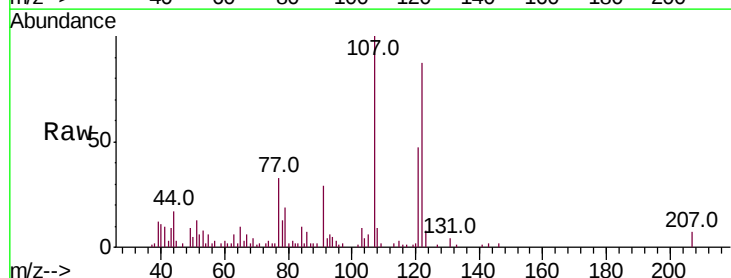
Tgt Ion:107 Resp: 51670

Ion Ratio Lower Upper

107 100

121 47.1 38.8 58.2

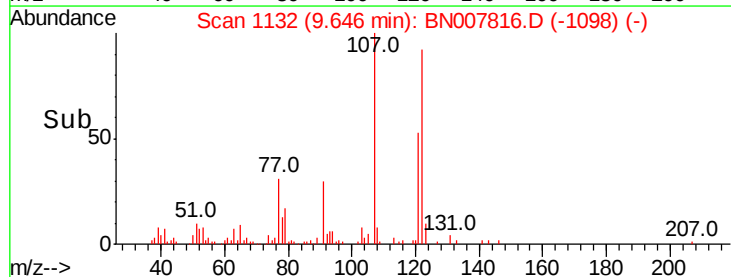
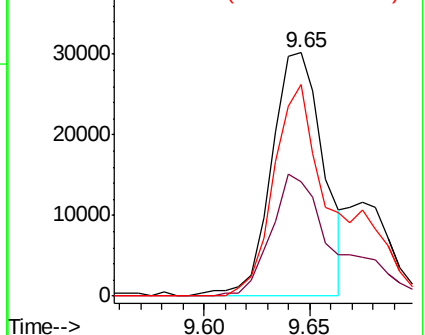
122 87.1 64.2 96.4

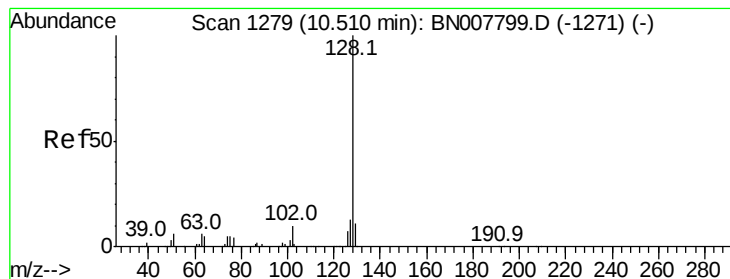


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Naphthalene

Concen: 11.297 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

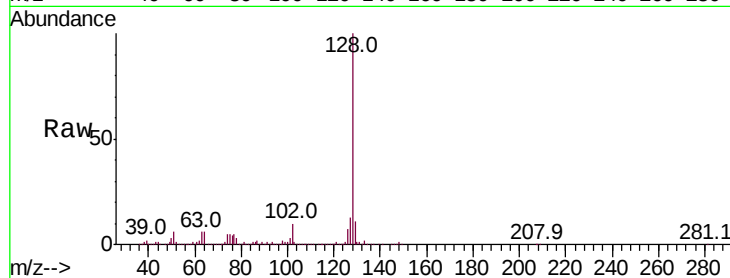
Tot Ion:128 Resp: 1476795

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

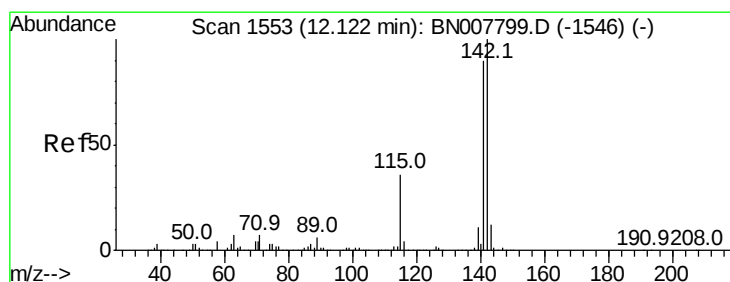
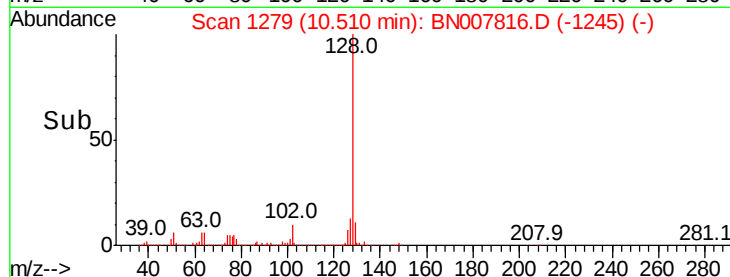
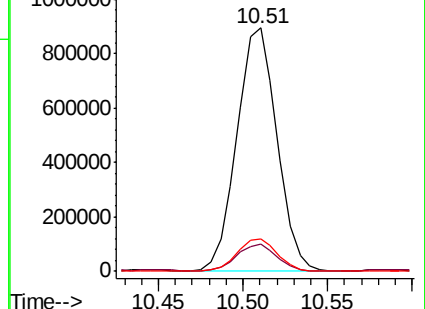
127 13.4 11.0 16.4



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



#34

2-Methylnaphthalene

Concen: 6.000 ng/ul

RT: 12.12 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BN007816.D

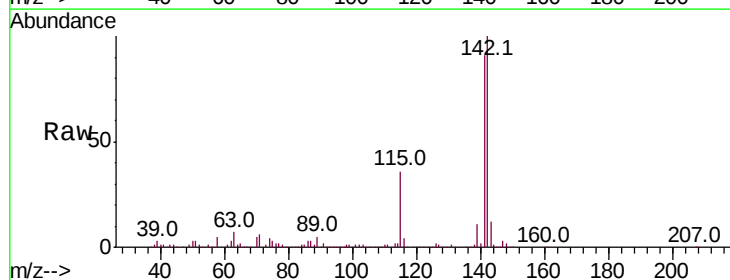
Acq: 23 Sep 2019 23:52

Tgt Ion:142 Resp: 566312

Ion Ratio Lower Upper

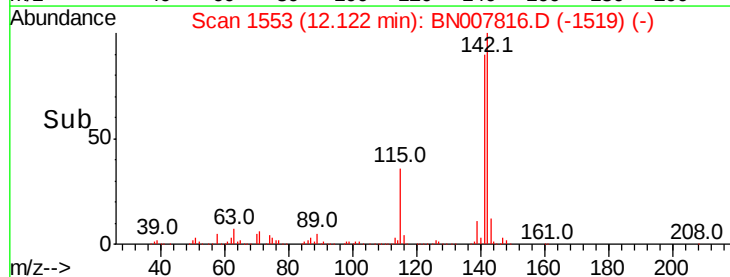
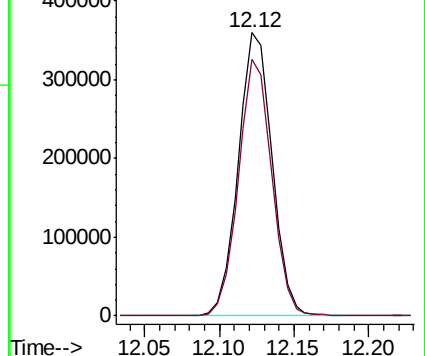
142 100

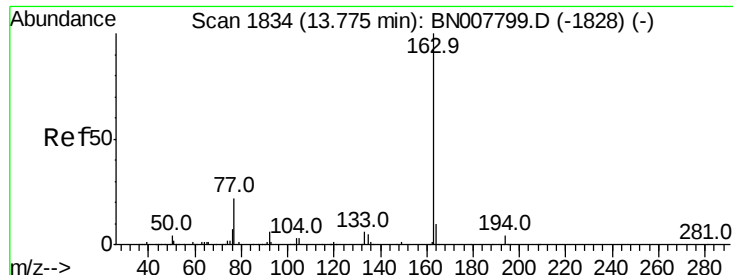
141 90.5 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

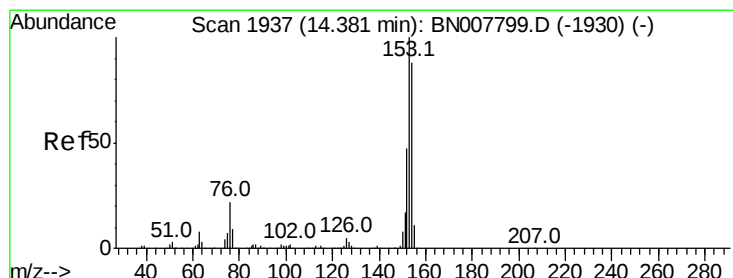
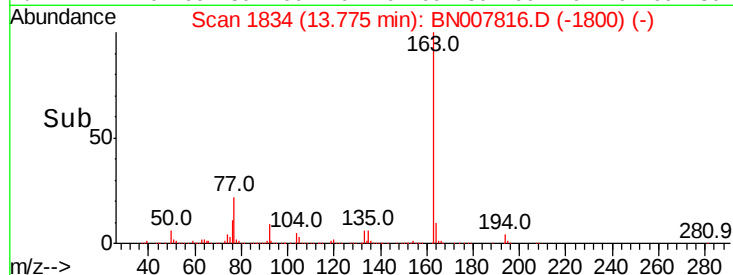
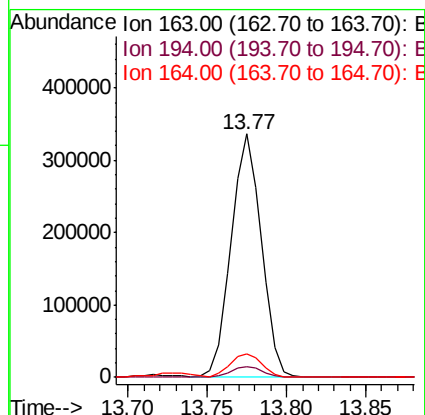
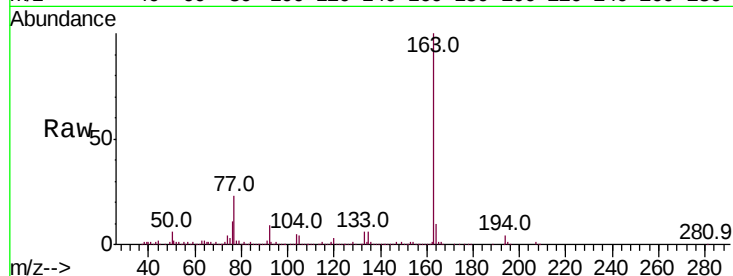




#44
Dimethylphthalate
Concen: 3.640 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BN007816.D
Acq: 23 Sep 2019 23:52

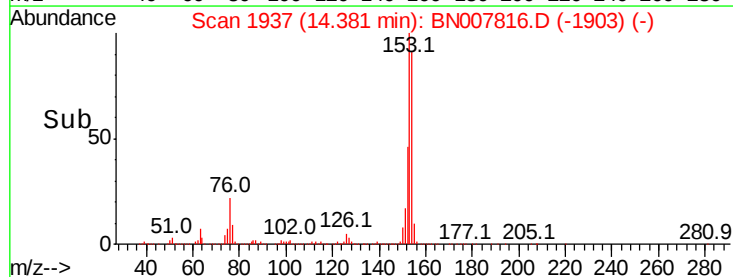
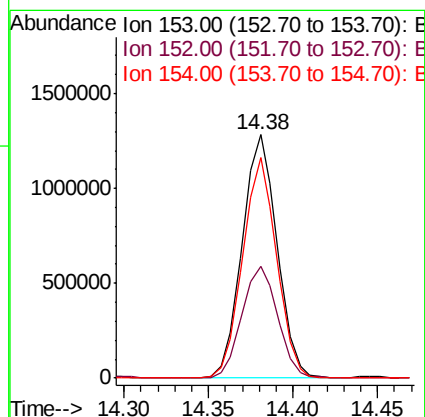
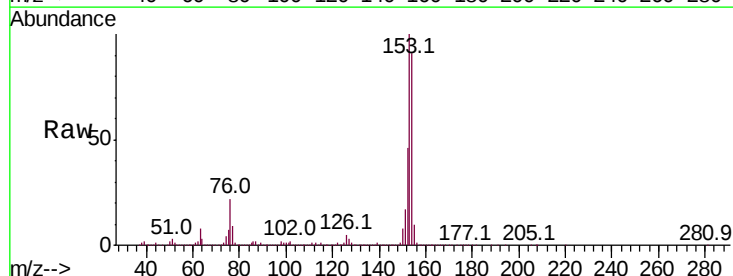
Instrument :
BNA_N
ClientSampleId :

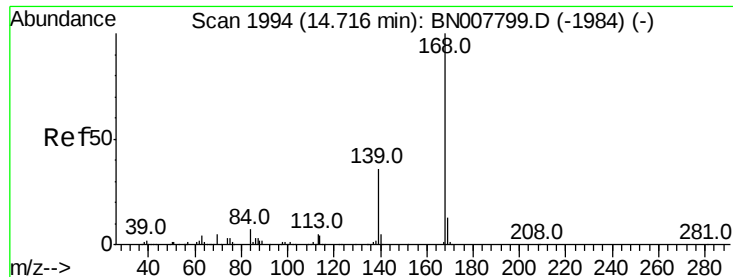
Tot Ion:163 Resp: 443288
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.8 8.4 12.6



#49
Acenaphthene
Concen: 18.188 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BN007816.D
Acq: 23 Sep 2019 23:52

Tgt Ion:153 Resp: 1843992
Ion Ratio Lower Upper
153 100
152 46.0 37.8 56.8
154 90.8 70.3 105.5





#53

Dibenzenofuran

Concen: 2.969 ng/ul

RT: 14.72 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

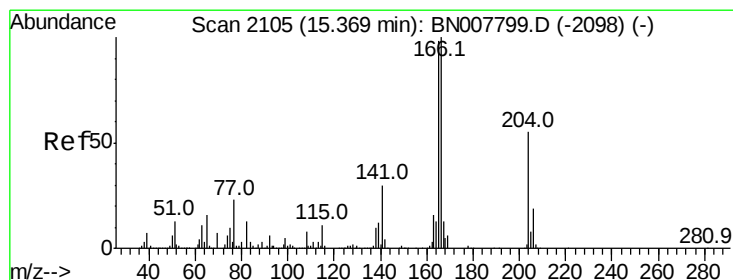
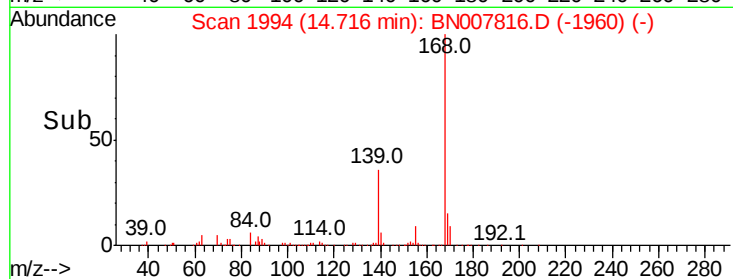
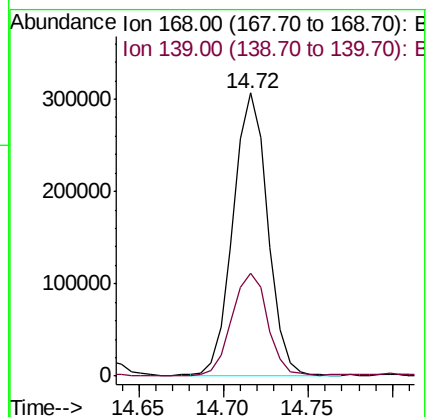
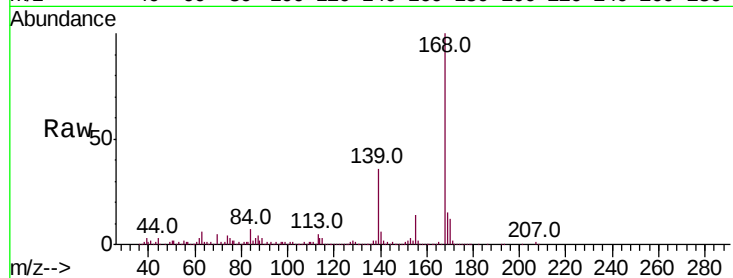
ClientSampleId :

Tot Ion:168 Resp: 436623

Ion Ratio Lower Upper

168 100

139 36.3 29.1 43.7



#58

Fluorene

Concen: 6.273 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

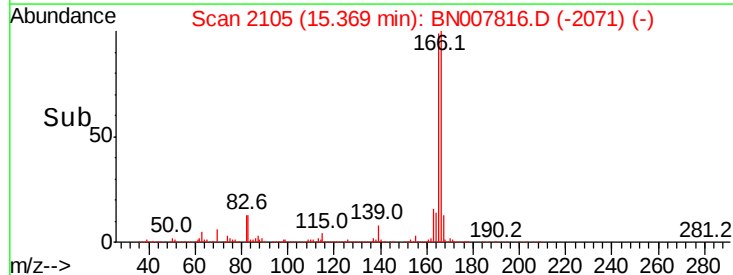
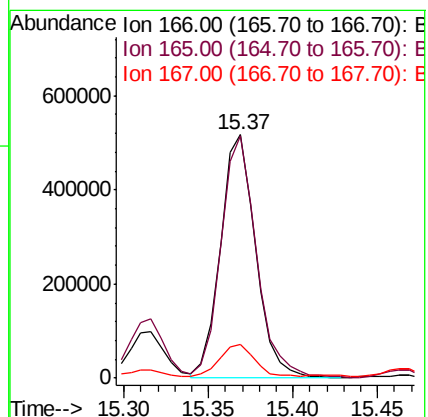
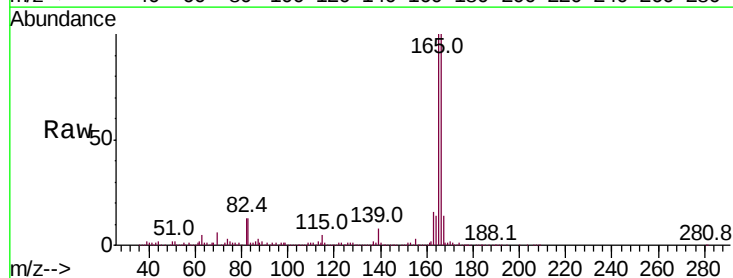
Tgt Ion:166 Resp: 742392

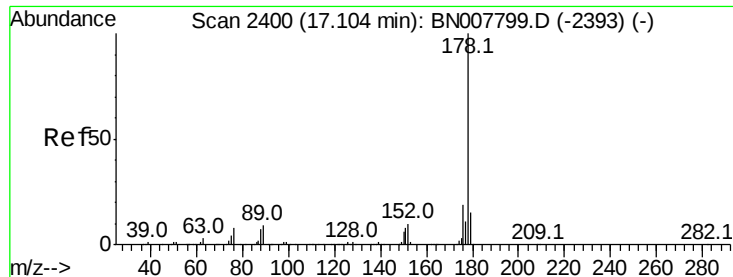
Ion Ratio Lower Upper

166 100

165 99.6 78.6 118.0

167 13.7 10.8 16.2





#69

Phenanthrene

Concen: 15.938 ng/ul

RT: 17.10 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

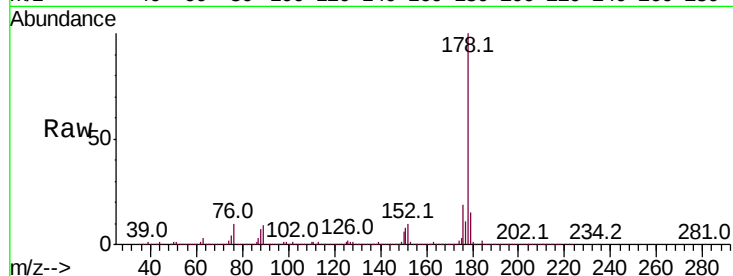
Tot Ion:178 Resp: 3027676

Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

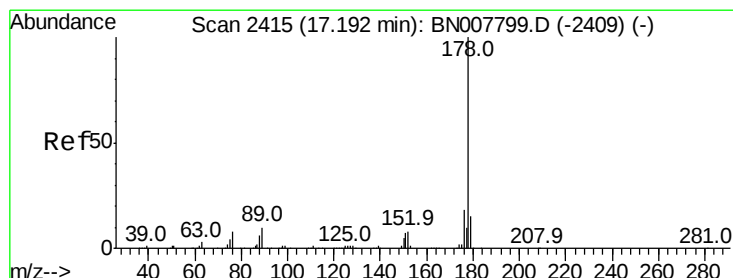
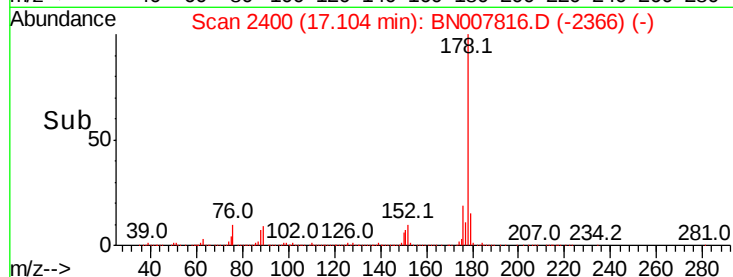
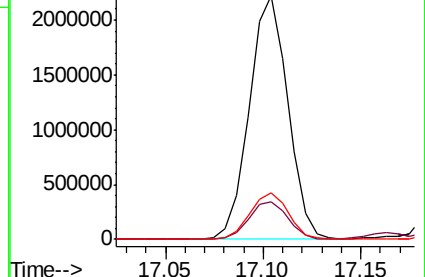
176 18.8 15.2 22.8



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: 3.374 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

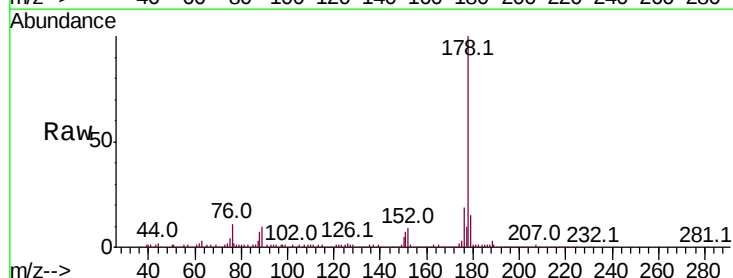
Tgt Ion:178 Resp: 641439

Ion Ratio Lower Upper

178 100

179 15.3 12.7 19.1

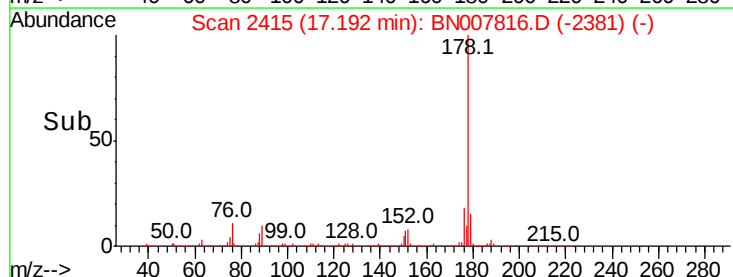
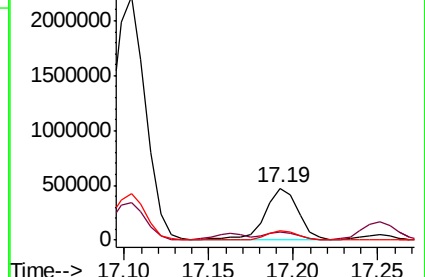
176 18.6 15.1 22.7

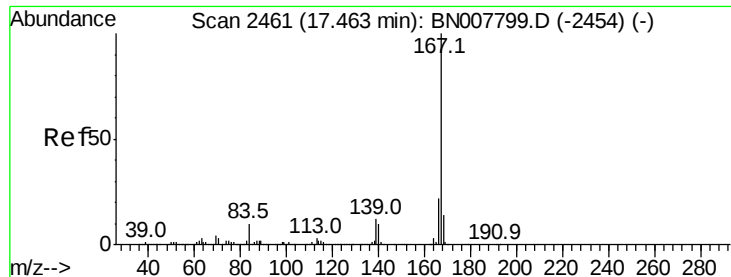


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 3.788 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

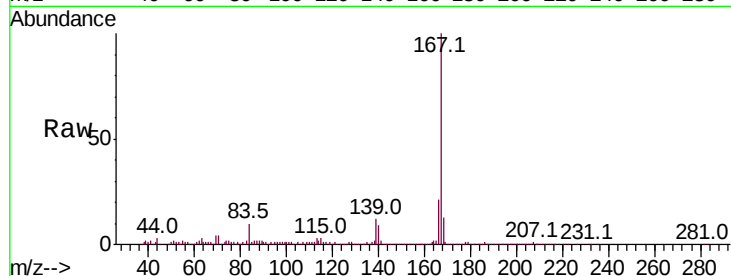
Tot Ion:167 Resp: 609180

Ion Ratio Lower Upper

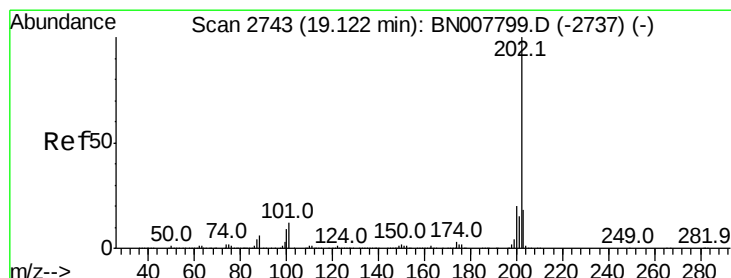
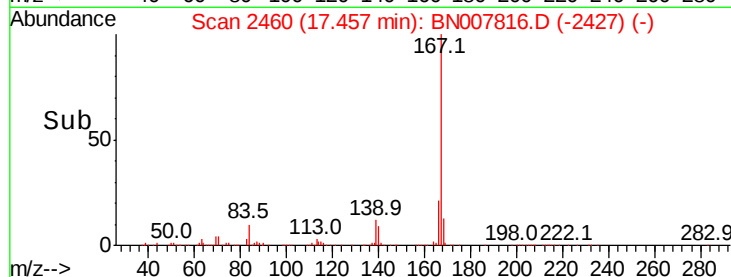
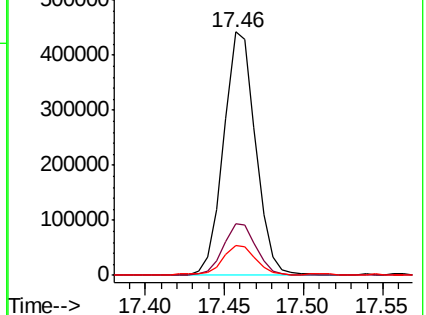
167 100

166 21.3 17.0 25.4

139 12.1 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
600000
Ion 166.00 (165.70 to 166.70): E
500000
Ion 139.00 (138.70 to 139.70): E
400000
300000
200000
100000
0



#76

Fluoranthene

Concen: 2.503 ng/ul

RT: 19.12 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

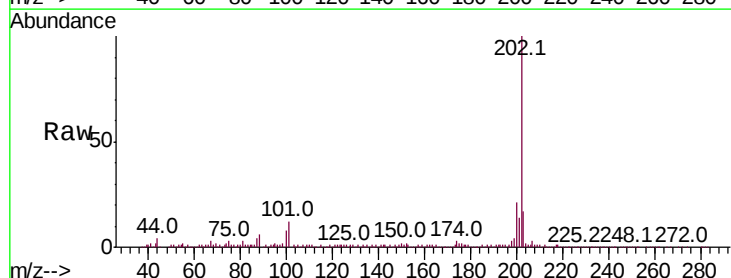
Tgt Ion:202 Resp: 521537

Ion Ratio Lower Upper

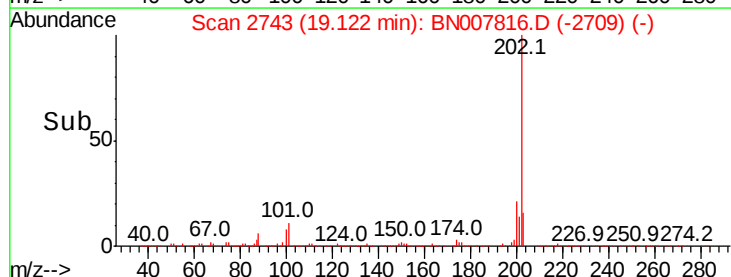
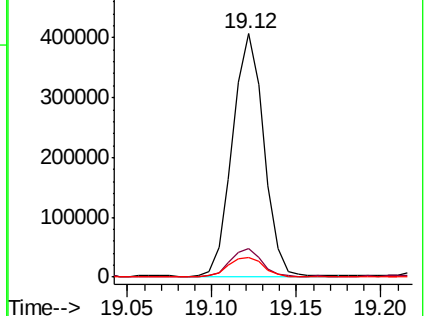
202 100

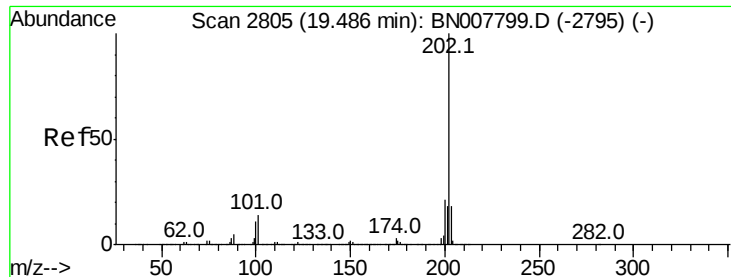
101 11.7 9.4 14.2

100 7.9 7.1 10.7



Abundance Ion 202.00 (201.70 to 202.70): E
500000
Ion 101.00 (100.70 to 101.70): E
400000
Ion 100.00 (99.70 to 100.70): B
300000
200000
100000
0





#79

Pvrene

Concen: 1.993 ng/ul

RT: 19.49 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BN007816.D

Acq: 23 Sep 2019 23:52

Instrument :

BNA_N

ClientSampleId :

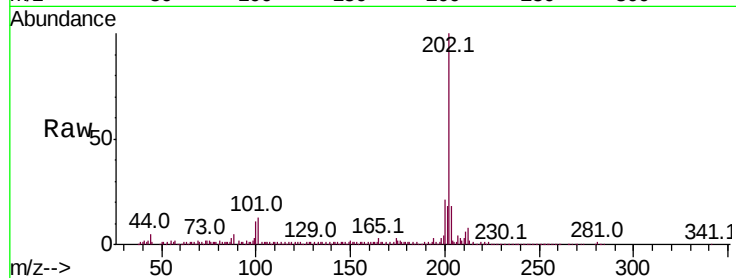
Tot Ion:202 Resp: 469876

Ion Ratio Lower Upper

202 100

101 12.9 11.2 16.8

100 11.0 9.4 14.0



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

