

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005458.D
 Acq On : 03 May 2019 18:46
 Operator : JU/SJ
 Sample : K2604-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ88

Quant Time: May 04 00:57:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	304768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1371789	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	864004	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	2054694	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1917415	20.00	ng/ul	-0.01
85) Perylene-d12	23.40	264	1736421	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	27878	4.42	ng/uL	0.00
5) Phenol-d5	6.78	99	636456	26.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	360018	24.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	506378	27.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	539627	28.84	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	272570	32.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	298491	34.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	560230	28.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	775833	38.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1857335	29.61	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	2332035	30.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	253662	25.61	ng/ul	0.00
57) Fluorene-d10	15.22	176	1641524	31.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	186533	20.18	ng/ul	0.00
70) Anthracene-d10	17.07	188	2629029	30.52	ng/ul	0.00
78) Pyrene-d10	19.39	212	2938511	29.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	2361597	31.12	ng/ul	-0.02

Target Compounds

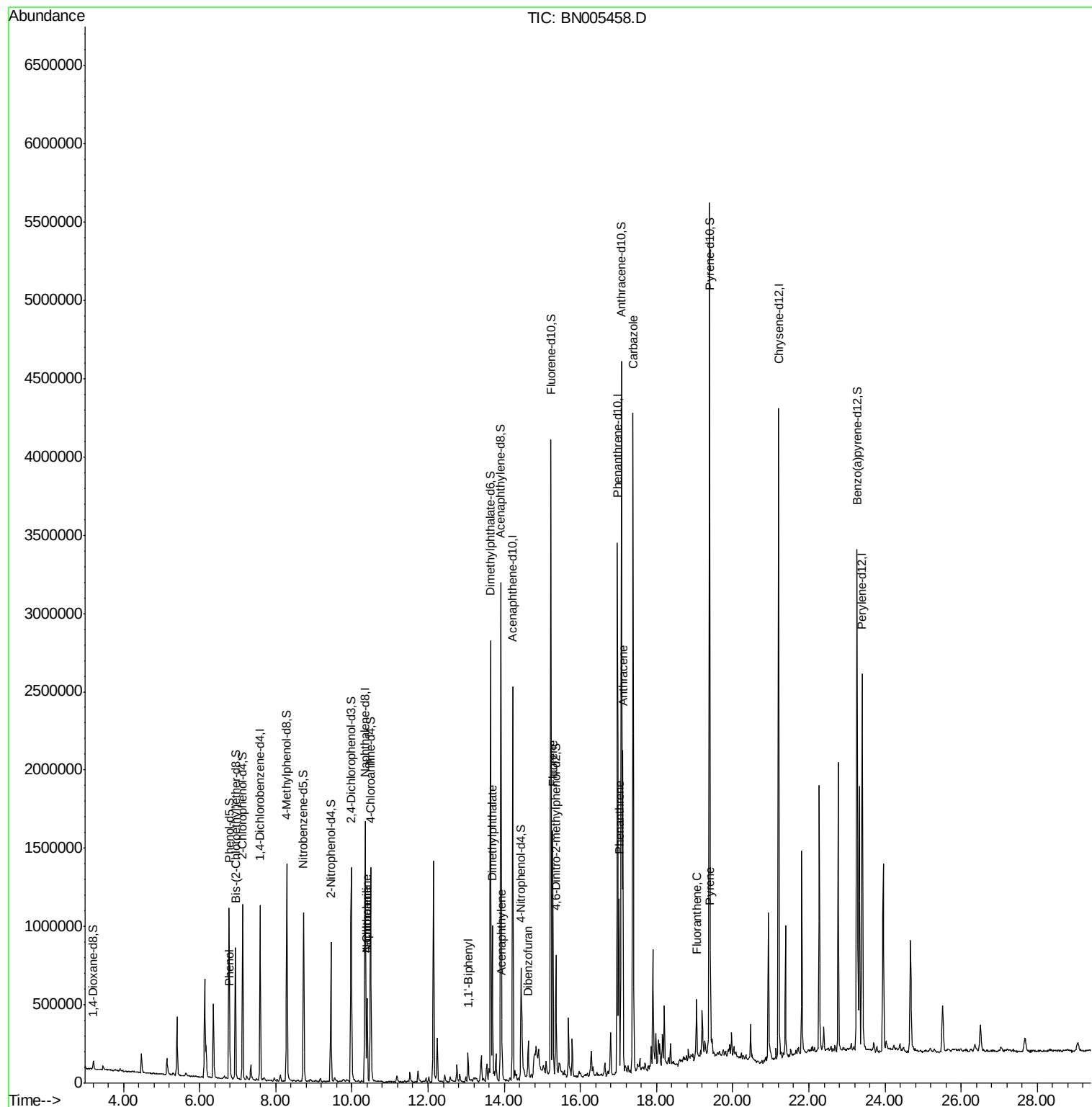
					Qvalue	
6) Phenol	6.80	94	47947	1.947	ng/ul	95
28) Naphthalene	10.40	128	431769	6.770	ng/ul	98
30) 4-Chloroaniline	10.40	127	56175	2.726	ng/ul#	21
40) 1,1'-Biphenyl	13.05	154	91761	1.425	ng/ul	97
44) Dimethylphthalate	13.69	163	604387	9.671	ng/ul	100
47) Acenaphthylene	13.94	152	94259	1.245	ng/ul	97
53) Dibenzofuran	14.63	168	146145	1.964	ng/ul	96
58) Fluorene	15.27	166	700123	12.058	ng/ul	98
69) Phenanthrene	17.02	178	654231	6.538	ng/ul	99
71) Anthracene	17.11	178	1255923	12.320	ng/ul	99
74) Carbazole	17.39	167	2735201	31.235	ng/ul	98
76) Fluoranthene	19.05	202	209211	1.885	ng/ul	97
79) Pyrene	19.42	202	261596	2.119	ng/ul	96

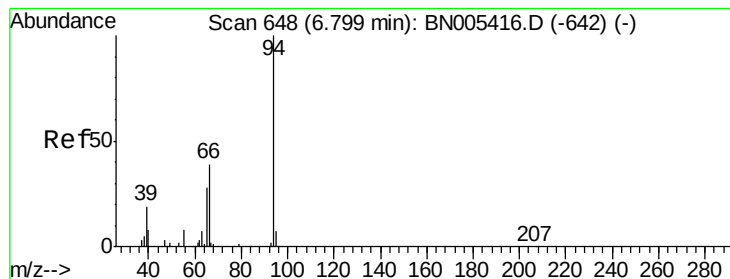
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.947 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

Instrument :

BNA_N

ClientSampleId :

GAJ88

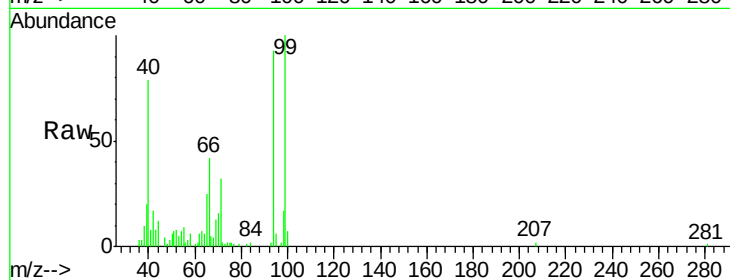
Tgt Ion: 94 Resp: 47947

Ion Ratio Lower Upper

94 100

65 26.9 24.2 36.4

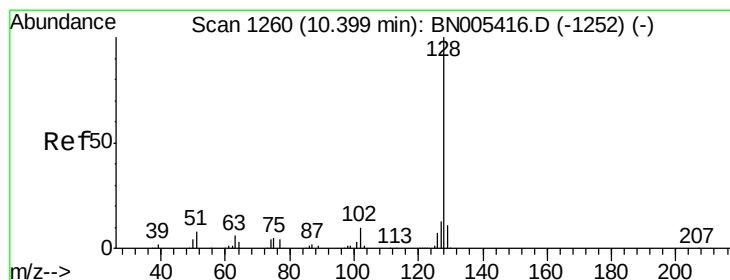
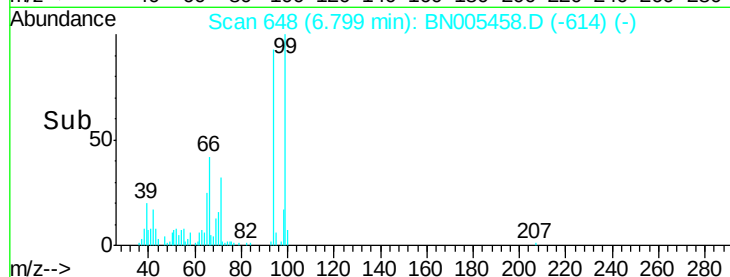
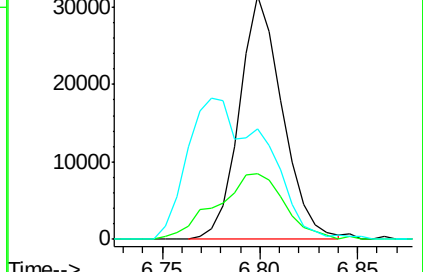
66 45.3 33.8 50.6



Abundance Ion 94.00 (93.70 to 94.70): BN005416.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BN005416.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BN005416.D (-642) (-)



#28

Naphthalene

Concen: 6.770 ng/ul

RT: 10.40 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

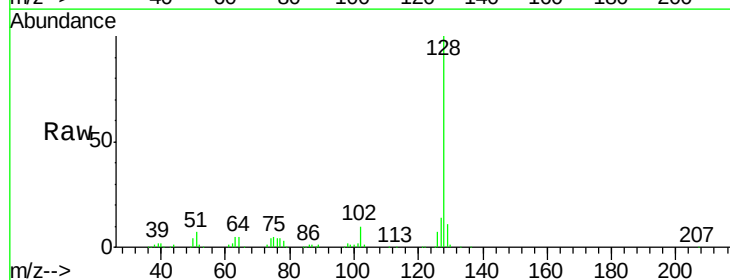
Tgt Ion: 128 Resp: 431769

Ion Ratio Lower Upper

128 100

129 10.5 9.2 13.8

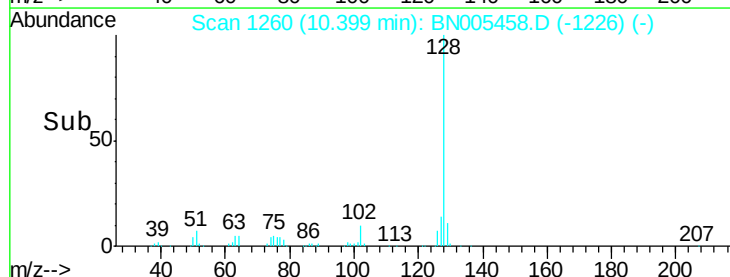
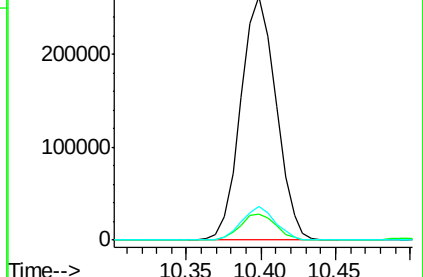
127 13.7 10.7 16.1

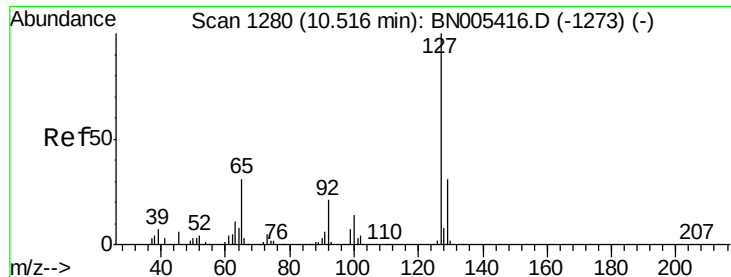


Abundance Ion 128.00 (127.70 to 128.70): BN005416.D (-1252) (-)

Ion 129.00 (128.70 to 129.70): BN005416.D (-1252) (-)

Ion 127.00 (126.70 to 127.70): BN005416.D (-1252) (-)

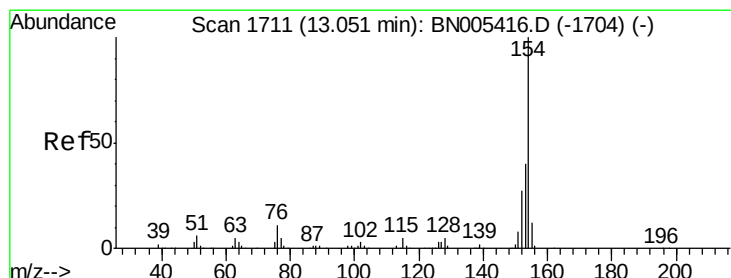
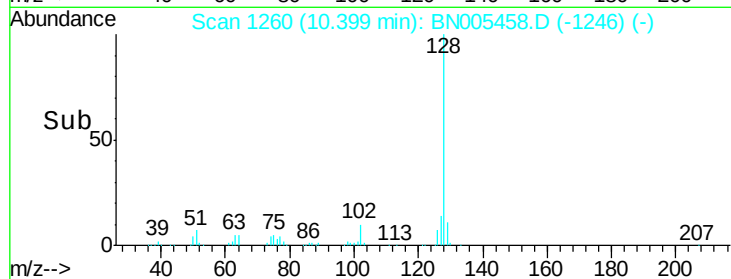
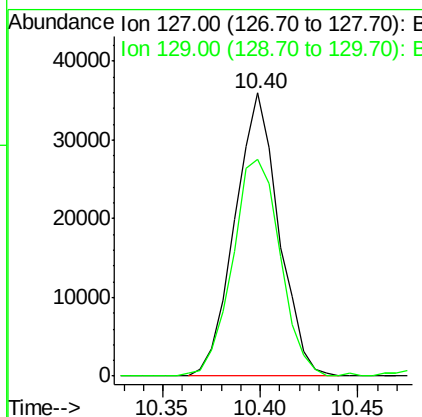
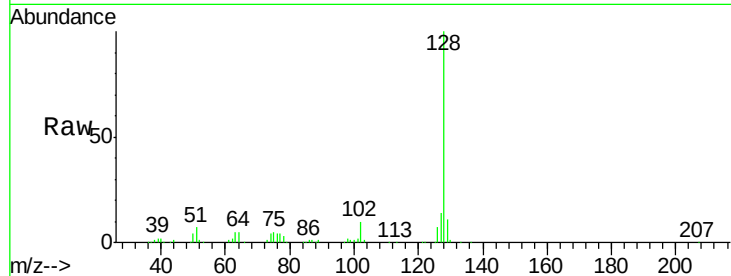




#30
4-Chloroaniline
Concen: 2.726 ng/ul
RT: 10.40 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

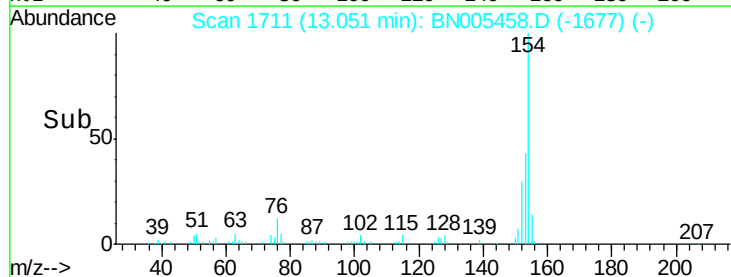
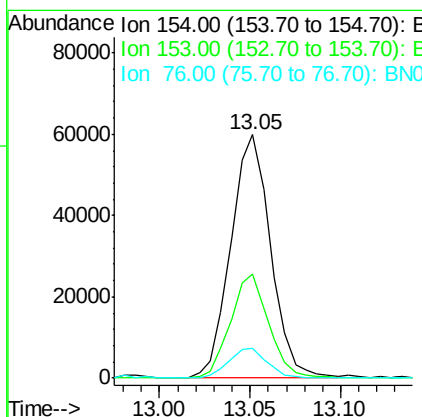
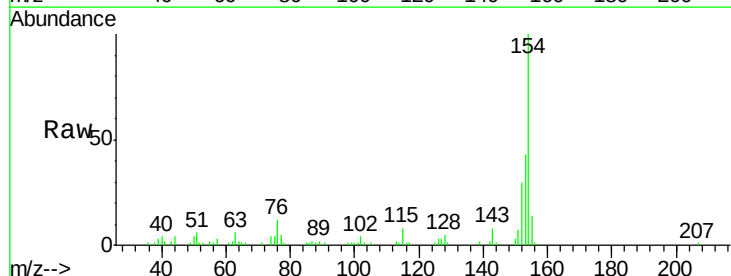
Instrument :
BNA_N
ClientSampleId :
GAJ88

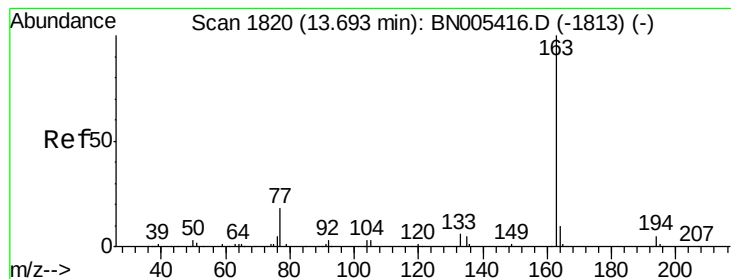
Tgt Ion:127 Resp: 56175
Ion Ratio Lower Upper
127 100
129 76.6 25.8 38.6#



#40
1,1'-Biphenyl
Concen: 1.425 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BN005458.D
Acq: 03 May 2019 18:46

Tgt Ion:154 Resp: 91761
Ion Ratio Lower Upper
154 100
153 42.7 32.6 49.0
76 12.1 10.4 15.6





#44

Dimethylphthalate

Concen: 9.671 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

Instrument :

BNA_N

ClientSampleId :

GAJ88

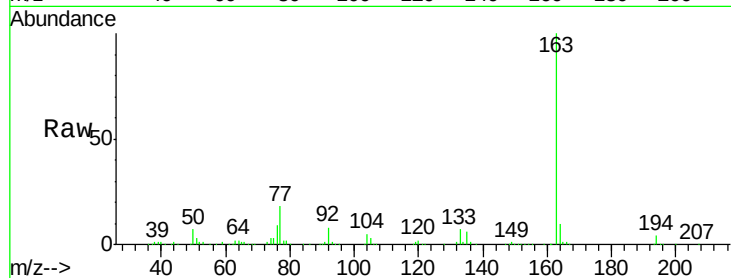
Tgt Ion:163 Resp: 604387

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

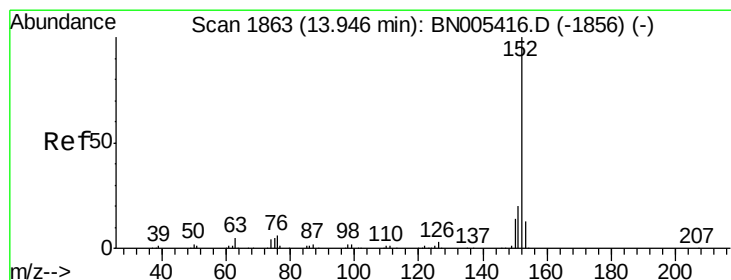
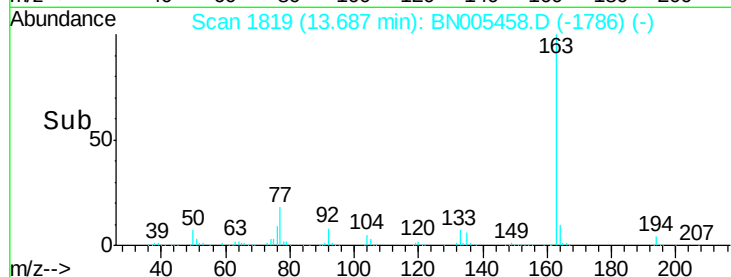
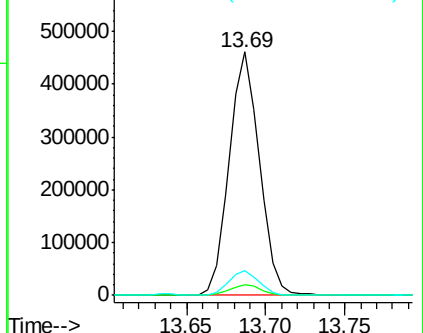
164 10.2 8.1 12.1



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: 1.245 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

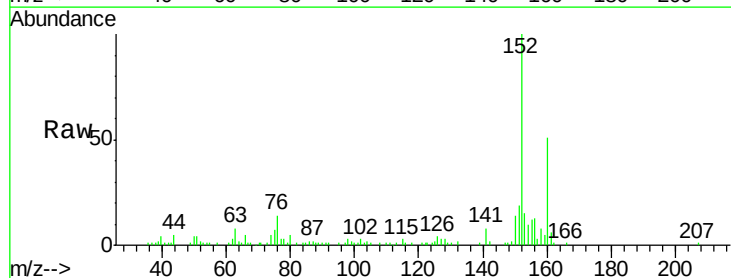
Tgt Ion:152 Resp: 94259

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

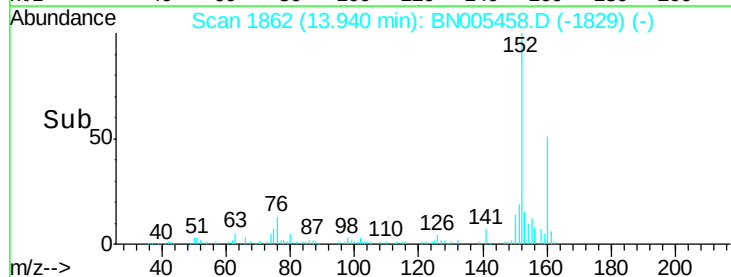
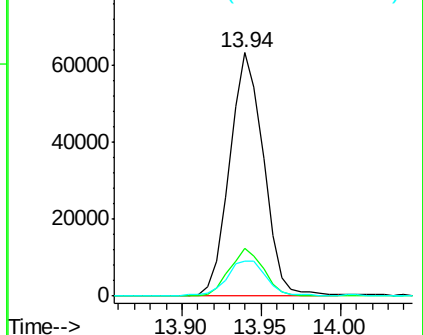
153 14.6 9.8 14.8

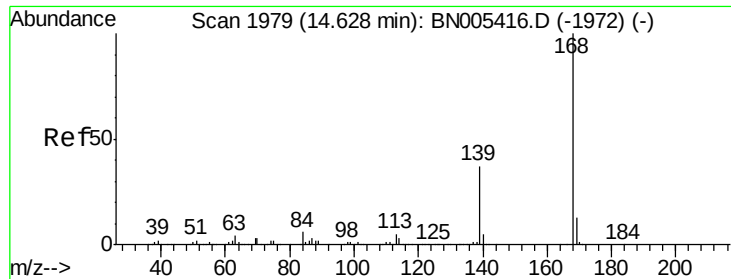


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#53

Dibenzenofuran

Concen: 1.964 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

Instrument :

BNA_N

ClientSampleId :

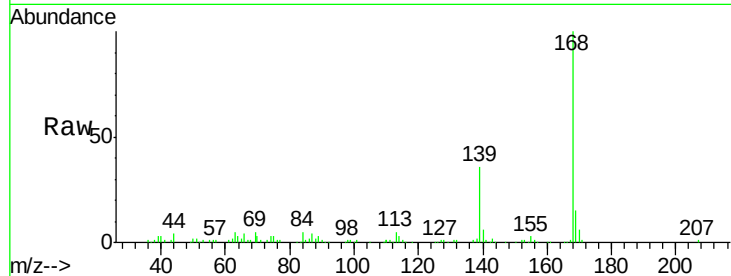
GAJ88

Tgt Ion:168 Resp: 146145

Ion Ratio Lower Upper

168 100

139 36.3 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.63

100000

80000

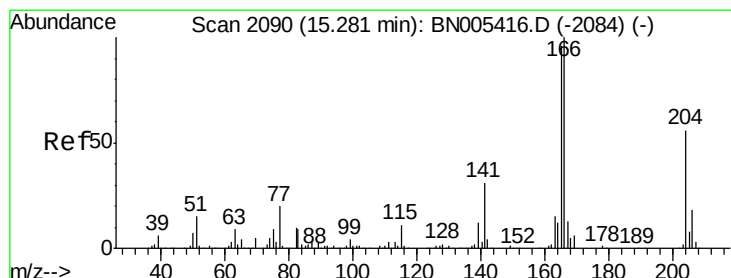
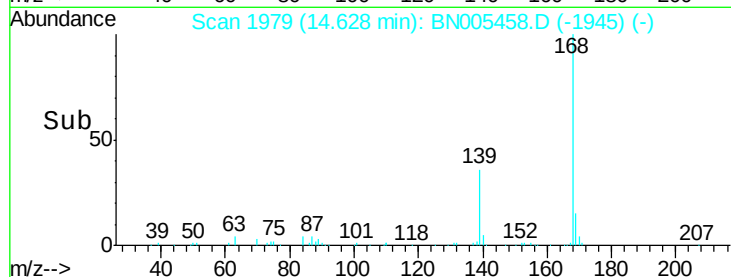
60000

40000

20000

0

Time--> 14.55 14.60 14.65



#58

Fluorene

Concen: 12.058 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

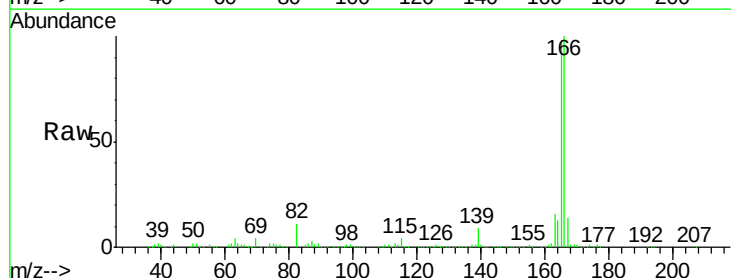
Tgt Ion:166 Resp: 700123

Ion Ratio Lower Upper

166 100

165 97.8 80.0 120.0

167 13.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.27

600000

500000

400000

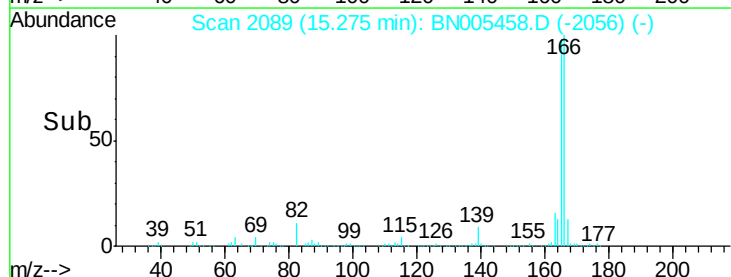
300000

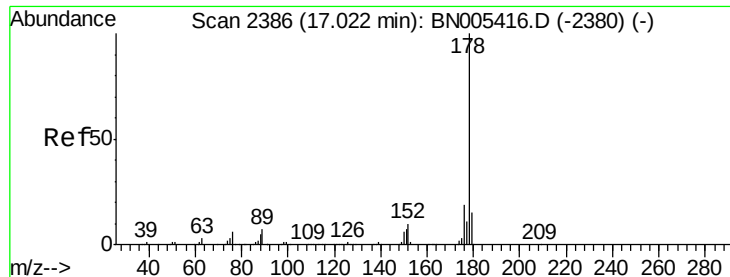
200000

100000

0

Time--> 15.20 15.25 15.30 15.35





#69

Phenanthrene

Concen: 6.538 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

Instrument :

BNA_N

ClientSampleId :

GAJ88

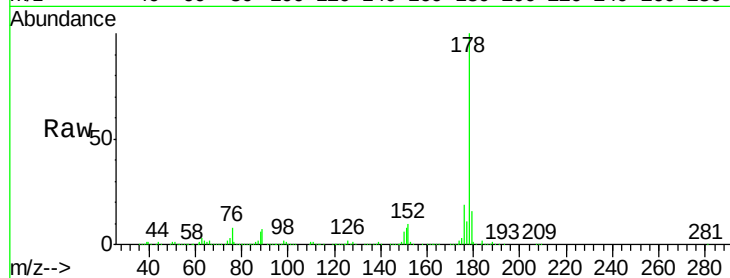
Tgt Ion:178 Resp: 654231

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

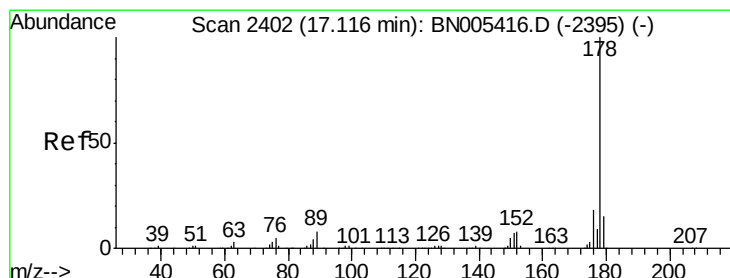
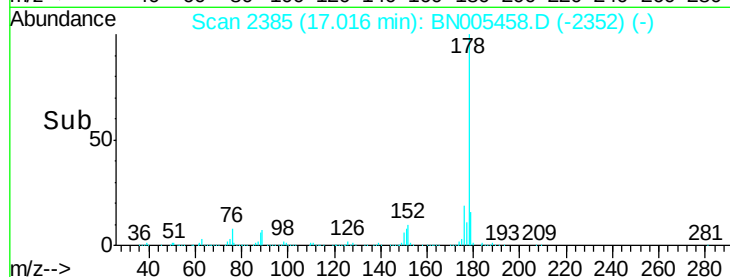
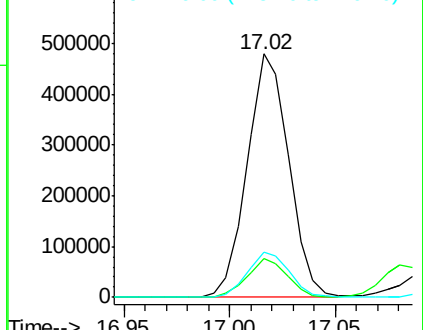
176 18.6 15.1 22.7



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



#71

Anthracene

Concen: 12.320 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

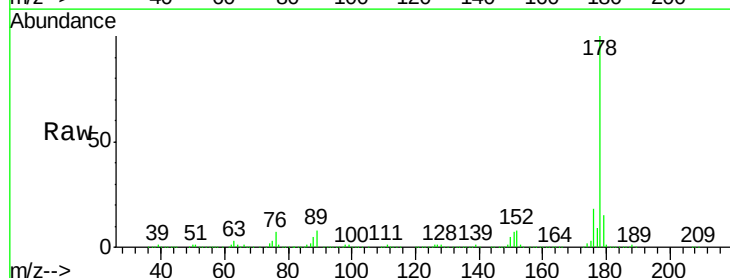
Tgt Ion:178 Resp: 1255923

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

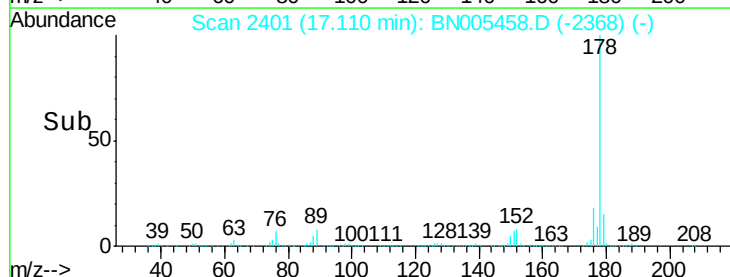
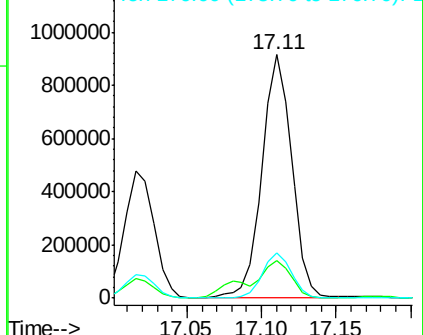
176 18.4 15.1 22.7

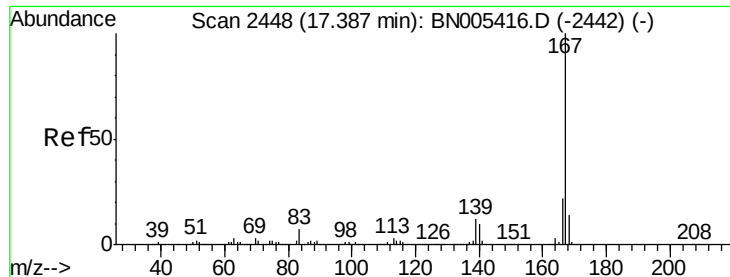


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 31.235 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

Instrument :

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ClientSampled :

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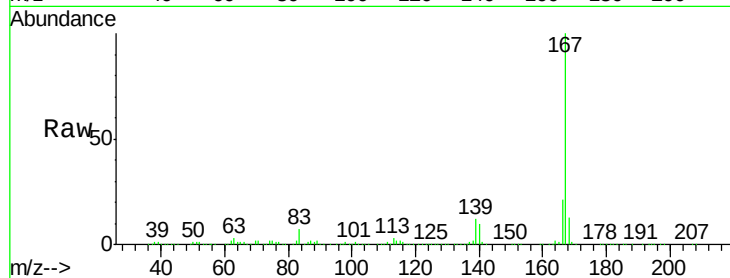
Tgt Ion:167 Resp: 2735201

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

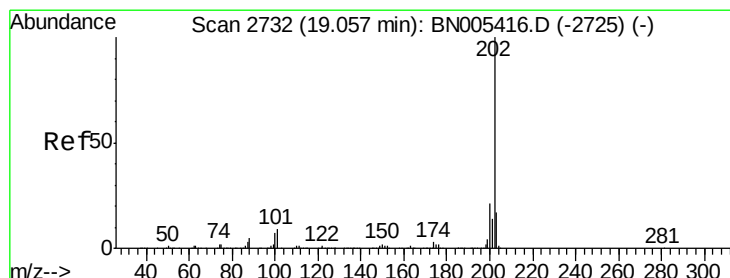
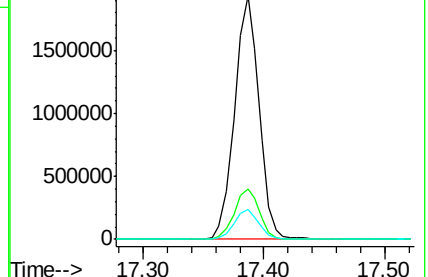
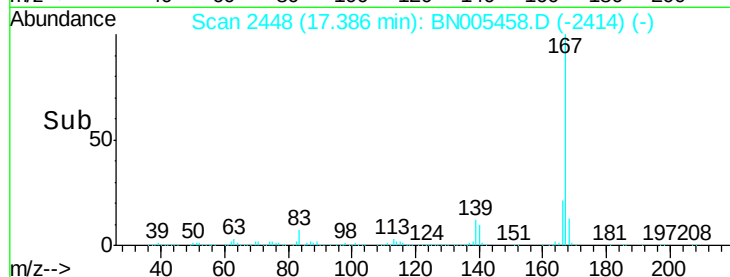
139 12.0 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 1.885 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN005458.D

Acq: 03 May 2019 18:46

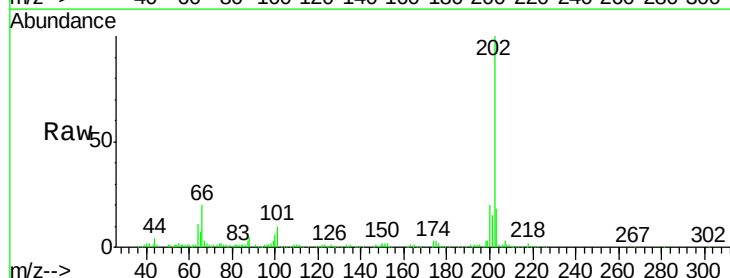
Tgt Ion:202 Resp: 209211

Ion Ratio Lower Upper

202 100

101 9.9 8.6 12.8

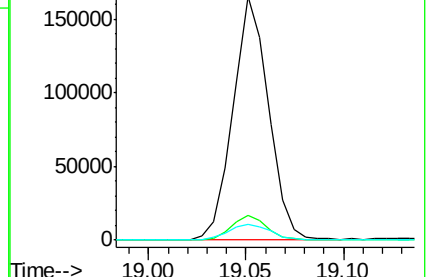
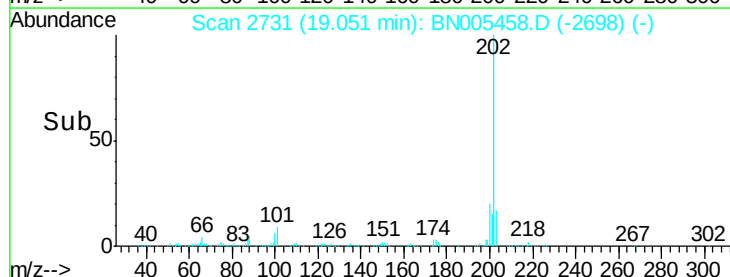
100 6.5 6.3 9.5

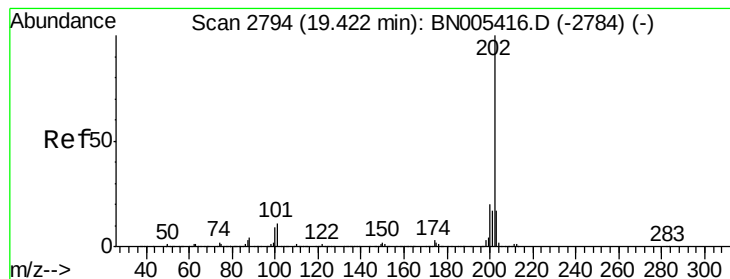


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pyrene

Concen: 2.119 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BN005458.D

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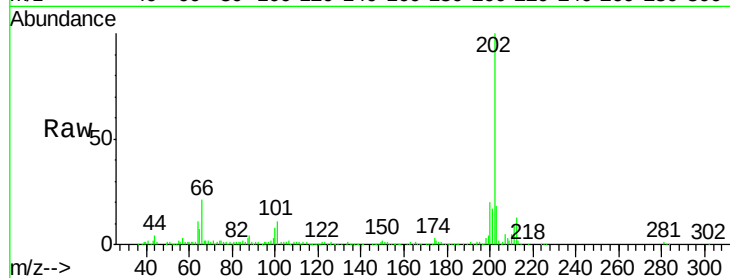
Tgt Ion: 202 Resp: 261596

Ion Ratio Lower Upper

202 100

101 11.0 10.3 15.5

100 8.4 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

