

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005237.D
 Acq On : 24 Apr 2019 04:50
 Operator : JU/SJ
 Sample : K2455-10DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR0DL

Quant Time: Apr 24 08:55:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	471017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1987054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1085174	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2173887	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1793089	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1955442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4597	0.47	ng/uL	0.00
5) Phenol-d5	6.78	99	82673	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	55521	2.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	69266	2.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	49153	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	32315	2.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	29270	2.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	63665	2.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	71771	2.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	211556	2.69	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	256735	2.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	16217	1.30	ng/ul	0.00
57) Fluorene-d10	15.23	176	177569	2.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4423	0.45	ng/ul	0.00
70) Anthracene-d10	17.08	188	257199	2.82	ng/ul	0.00
78) Pyrene-d10	19.39	212	255505	2.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	228525	2.67	ng/ul	0.00

Target Compounds

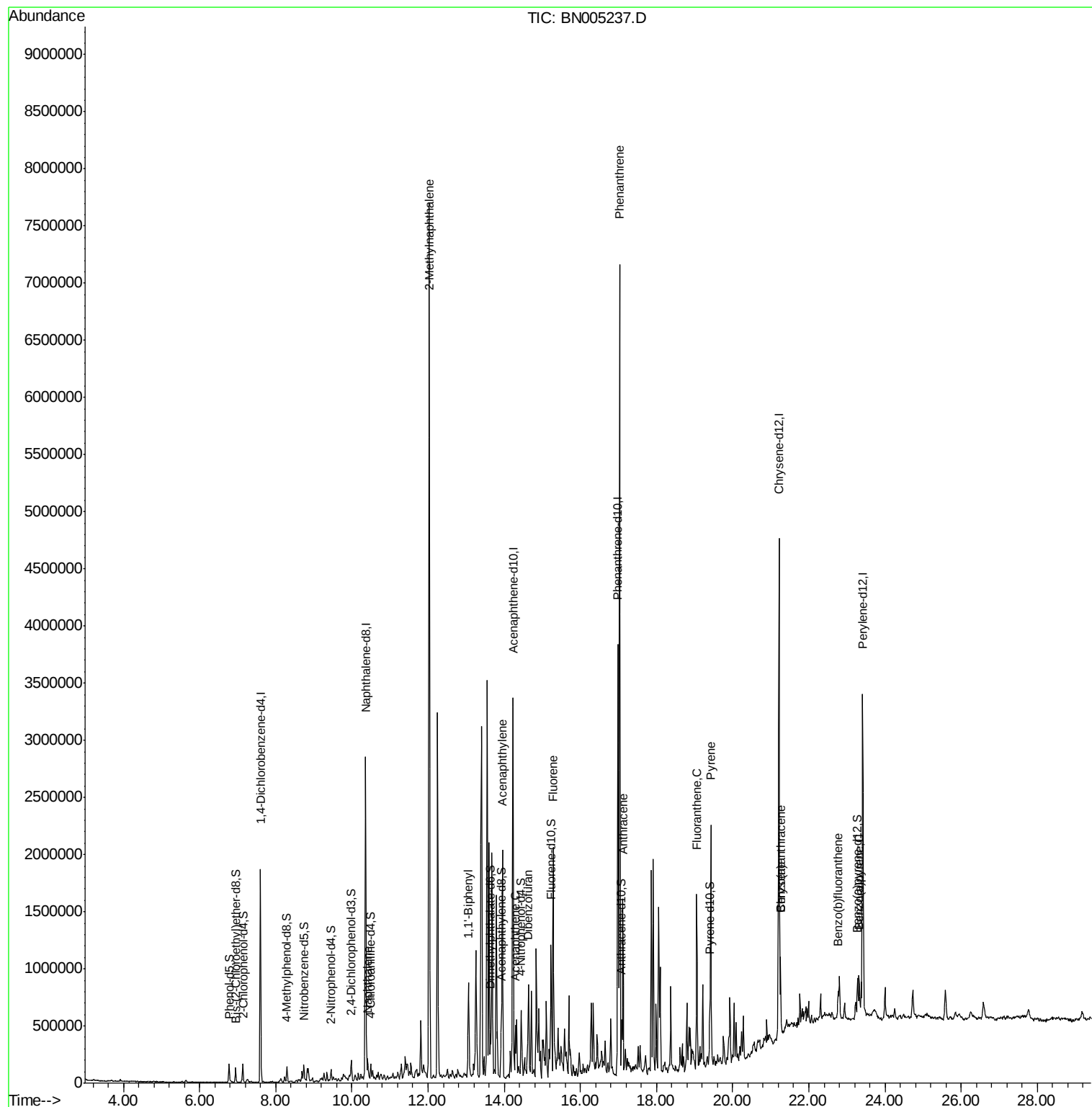
					Qvalue	
28) Naphthalene	10.41	128	118603	1.284	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	3636559	53.765	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	394135	4.875	ng/ul	100
47) Acenaphthylene	13.95	152	958997	10.086	ng/ul#	96
49) Acenaphthene	14.29	153	136726	2.106	ng/ul	98
53) Dibenzofuran	14.63	168	211387	2.262	ng/ul	91
58) Fluorene	15.29	166	910800	12.489	ng/ul	97
69) Phenanthrene	17.03	178	4263727	40.273	ng/ul	99
71) Anthracene	17.12	178	906189	8.402	ng/ul	98
76) Fluoranthene	19.06	202	858955	7.314	ng/ul	99
79) Pyrene	19.43	202	1333429	11.550	ng/ul	98
82) Benzo(a)anthracene	21.25	228	370054	3.317	ng/ul	94
84) Chrysene	21.25	228	370054	3.574	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	228736	2.081	ng/ul	95
90) Benzo(a)pyrene	23.32	252	254264	2.461	ng/ul	98

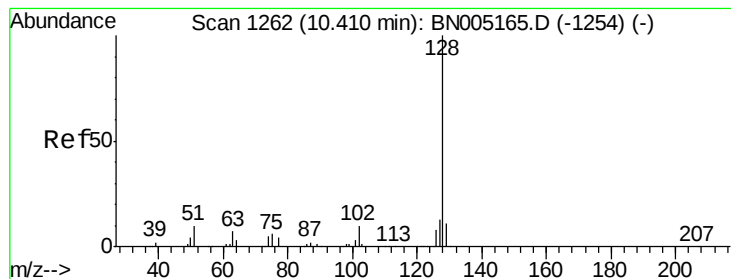
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.284 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

ClientSampleId :

GAHR0DL

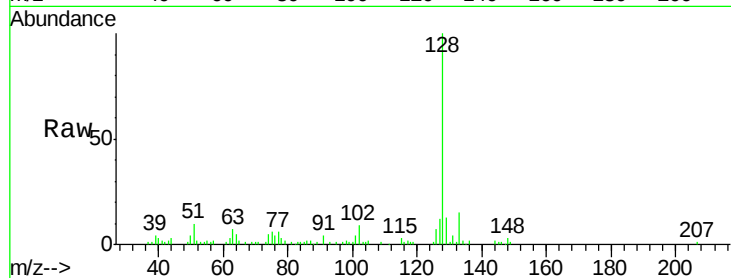
Tgt Ion:128 Resp: 118603

Ion Ratio Lower Upper

128 100

129 12.9 9.2 13.8

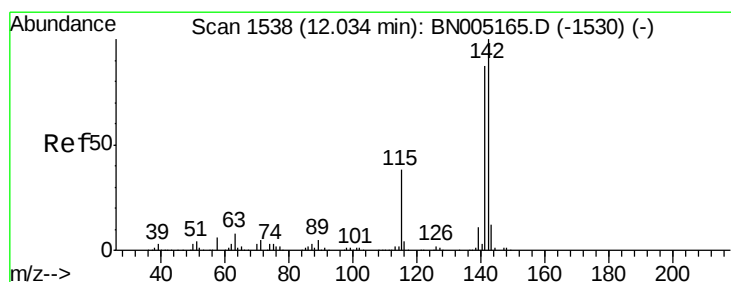
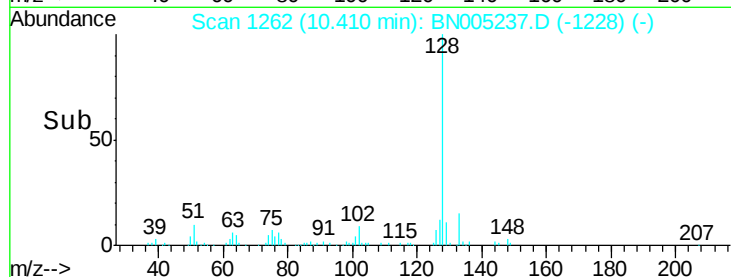
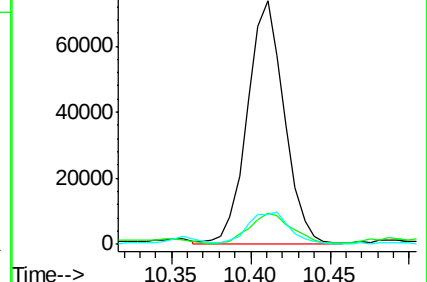
127 12.5 10.7 16.1



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: 53.765 ng/ul

RT: 12.03 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BN005237.D

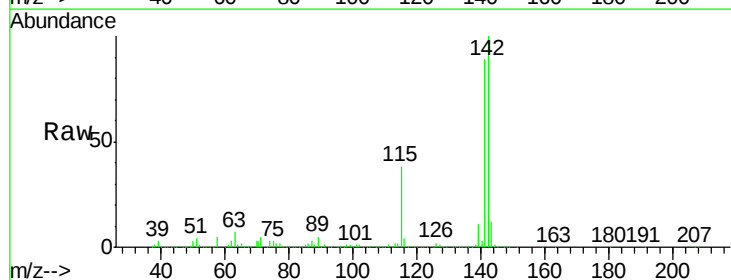
Acq: 24 Apr 2019 04:50

Tgt Ion:142 Resp: 3636559

Ion Ratio Lower Upper

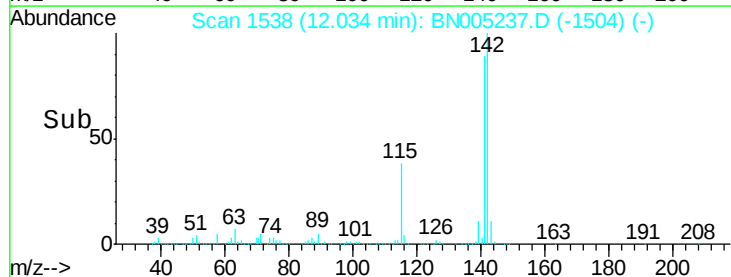
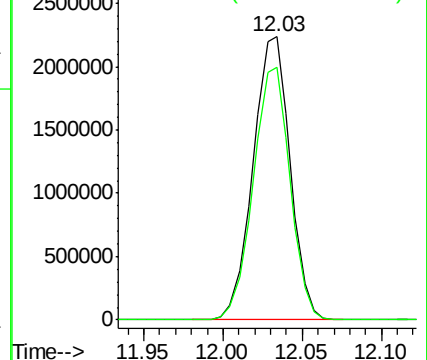
142 100

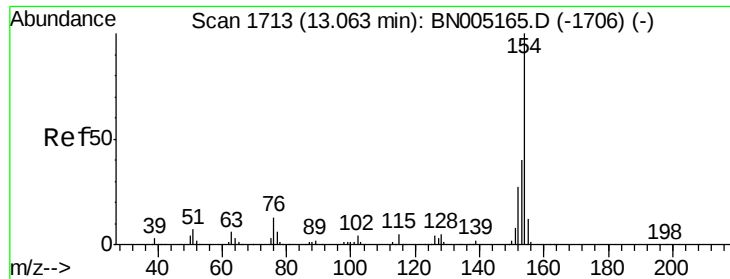
141 89.2 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

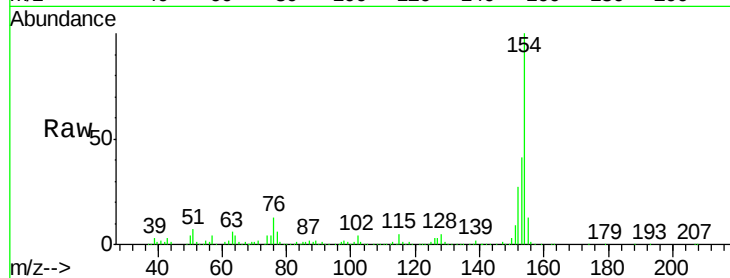




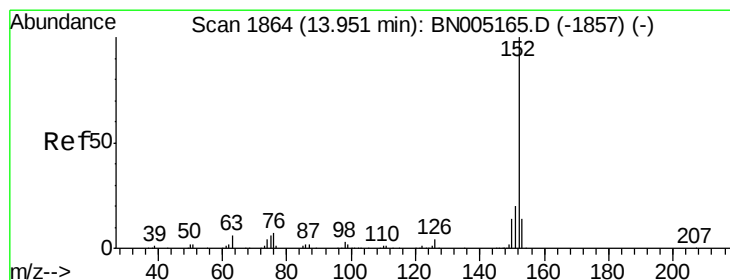
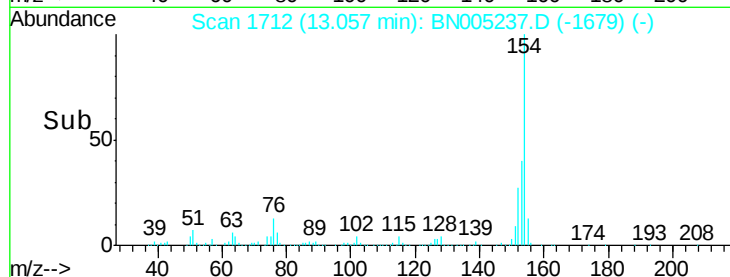
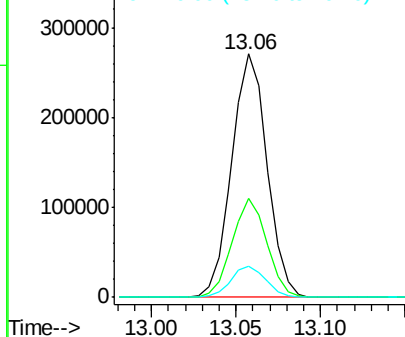
#40
 1,1'-Biphenyl
 Concen: 4.875 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.6	49.0
76	12.7	10.4	15.6

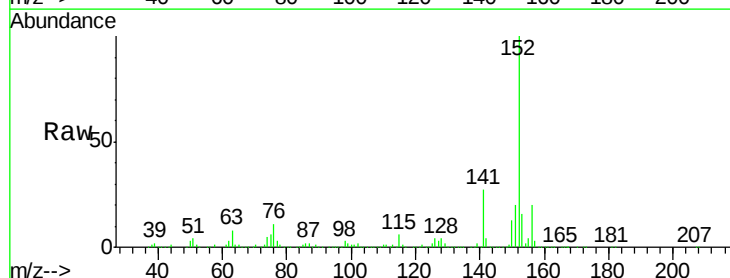


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

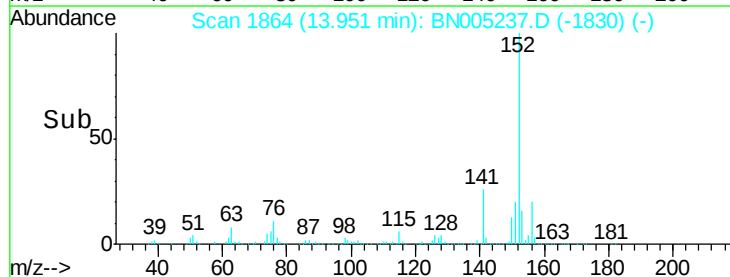
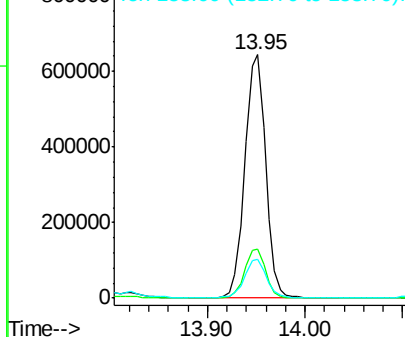


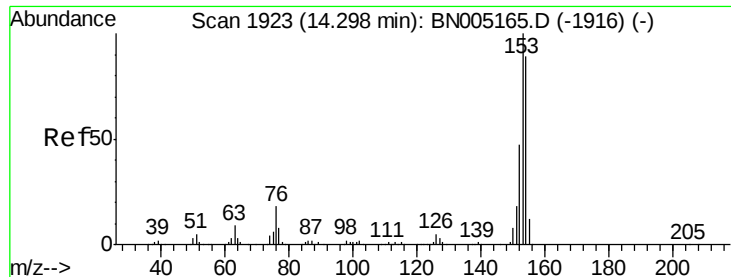
#47
 Acenaphthylene
 Concen: 10.086 ng/ul
 RT: 13.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	16.0	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





#49

Acenaphthene

Concen: 2.106 ng/ul

RT: 14.29 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

ClientSampleId :

GAHR0DL

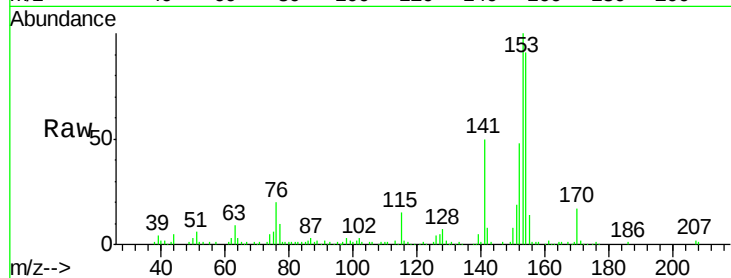
Tgt Ion:153 Resp: 136726

Ion Ratio Lower Upper

153 100

152 48.0 37.4 56.0

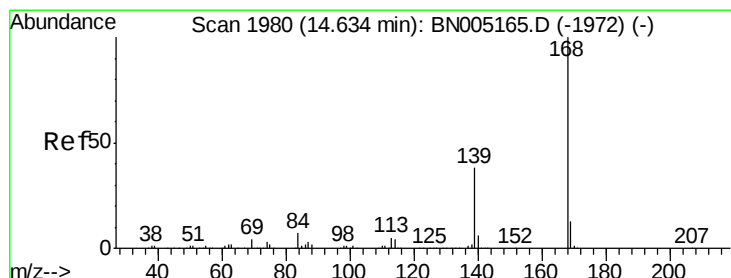
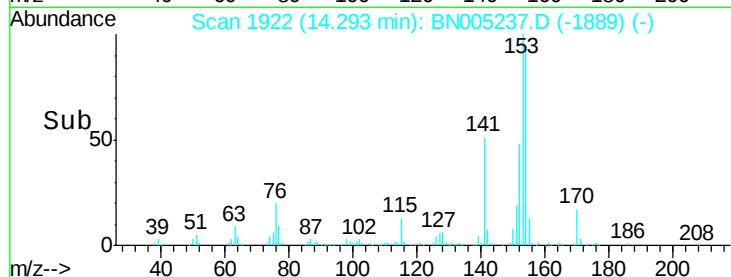
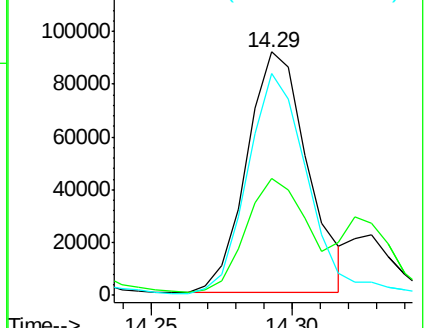
154 90.9 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 2.262 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BN005237.D

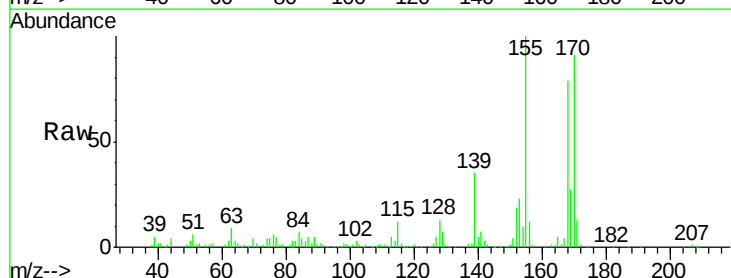
Acq: 24 Apr 2019 04:50

Tgt Ion:168 Resp: 211387

Ion Ratio Lower Upper

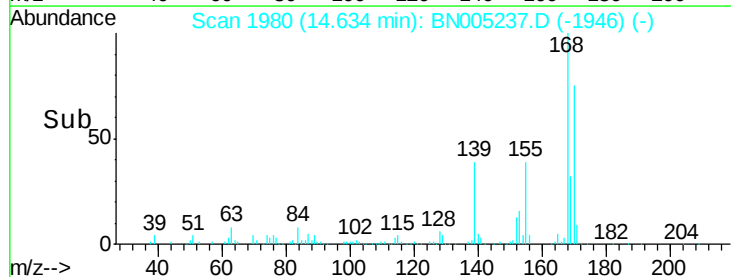
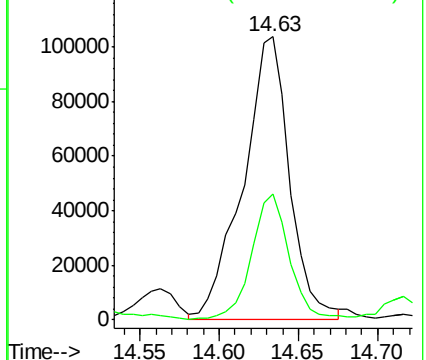
168 100

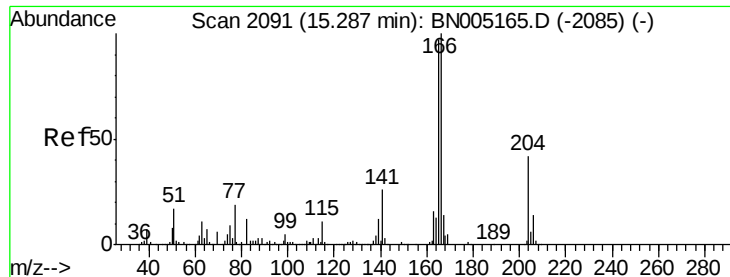
139 44.3 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 12.489 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

ClientSampleId :

GAHR0DL

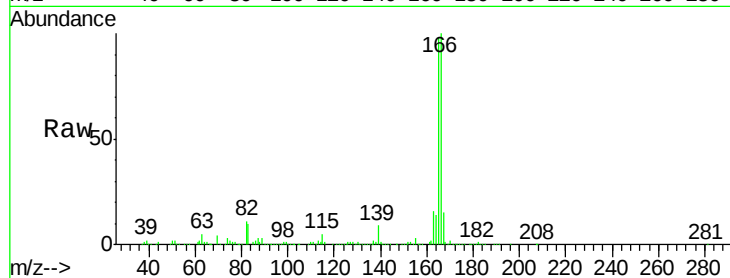
Tgt Ion:166 Resp: 910800

Ion Ratio Lower Upper

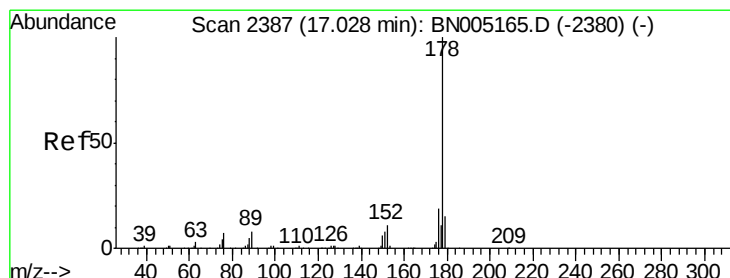
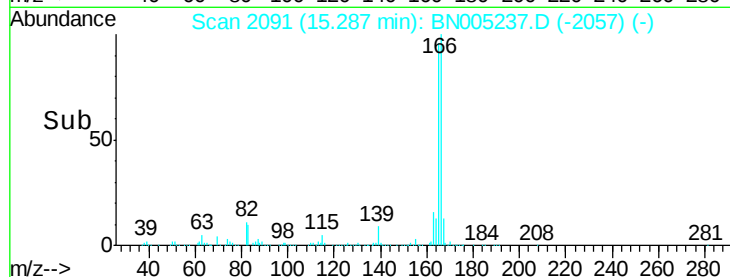
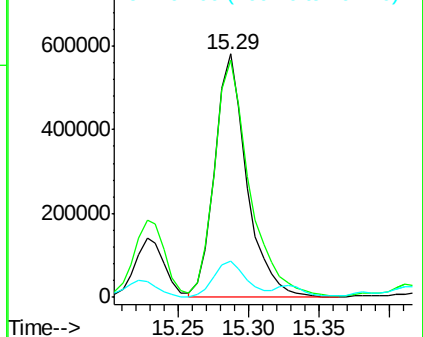
166 100

165 97.7 80.0 120.0

167 15.1 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



#69

Phenanthrene

Concen: 40.273 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

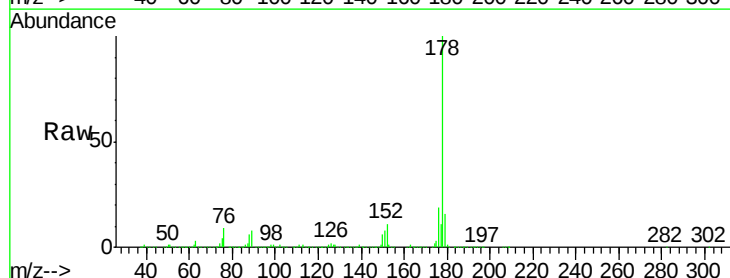
Tgt Ion:178 Resp: 4263727

Ion Ratio Lower Upper

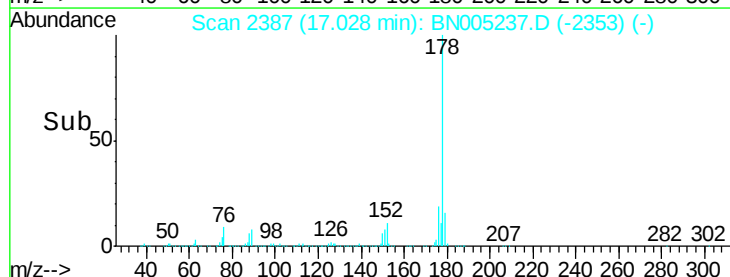
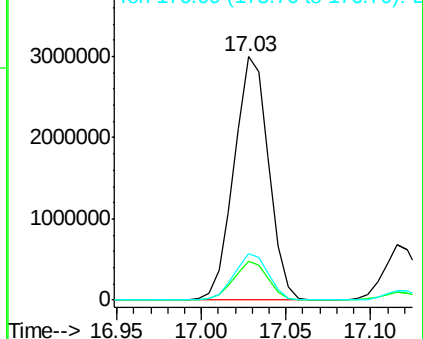
178 100

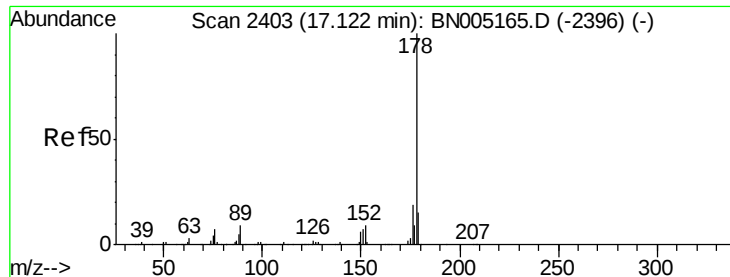
179 15.7 12.2 18.4

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

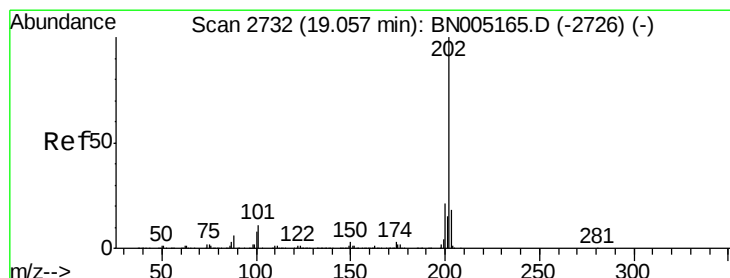
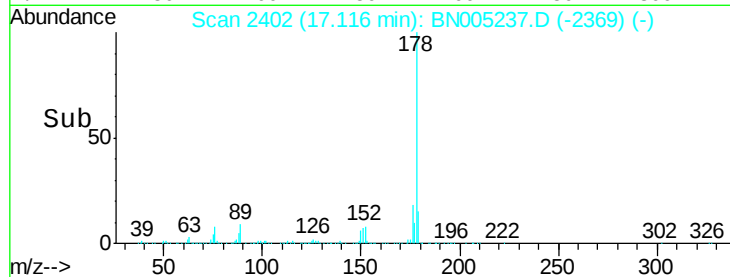
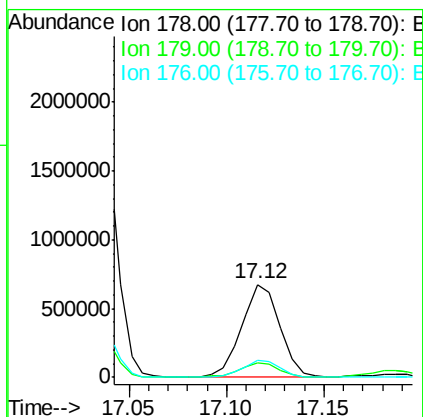
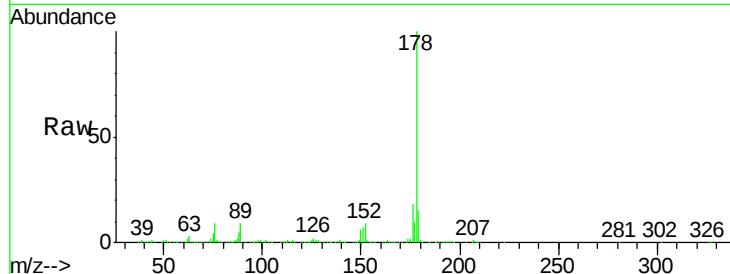




#71
 Anthracene
 Concen: 8.402 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

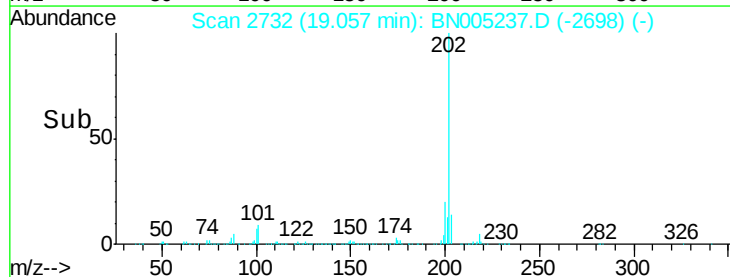
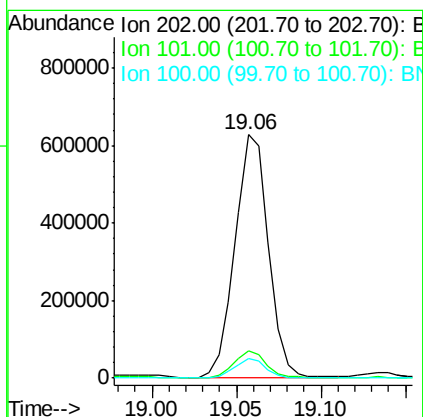
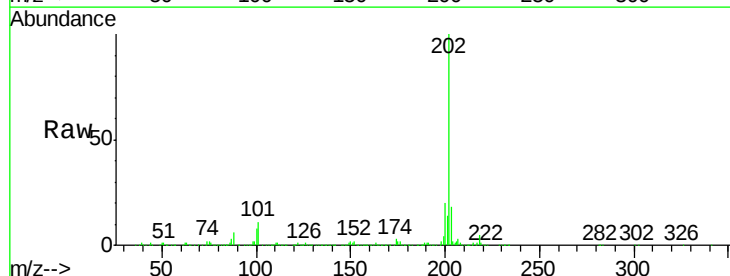
Instrument :
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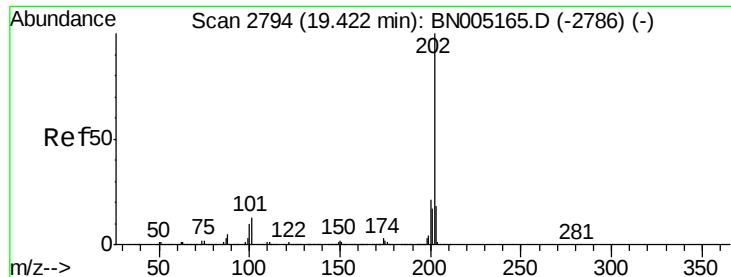
Tgt Ion:178 Resp: 906189
 Ion Ratio Lower Upper
 178 100
 179 14.9 12.3 18.5
 176 17.7 15.1 22.7



#76
 Fluoranthene
 Concen: 7.314 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Tgt Ion:202 Resp: 858955
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.6 12.8
 100 7.9 6.3 9.5

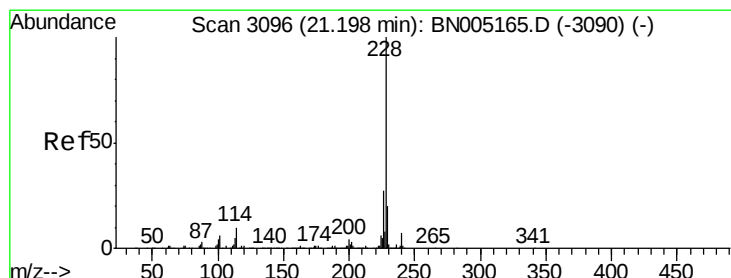
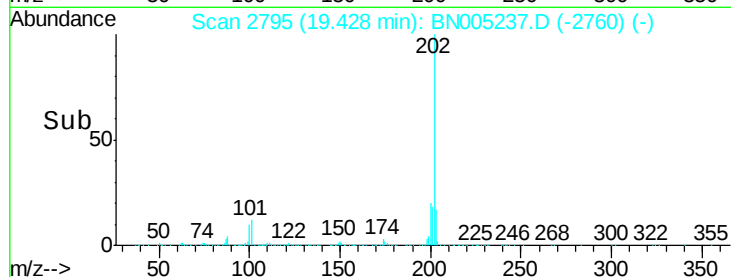
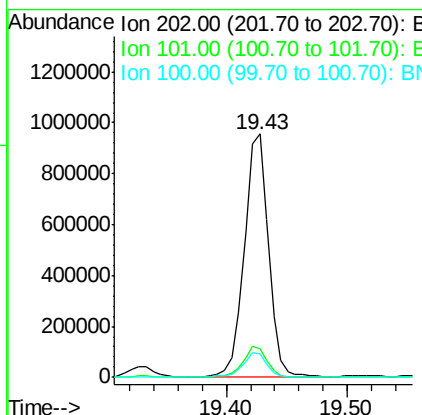
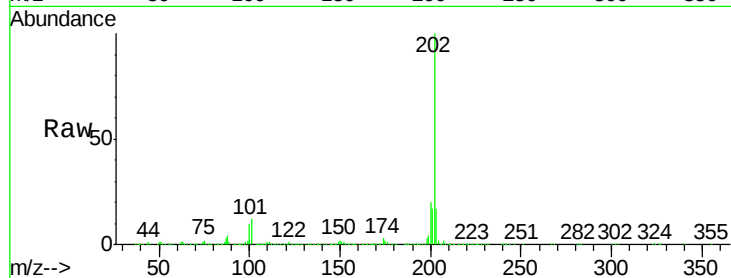




#79
 Pyrene
 Concen: 11.550 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

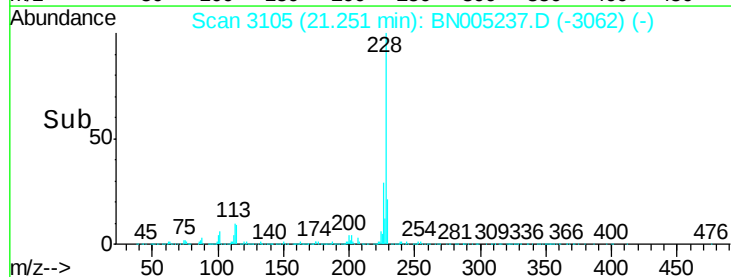
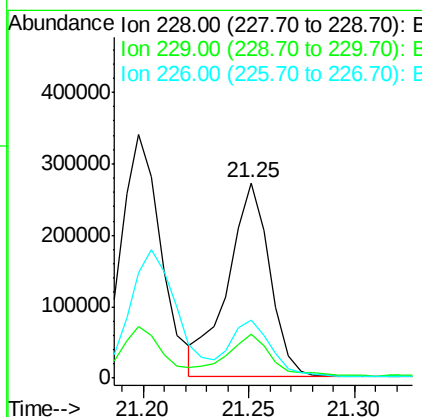
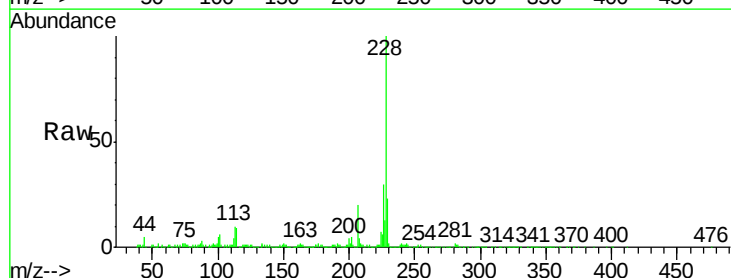
Instrument :
 BNA_N
 ClientSampleId :
 GAHR0DL

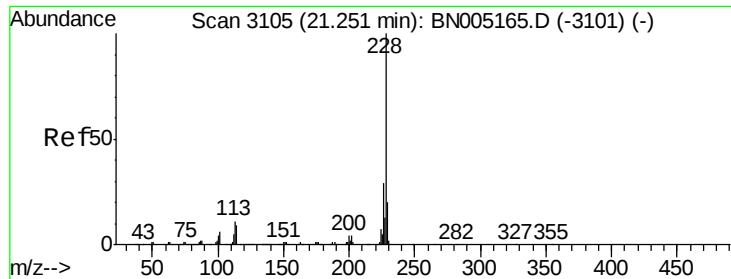
Tgt Ion:202 Resp: 1333429
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.3 15.5
 100 9.6 7.9 11.9



#82
 Benzo(a)anthracene
 Concen: 3.317 ng/ul
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.05 min
 Lab File: BN005237.D
 Acq: 24 Apr 2019 04:50

Tgt Ion:228 Resp: 370054
 Ion Ratio Lower Upper
 228 100
 229 22.6 15.8 23.6
 226 29.8 21.4 32.2





#84

Chrysene

Concen: 3.574 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

ClientSampleId :

GAHR0DL

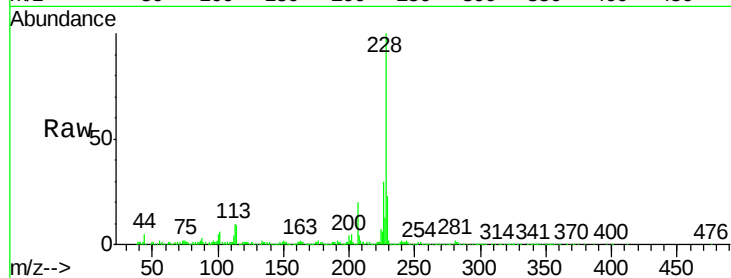
Tgt Ion:228 Resp: 370054

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

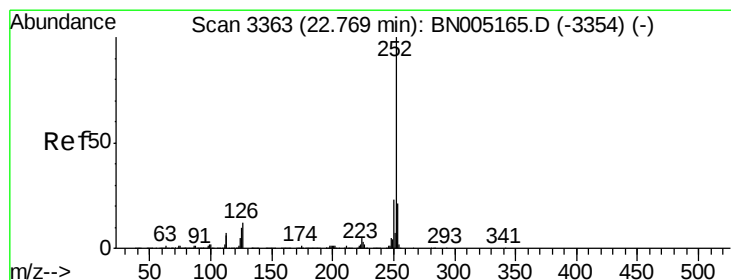
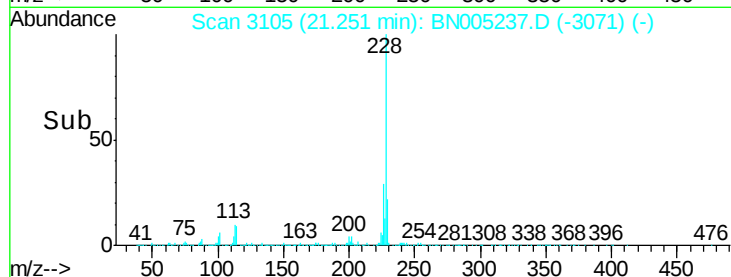
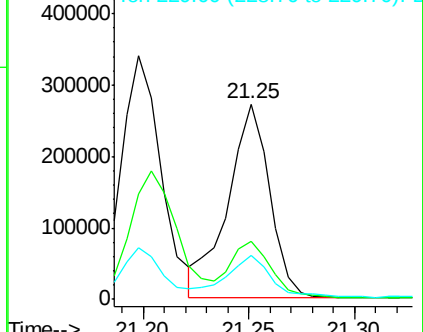
229 22.6 15.4 23.0



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: 2.081 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BN005237.D

Acq: 24 Apr 2019 04:50

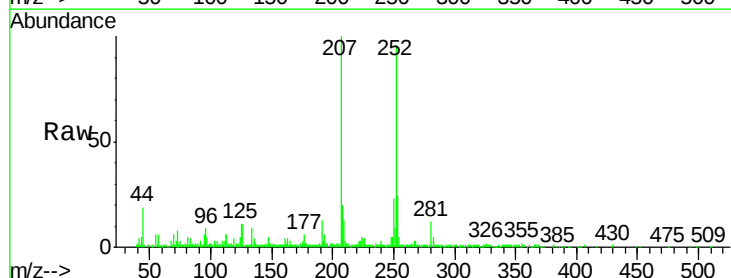
Tgt Ion:252 Resp: 228736

Ion Ratio Lower Upper

252 100

253 25.2 17.7 26.5

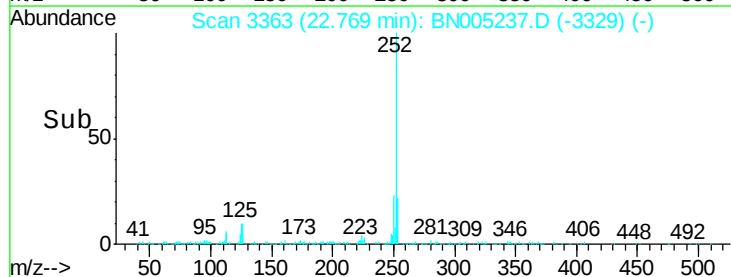
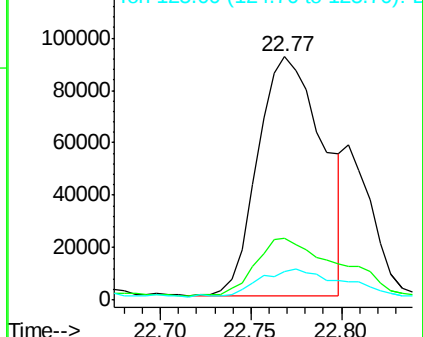
125 11.8 8.4 12.6

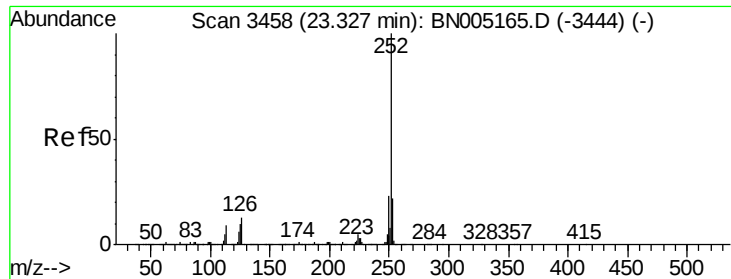


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.461 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN005237.D

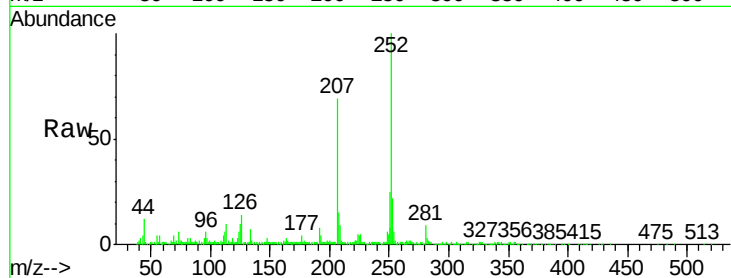
Acq: 24 Apr 2019 04:50

Instrument :

BNA_N

ClientSampleId :

GAHR0DL



Tgt Ion:	252	Resp:	254264
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	9.7	8.6	13.0

