

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050319\
 Data File : BN005469.D
 Acq On : 04 May 2019 01:51
 Operator : JU/SJ
 Sample : K2603-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ66

Quant Time: May 06 01:11:05 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	235211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1064446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	667673	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1529772	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1473403	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1385957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	15728	3.23	ng/uL	0.00
5) Phenol-d5	6.77	99	404020	21.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	223059	19.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	326614	23.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	350085	24.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	176323	26.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	197158	29.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	383176	25.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	249976	15.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1271935	26.24	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1565547	26.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	212482	27.76	ng/ul	0.00
57) Fluorene-d10	15.22	176	1116292	27.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	143361	20.84	ng/ul	0.00
70) Anthracene-d10	17.08	188	1841317	28.71	ng/ul	0.00
78) Pyrene-d10	19.39	212	2132736	28.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1712846	28.28	ng/ul	0.00

Target Compounds

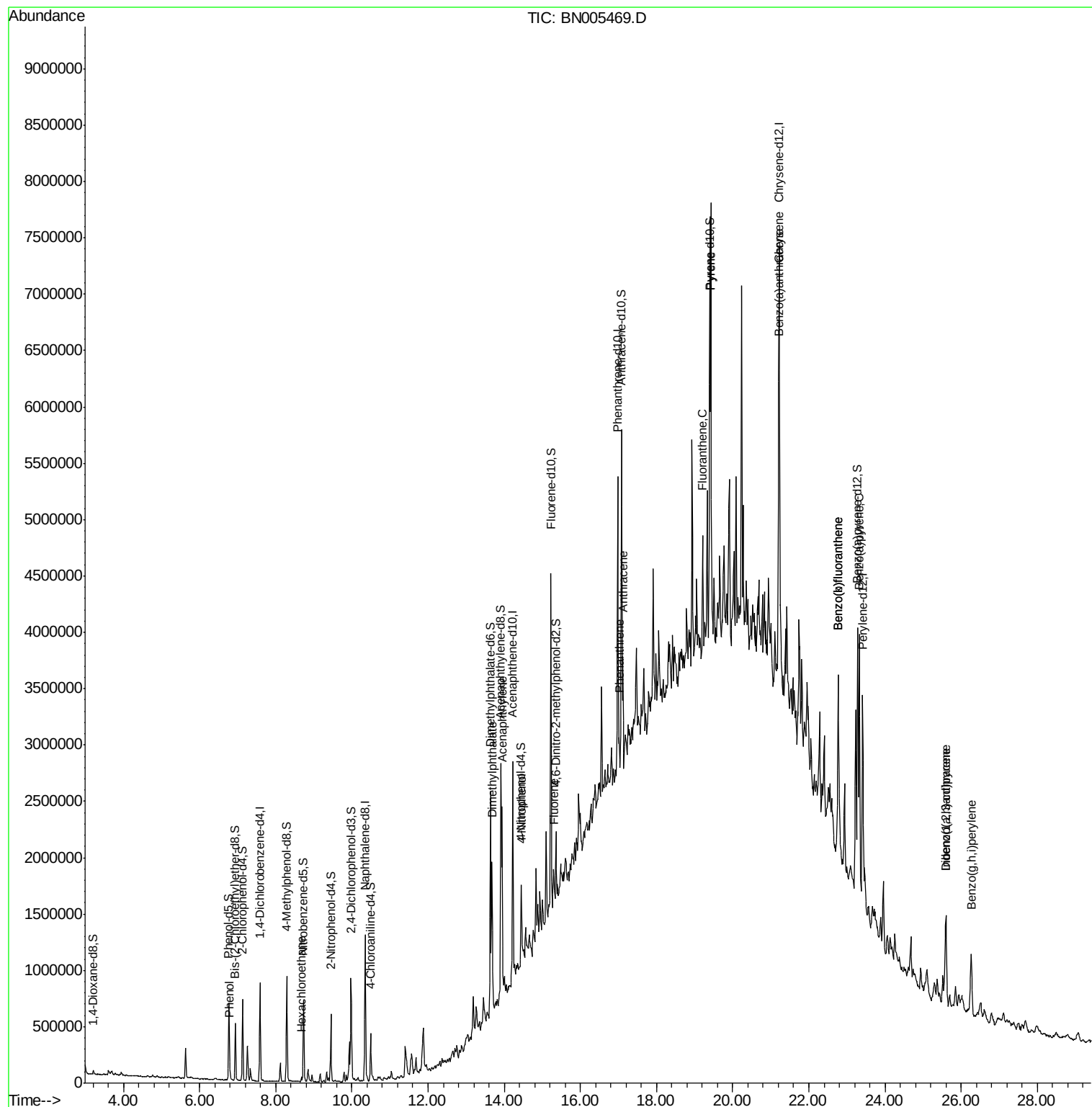
					Qvalue
6) Phenol	6.80	94	21278	1.120 ng/ul	96
17) Hexachloroethane	8.68	117	18030	2.841 ng/ul#	6
44) Dimethylphthalate	13.69	163	422439	8.747 ng/ul	99
47) Acenaphthylene	13.94	152	1220567	20.864 ng/ul	98
52) 4-Nitrophenol	14.46	109	13262	1.909 ng/ul#	13
58) Fluorene	15.30	166	122358	2.727 ng/ul#	51
69) Phenanthrene	17.02	178	174214	2.338 ng/ul#	81
71) Anthracene	17.12	178	637713	8.403 ng/ul	96
76) Fluoranthene	19.21	202	290834	3.519 ng/ul	98
79) Pyrene	19.43	202	2453038	25.857 ng/ul#	94
82) Benzo(a)anthracene	21.20	228	352163	3.842 ng/ul#	33
84) Chrysene	21.23	228	1165613	13.702 ng/ul#	88
87) Benzo(b)fluoranthene	22.76	252	933564	11.983 ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	933564	12.547 ng/ul	97
90) Benzo(a)pyrene	23.32	252	1165905	15.921 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	771332	9.527 ng/ul	99
92) Dibenzo(a,h)anthracene	25.60	278	231463	3.369 ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	662232	9.892 ng/ul	94

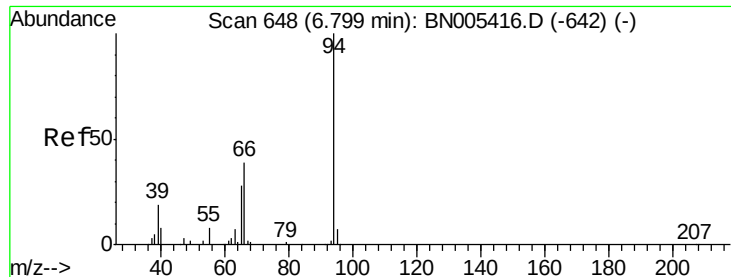
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.120 ng/ul

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :

BNA_N

ClientSampleId :

GAJ66

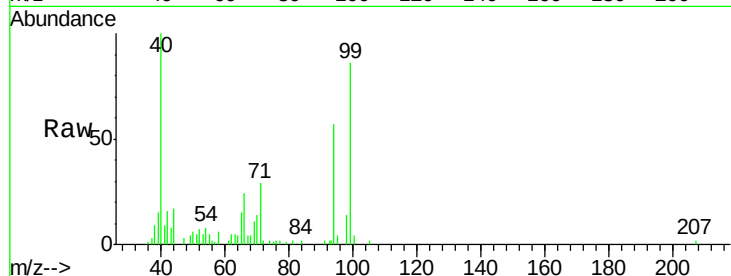
Tgt Ion: 94 Resp: 21278

Ion Ratio Lower Upper

94 100

65 26.3 24.2 36.4

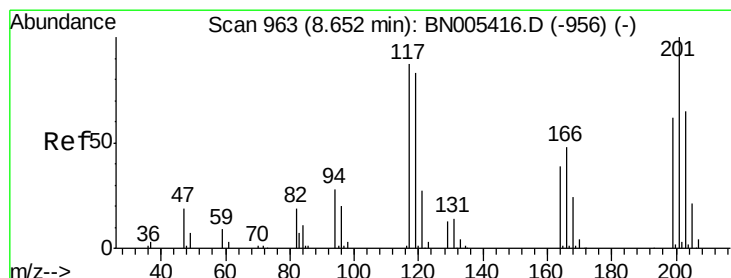
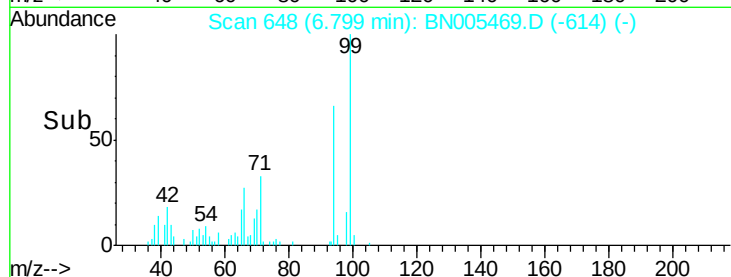
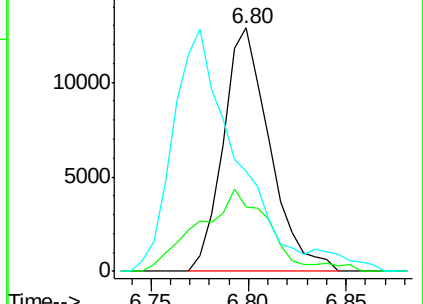
66 41.4 33.8 50.6



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) (-)



#17

Hexachloroethane

Concen: 2.841 ng/ul

RT: 8.68 min Scan# 967

Delta R.T. 0.02 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

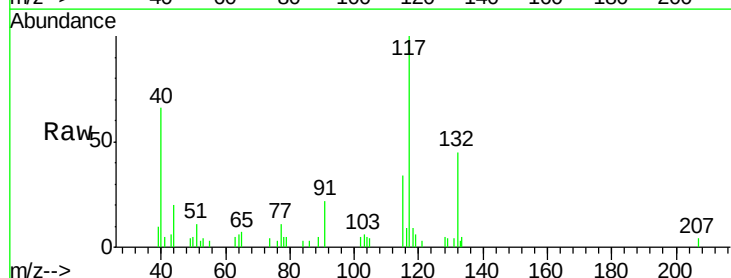
Tgt Ion: 117 Resp: 18030

Ion Ratio Lower Upper

117 100

201 0.0 84.1 126.1#

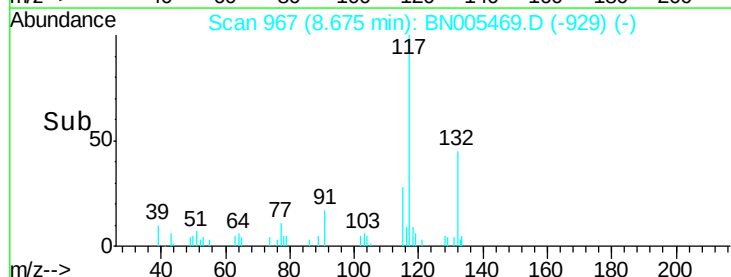
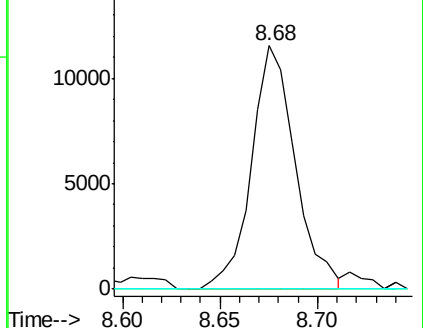
199 0.0 51.2 76.8#

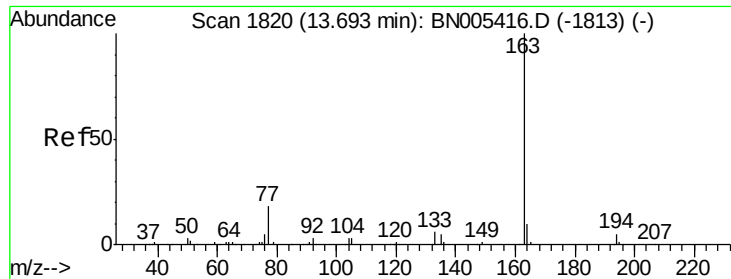


Abundance Ion 117.00 (116.70 to 117.70): BN005416.D (-956) (-)

Ion 201.00 (200.70 to 201.70): BN005416.D (-956) (-)

Ion 199.00 (198.70 to 199.70): BN005416.D (-956) (-)





#44

Dimethylphthalate

Concen: 8.747 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :

BNA_N

ClientSampleId :

GAJ66

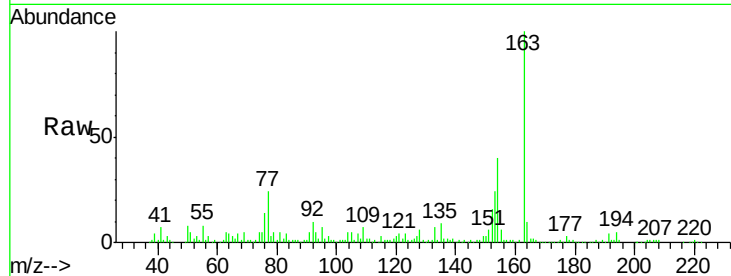
Tgt Ion:163 Resp: 422439

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.0

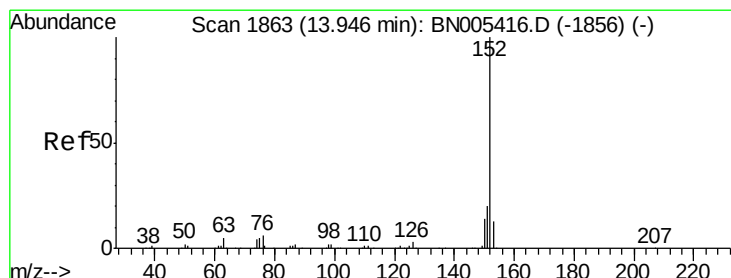
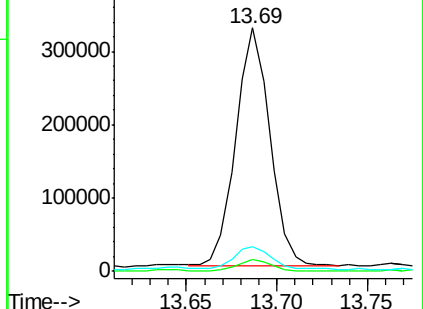
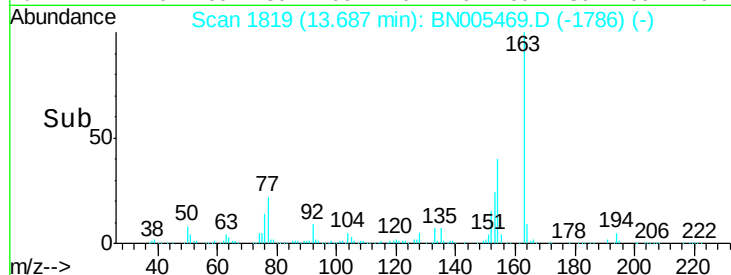
164 10.2 8.1 12.1



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: 20.864 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

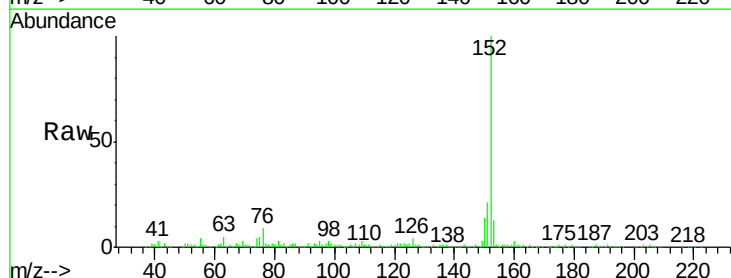
Tgt Ion:152 Resp: 1220567

Ion Ratio Lower Upper

152 100

151 20.9 15.8 23.8

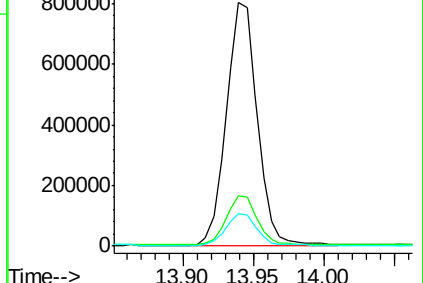
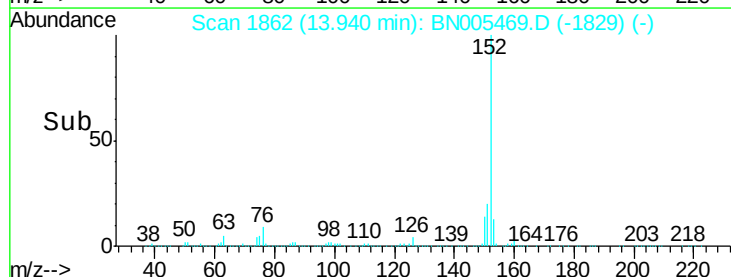
153 13.2 9.8 14.8

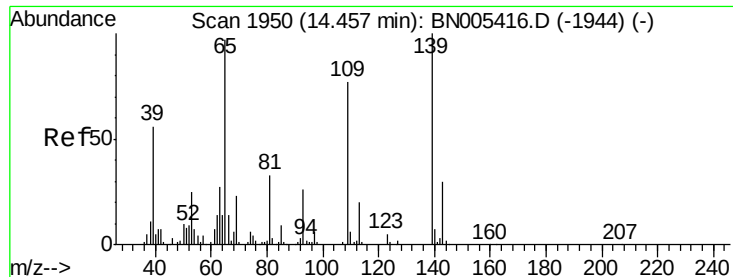


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#52

4-Nitrophenol

Concen: 1.909 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :

BNA_N

ClientSampled :

GAJ66

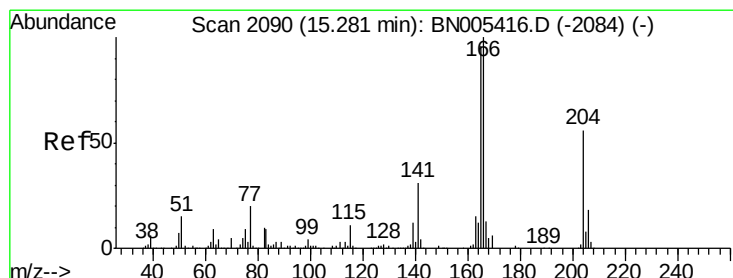
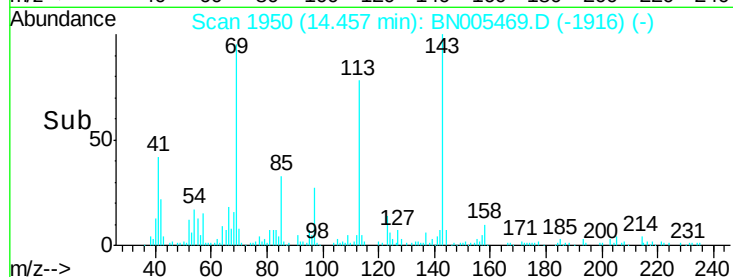
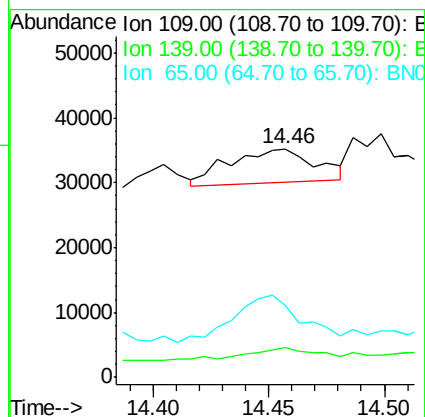
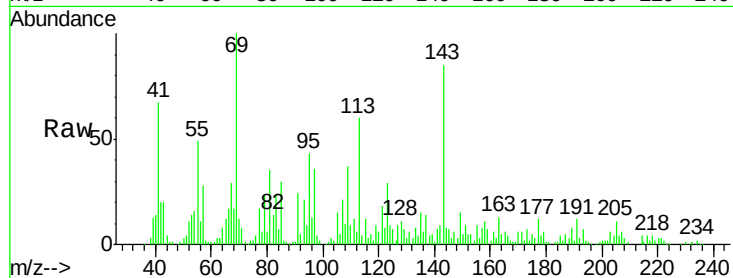
Tgt Ion:109 Resp: 13262

Ion Ratio Lower Upper

109 100

139 13.0 92.3 138.5#

65 31.6 97.5 146.3#



#58

Fluorene

Concen: 2.727 ng/ul

RT: 15.30 min Scan# 2093

Delta R.T. 0.02 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

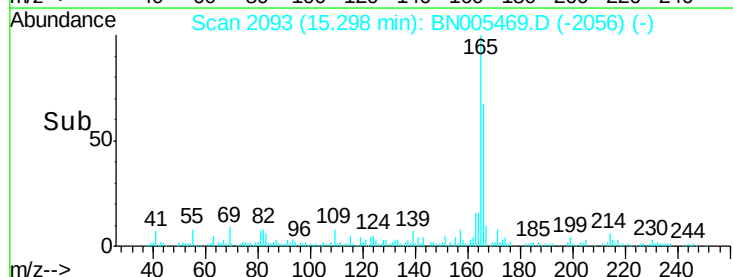
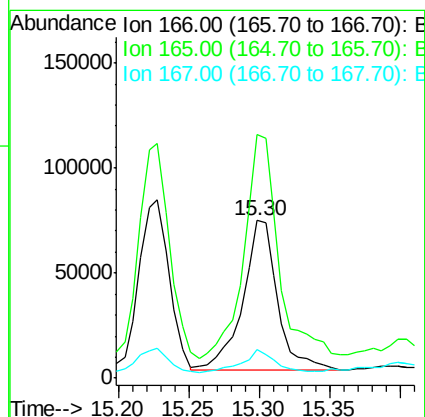
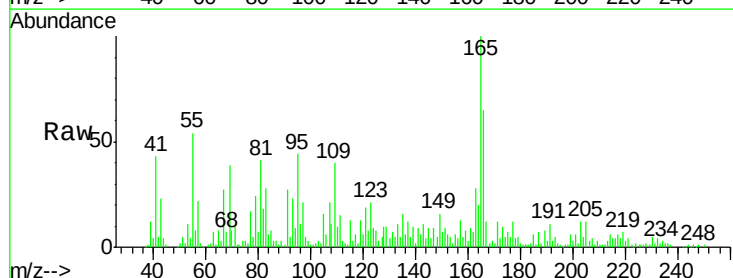
Tgt Ion:166 Resp: 122358

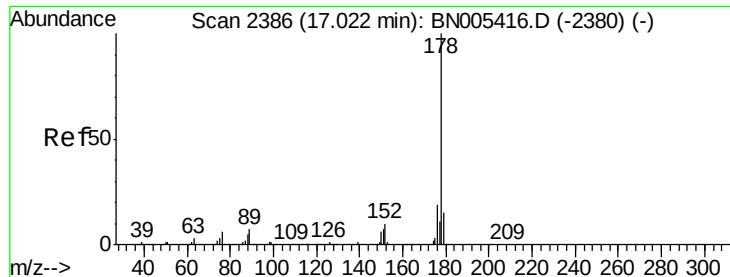
Ion Ratio Lower Upper

166 100

165 154.6 80.0 120.0#

167 17.9 10.7 16.1#





#69

Phenanthrene

Concen: 2.338 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :

BNA_N

ClientSampleId :

GAJ66

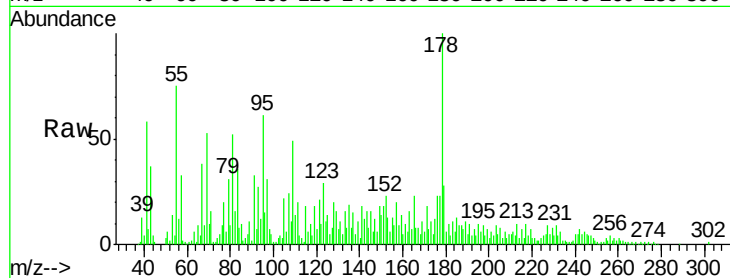
Tgt Ion:178 Resp: 174214

Ion Ratio Lower Upper

178 100

179 28.3 12.2 18.4#

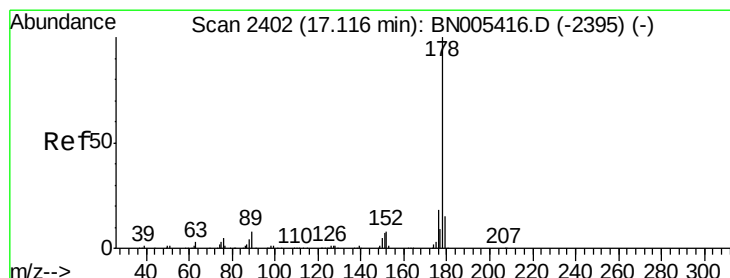
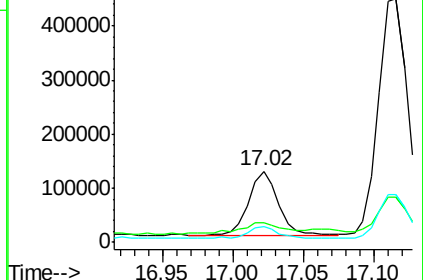
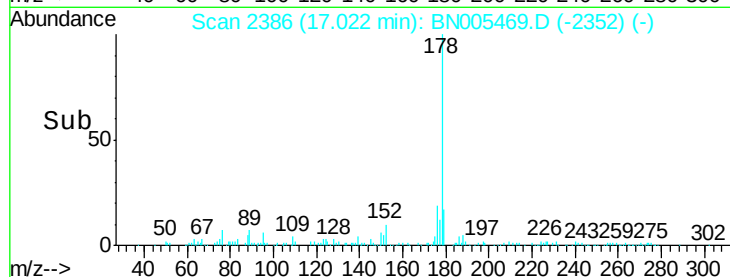
176 22.7 15.1 22.7#



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: 8.403 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

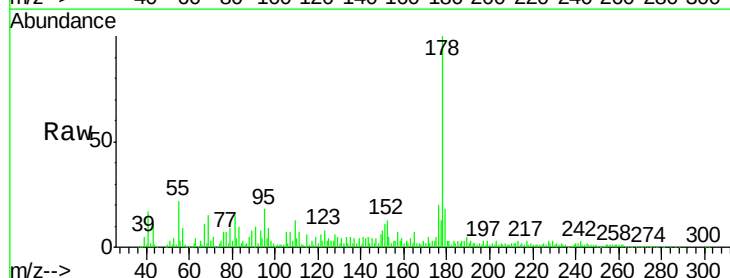
Tgt Ion:178 Resp: 637713

Ion Ratio Lower Upper

178 100

179 18.4 12.3 18.5

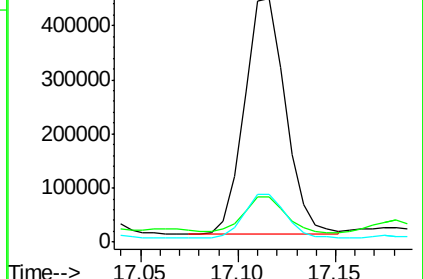
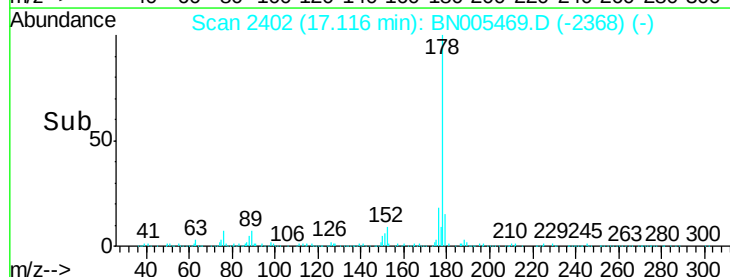
176 19.7 15.1 22.7

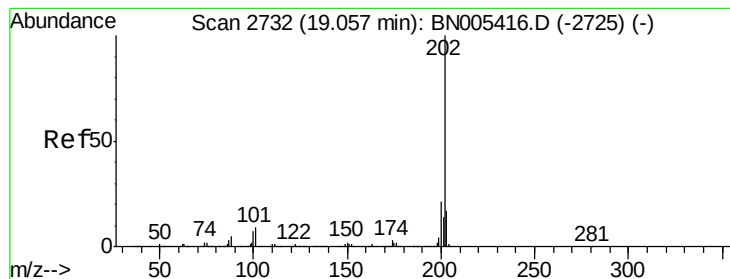


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.519 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. 0.15 min

Lab File: BN005469.D

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Instrument :

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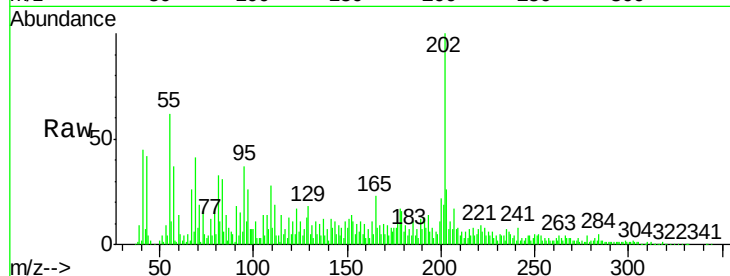
Tgt Ion:202 Resp: 290834

Ion Ratio Lower Upper

202 100

101 10.7 8.6 12.8

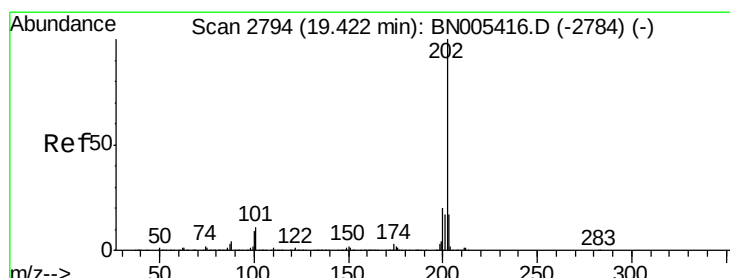
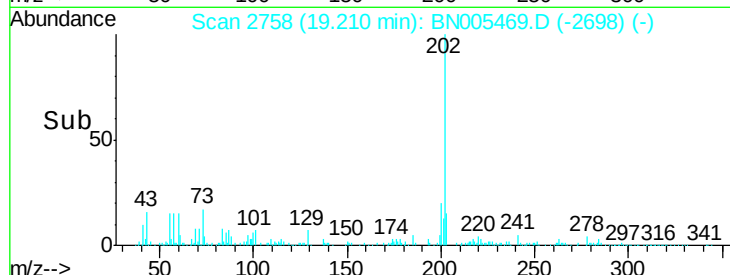
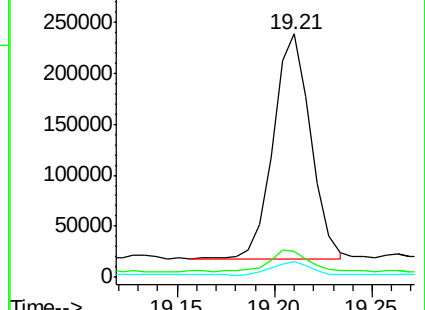
100 6.7 6.3 9.5



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: 25.857 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. 0.01 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

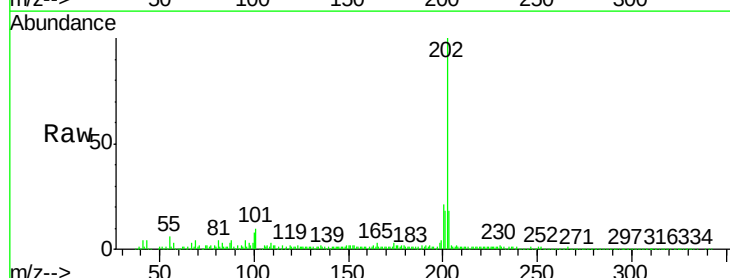
Tgt Ion:202 Resp: 2453038

Ion Ratio Lower Upper

202 100

101 9.8 10.3 15.5#

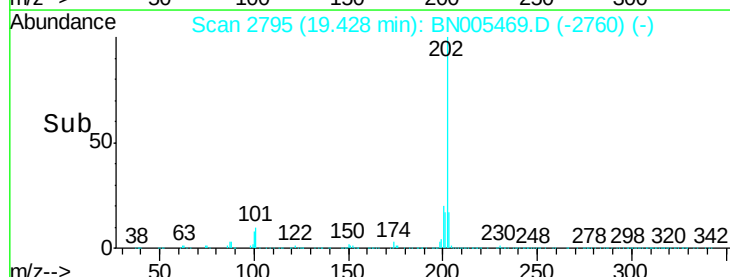
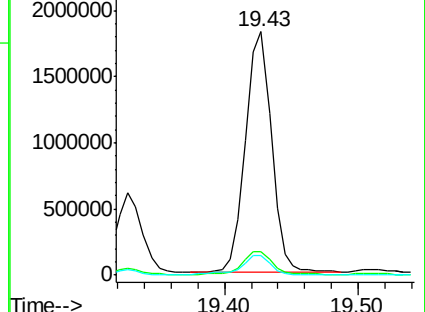
100 8.2 7.9 11.9

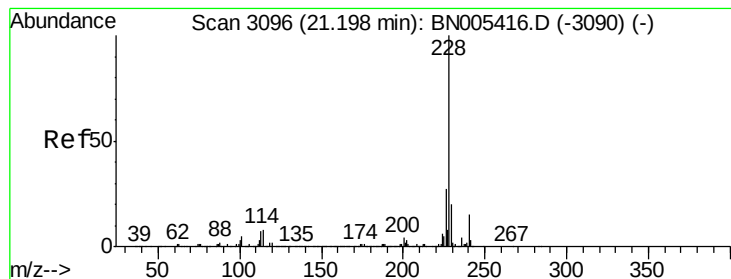


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 3.842 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :

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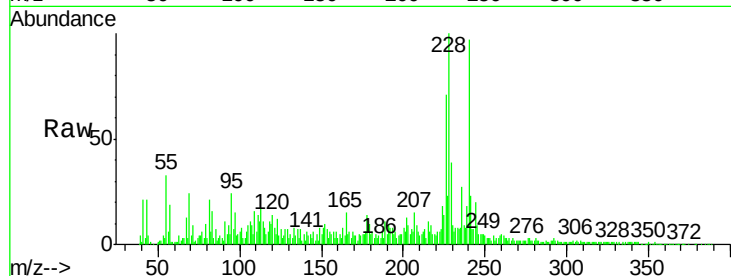
Tgt Ion:228 Resp: 352163

Ion Ratio Lower Upper

228 100

229 38.7 15.8 23.6#

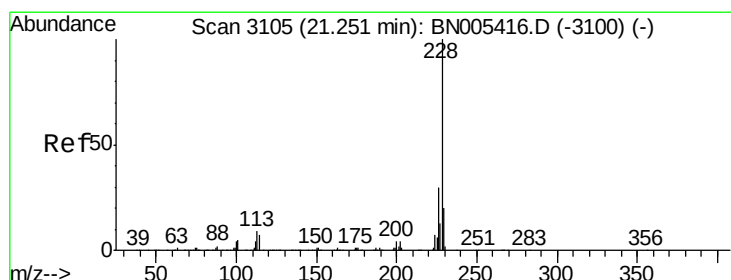
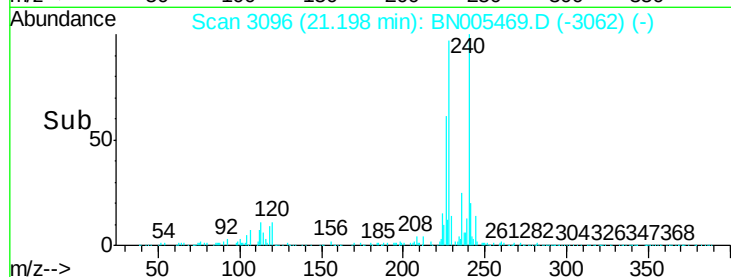
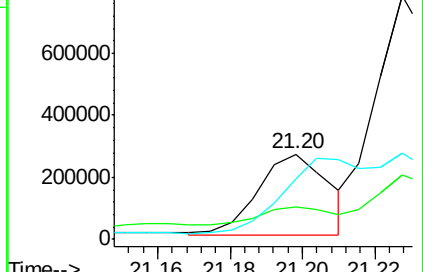
226 70.8 21.4 32.2#



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



#84

Chrysene

Concen: 13.702 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.02 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

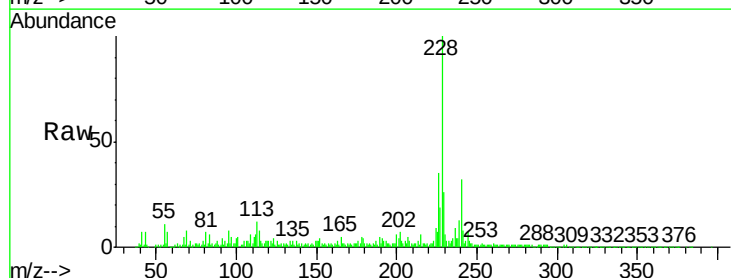
Tgt Ion:228 Resp: 1165613

Ion Ratio Lower Upper

228 100

226 35.5 24.0 36.0

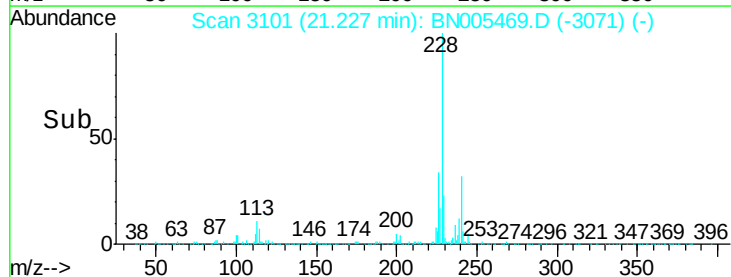
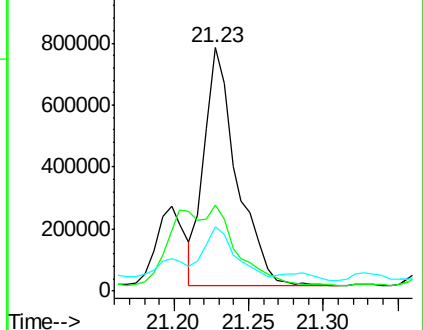
229 26.3 15.4 23.0#

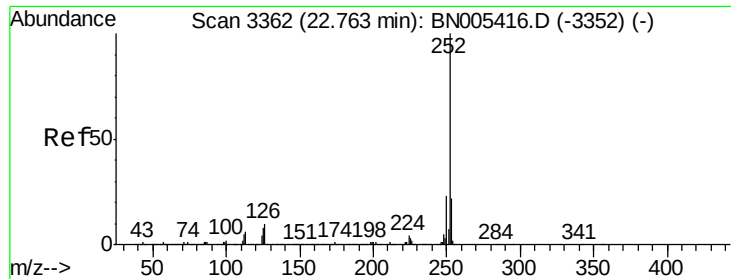


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 11.983 ng/ul

RT: 22.76 min Scan# 3362

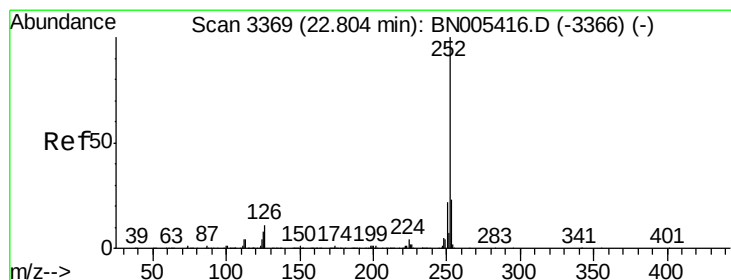
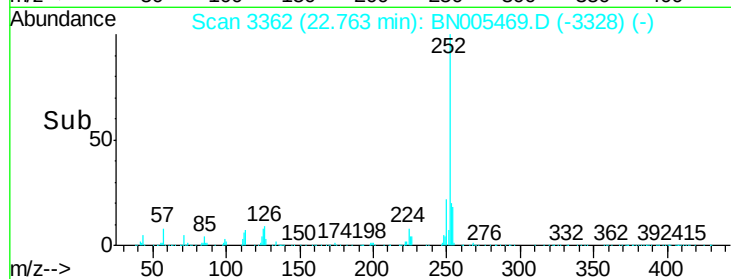
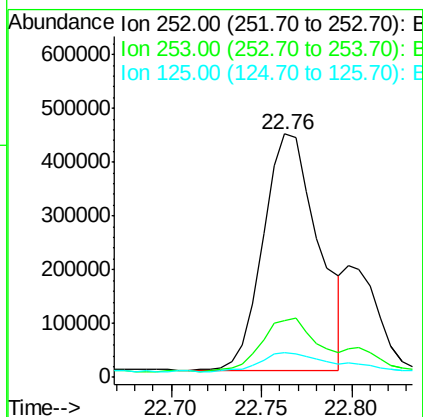
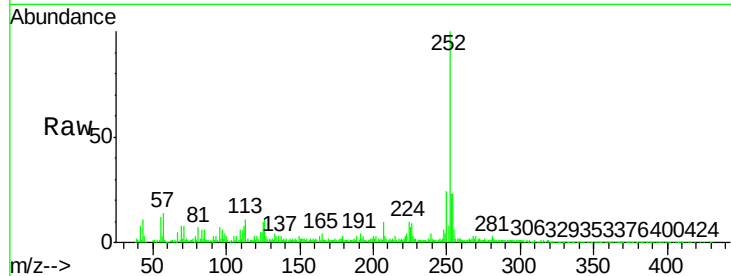
Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :
BNA_N
ClientSampleId :
GAJ66

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.7	26.5
125	10.1	8.4	12.6



#88

Benzo(k)fluoranthene

Concen: 12.547 ng/ul

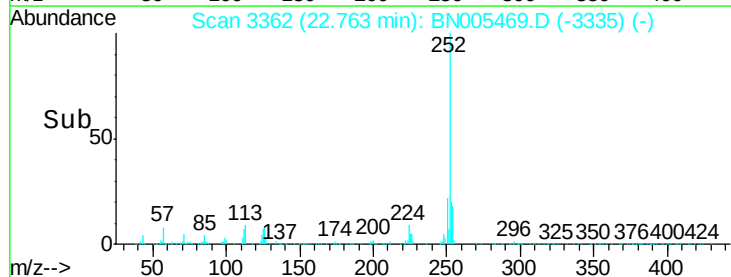
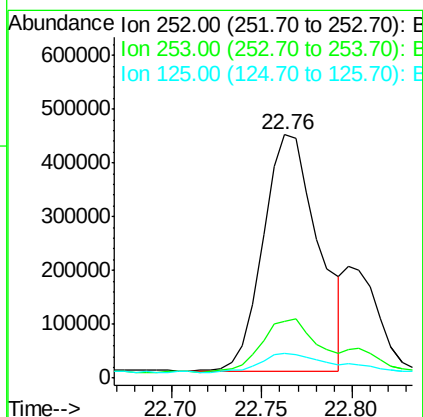
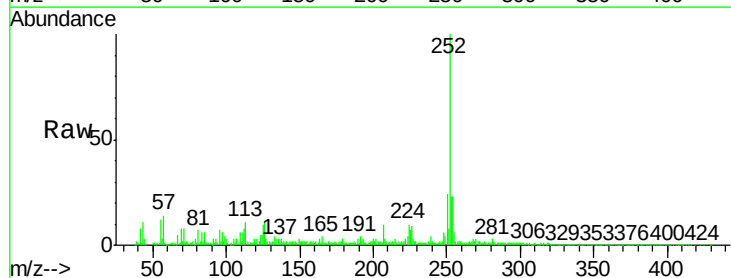
RT: 22.76 min Scan# 3362

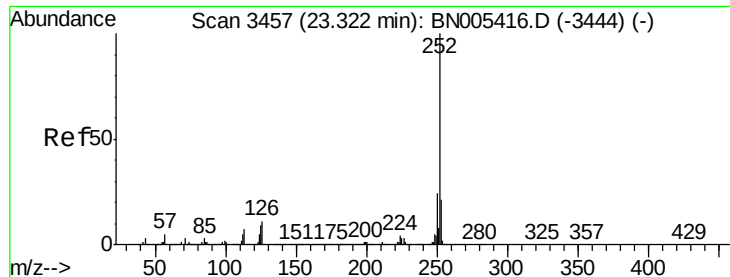
Delta R.T. -0.04 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.1	7.5	11.3





#90

Benzo(a)pyrene

Concen: 15.921 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

Instrument :

BNA_N

ClientSampleId :

GAJ66

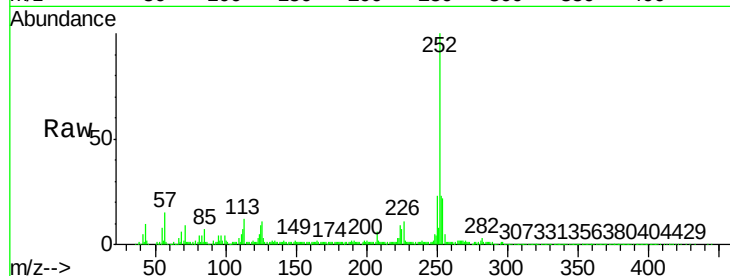
Tgt Ion:252 Resp: 1165905

Ion Ratio Lower Upper

252 100

253 23.3 17.3 25.9

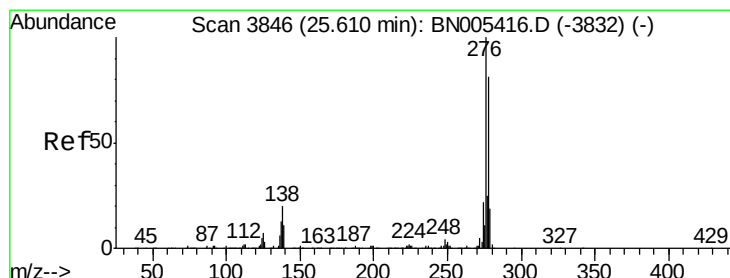
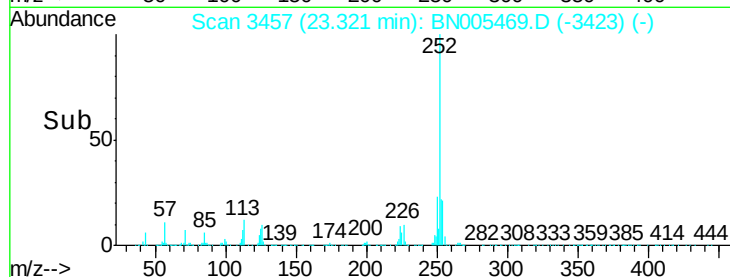
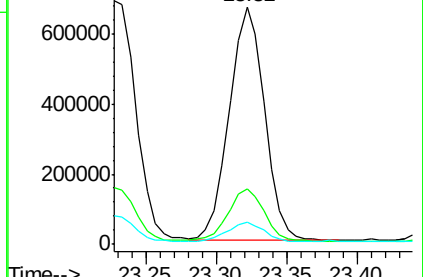
125 9.5 8.6 13.0



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: 9.527 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BN005469.D

Acq: 04 May 2019 01:51

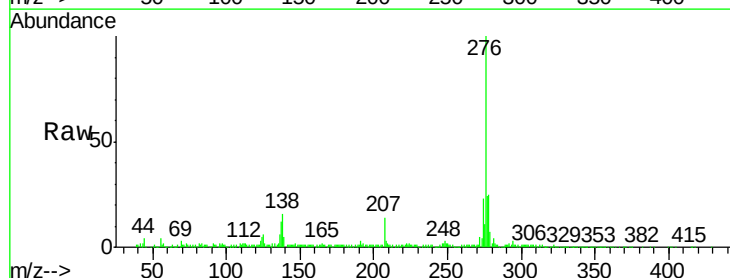
Tgt Ion:276 Resp: 771332

Ion Ratio Lower Upper

276 100

138 21.7 17.9 26.9

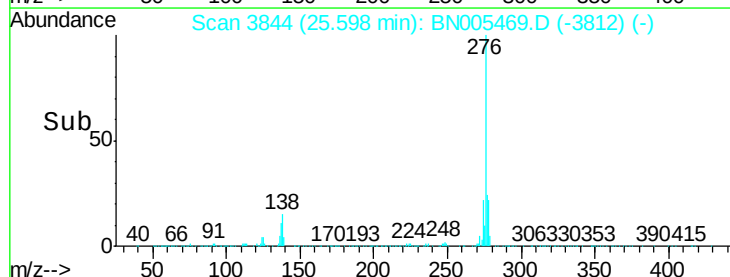
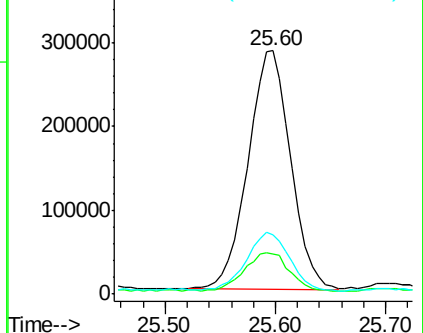
277 24.2 19.7 29.5

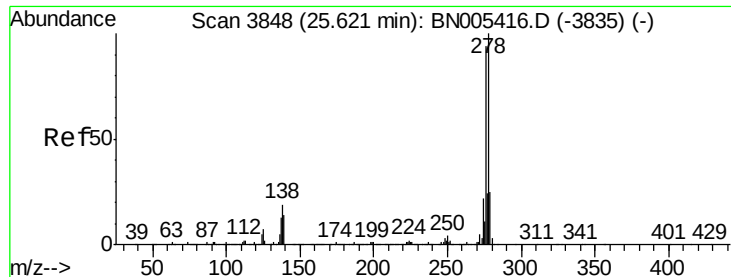


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



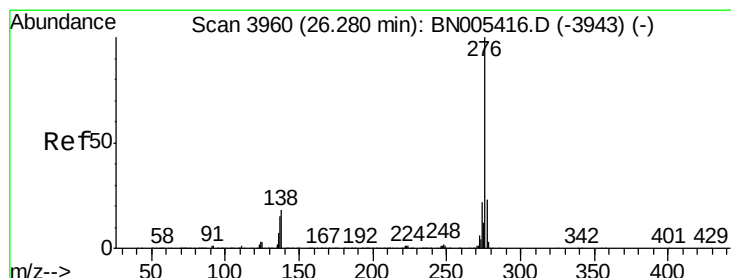
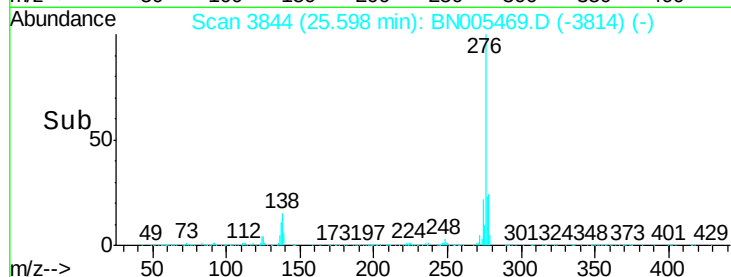
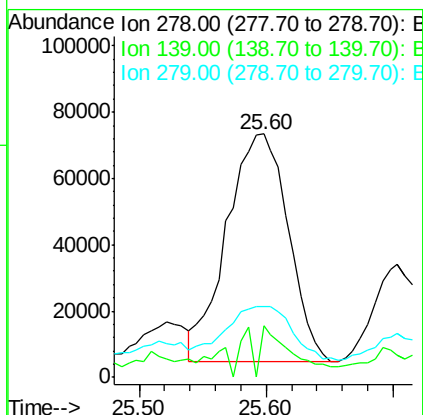
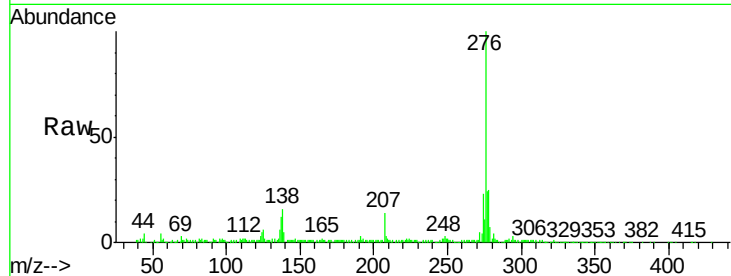


#92
Dibenzo(a,h)anthracene
Concen: 3.369 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Instrument :
BNA_N
ClientSampleId :
GAJ66

Tgt Ion: 278 Resp: 231463

Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.1	19.7#
279	29.0	19.4	29.0#



#93
Benzo(g,h,i)perylene
Concen: 9.892 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BN005469.D
Acq: 04 May 2019 01:51

Tgt Ion: 276 Resp: 662232

Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.7	25.1
277	24.7	18.2	27.2

