

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005192.D
 Acq On : 23 Apr 2019 01:37
 Operator : JU/SJ
 Sample : K2455-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHR8

Quant Time: Apr 23 04:36:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 04:25:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	424925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1715712	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	1231190	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2895460	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2658996	20.00	ng/ul	0.01
85) Perylene-d12	23.41	264	2598004	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	115914	13.17	ng/uL	0.00
5) Phenol-d5	6.78	99	1479597	44.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	989204	47.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	1201362	47.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1253027	48.03	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	606155	57.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	652231	60.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1173709	47.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	3062953	121.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	3398148	38.02	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	4371607	39.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	597853	42.37	ng/ul	0.00
57) Fluorene-d10	15.24	176	2994334	39.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	452829	34.77	ng/ul	0.00
70) Anthracene-d10	17.09	188	4638568	38.22	ng/ul	0.00
78) Pyrene-d10	19.40	212	5119662	37.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	4395466	38.71	ng/ul	0.03

Target Compounds

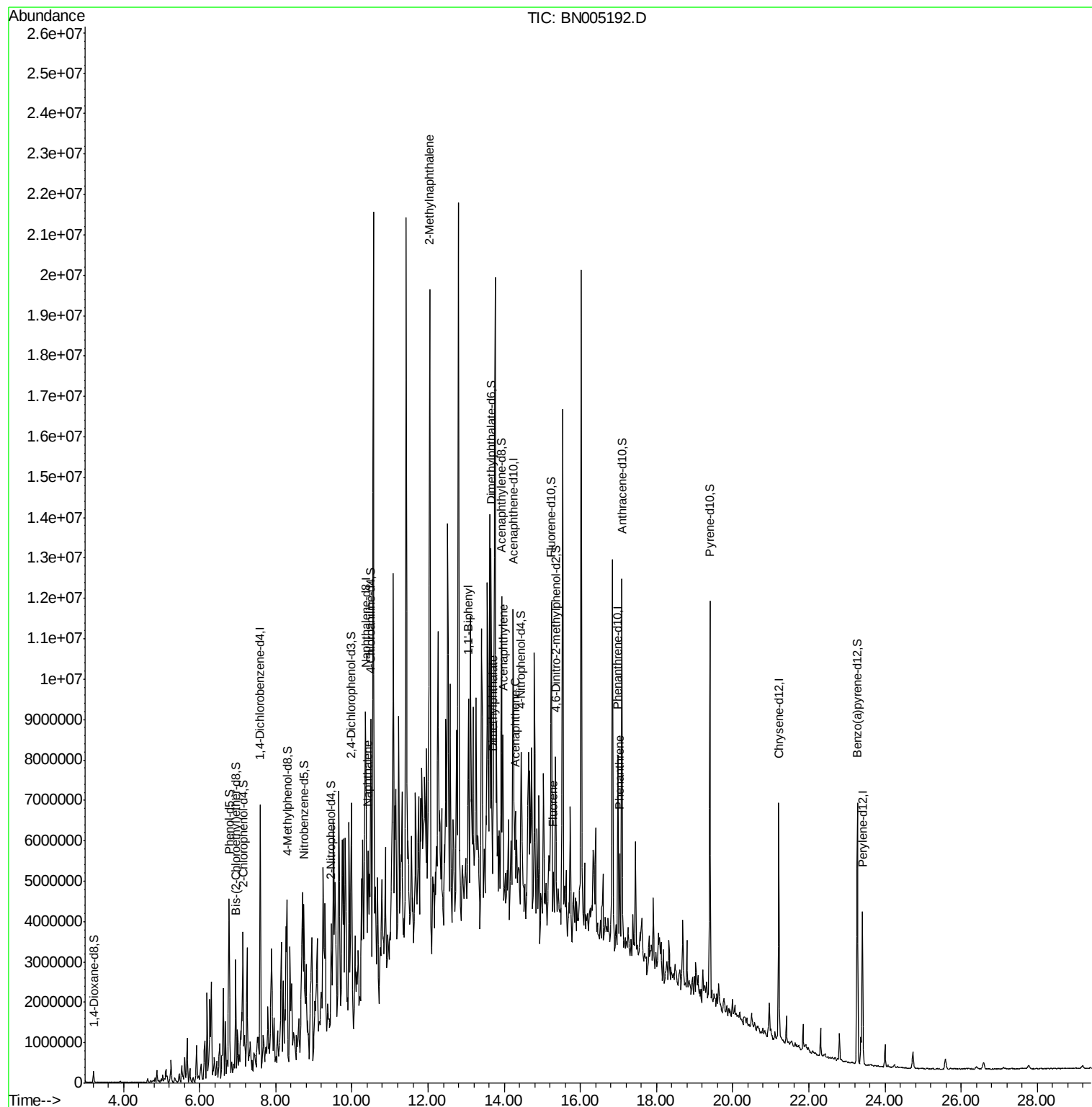
					Ovalue	
28) Naphthalene	10.42	128	1425498	17.872	ng/ul#	95
34) 2-Methylnaphthalene	12.04	142	4911777	84.103	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	403041	4.394	ng/ul	94
44) Dimethylphthalate	13.70	163	627010	7.041	ng/ul#	96
47) Acenaphthylene	13.96	152	182513	1.692	ng/ul#	19
49) Acenaphthene	14.30	153	113682	1.544	ng/ul#	79
58) Fluorene	15.29	166	295728	3.574	ng/ul#	89
69) Phenanthrene	17.03	178	639844	4.537	ng/ul#	94

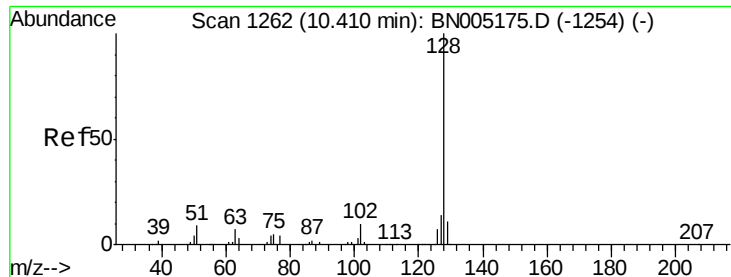
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 17.872 ng/ul

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BN005192.D

Acq: 23 Apr 2019 01:37

Instrument :

BNA_N

ClientSampled :

GAHR8

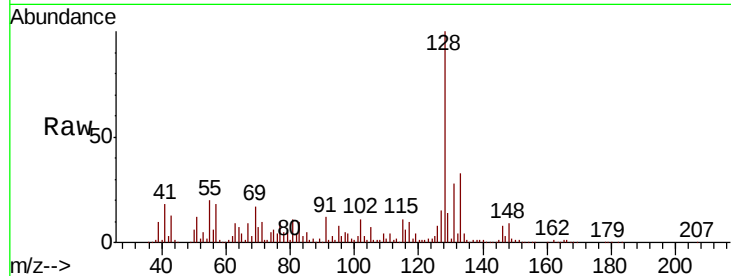
Tot Ion:128 Resp: 1425498

Ion Ratio Lower Upper

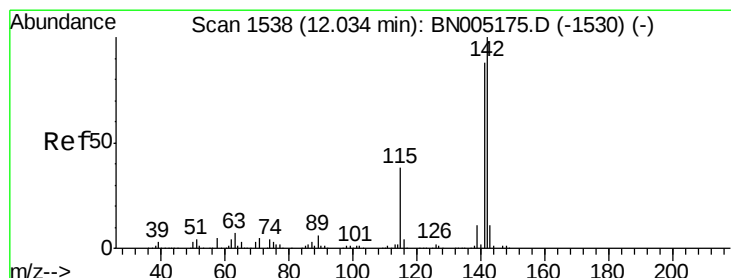
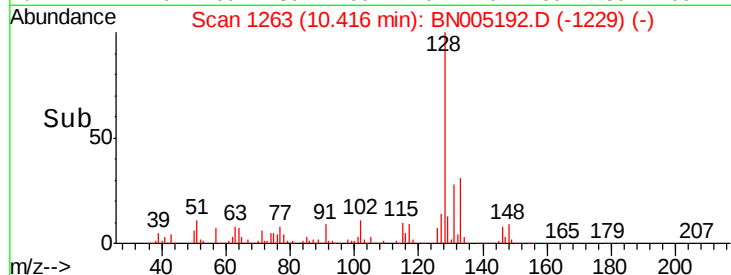
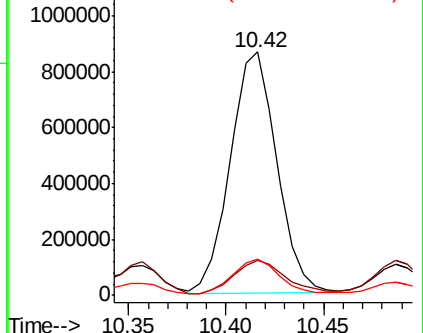
128 100

129 14.4 9.2 13.8#

127 14.8 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: 84.103 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BN005192.D

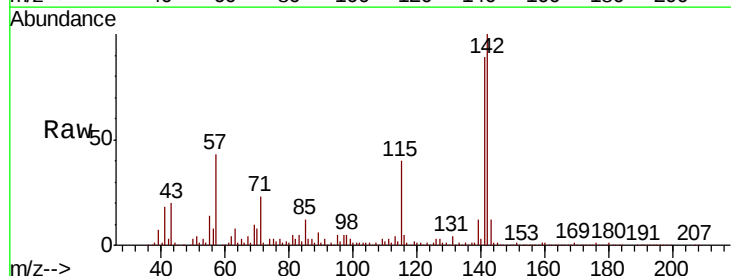
Acq: 23 Apr 2019 01:37

Tgt Ion:142 Resp: 4911777

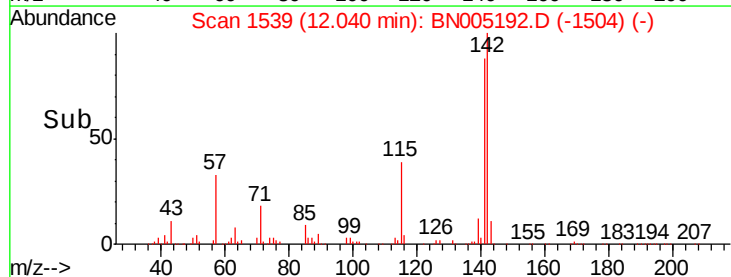
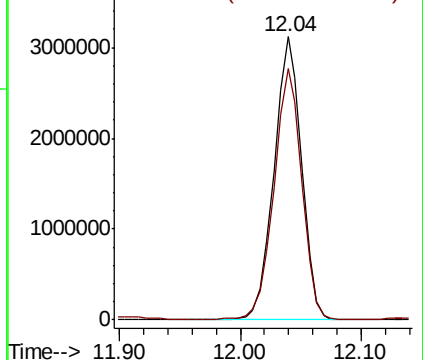
Ion Ratio Lower Upper

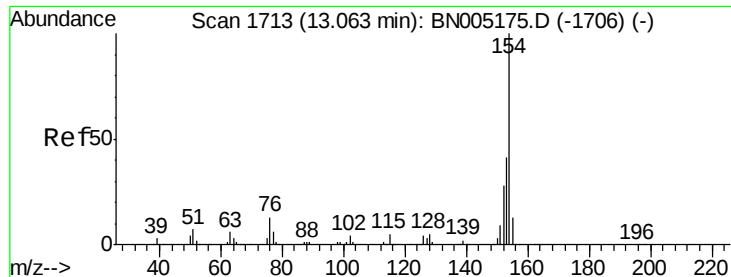
142 100

141 88.7 72.0 108.0



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

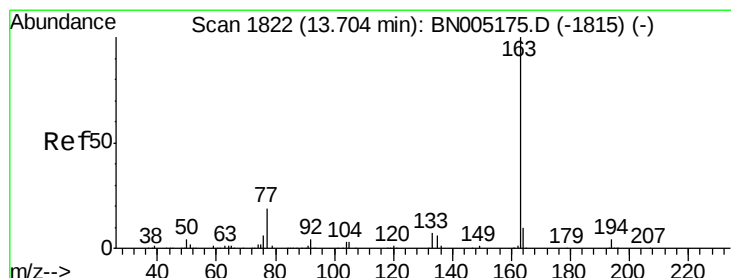
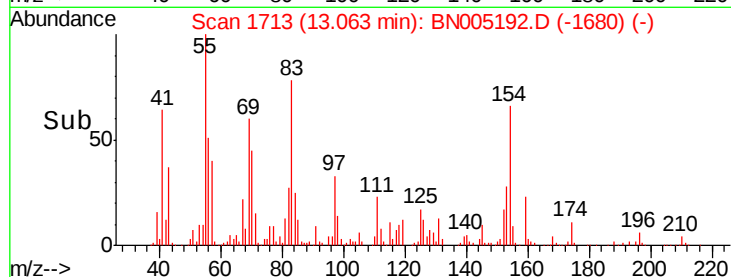
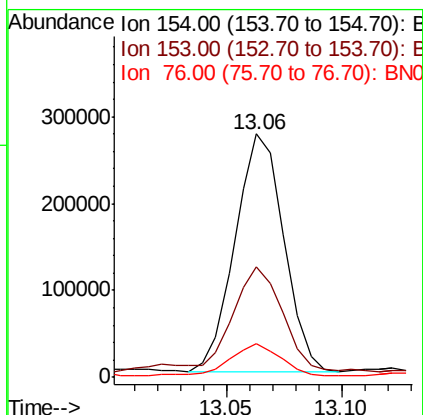
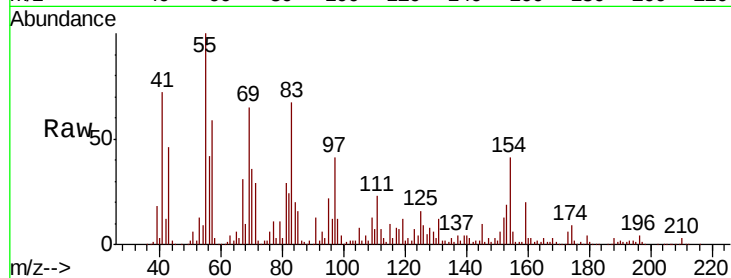




#40
 1,1'-Biphenyl
 Concen: 4.394 ng/ul
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BN005192.D
 Acq: 23 Apr 2019 01:37

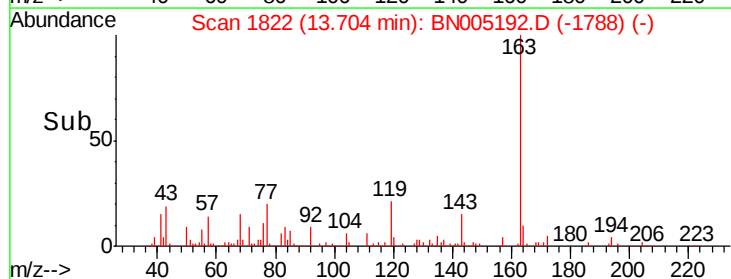
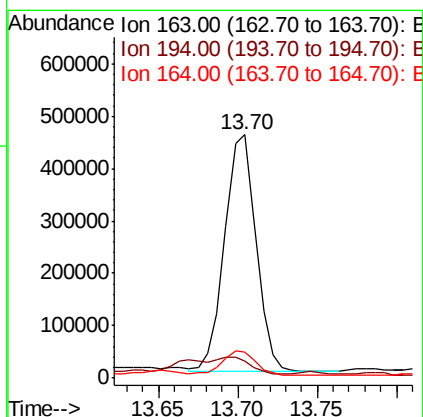
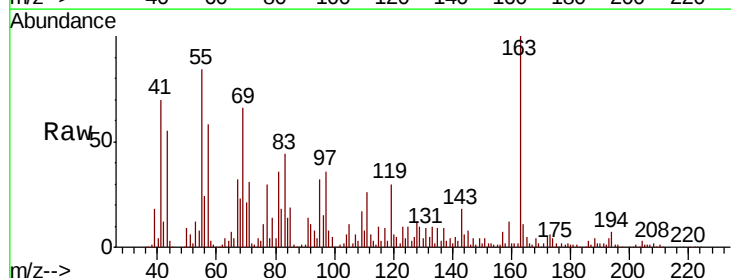
Instrument :
 BNA_N
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 GAHR8

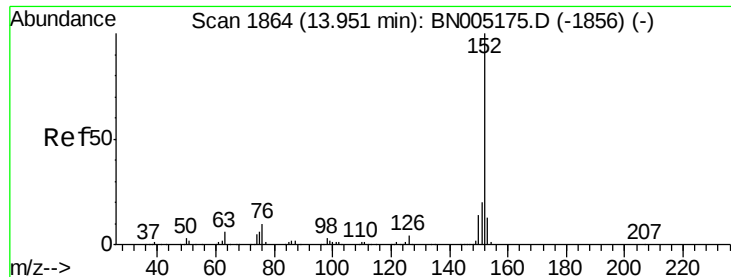
Tot Ion:154 Resp: 403041
 Ion Ratio Lower Upper
 154 100
 153 45.3 32.6 49.0
 76 13.8 10.4 15.6



#44
 Dimethylphthalate
 Concen: 7.041 ng/ul
 RT: 13.70 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BN005192.D
 Acq: 23 Apr 2019 01:37

Tgt Ion:163 Resp: 627010
 Ion Ratio Lower Upper
 163 100
 194 7.0 3.4 5.0#
 164 10.7 8.1 12.1





#47

Acenaphthylene

Concen: 1.692 ng/ul

RT: 13.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN005192.D

Acq: 23 Apr 2019 01:37

Instrument :

BNA_N

ClientSampled :

GAHR8

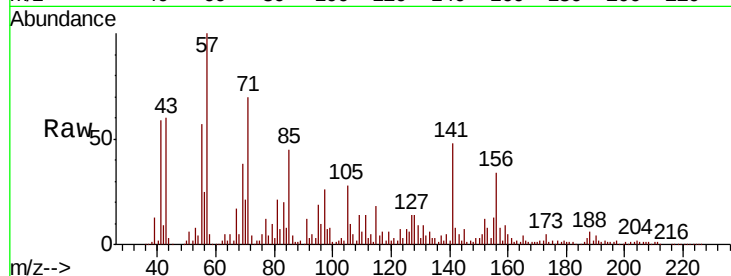
Tot Ion:152 Resp: 182513

Ion Ratio Lower Upper

152 100

151 43.3 15.8 23.8#

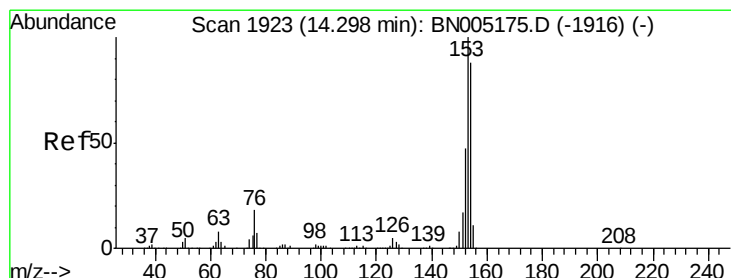
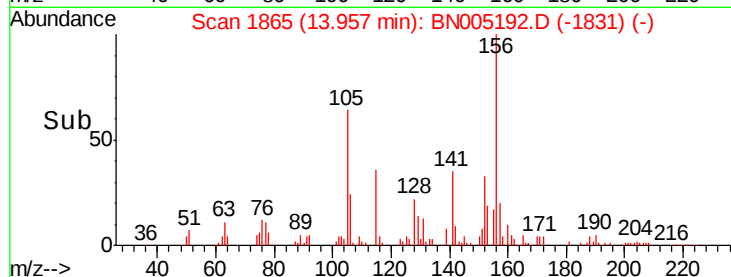
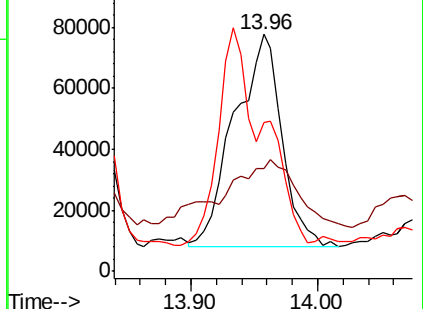
153 62.9 9.8 14.8#



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: 1.544 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN005192.D

Acq: 23 Apr 2019 01:37

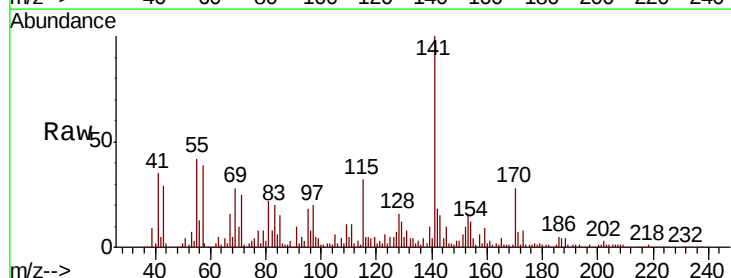
Tgt Ion:153 Resp: 113682

Ion Ratio Lower Upper

153 100

152 67.4 37.4 56.0#

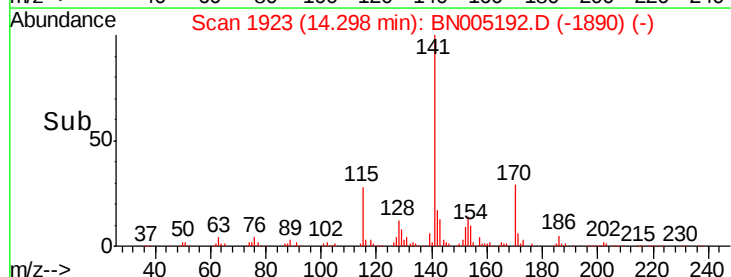
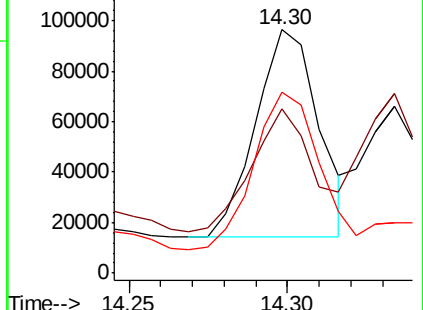
154 74.3 71.2 106.8

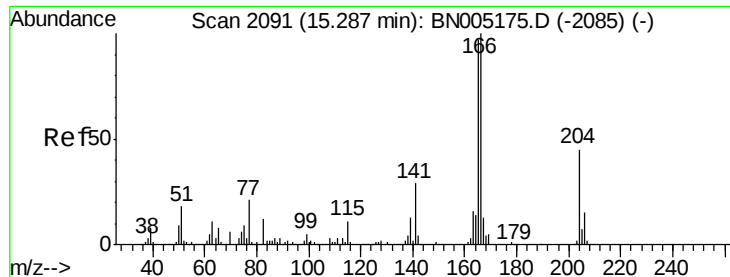


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

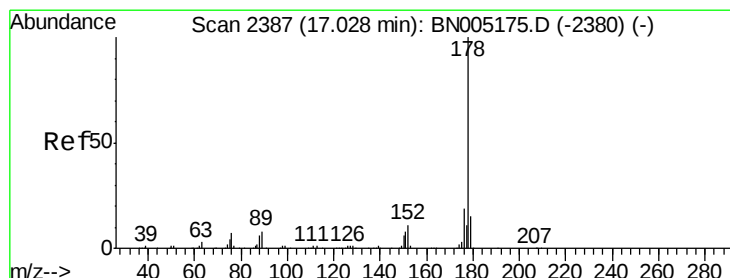
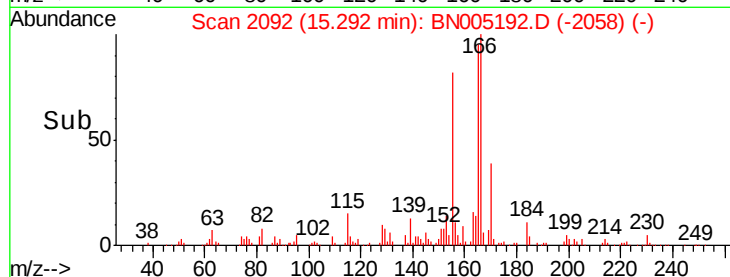
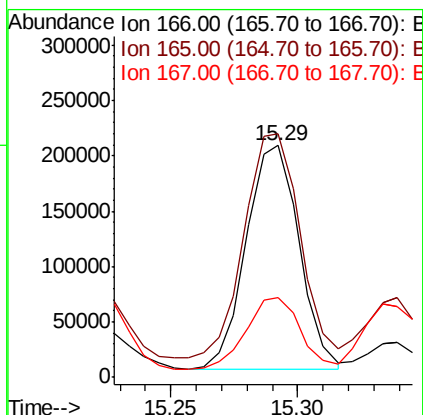
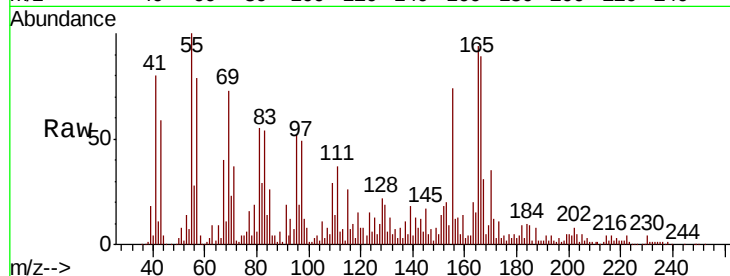




#58
 Fluorene
 Concen: 3.574 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BN005192.D
 Acq: 23 Apr 2019 01:37

Instrument :
 BNA_N
 ClientSampleId :
 GAHR8

Tot Ion:166 Resp: 295728
 Ion Ratio Lower Upper
 166 100
 165 105.0 80.0 120.0
 167 34.4 10.7 16.1#



#69
 Phenanthrene
 Concen: 4.537 ng/ul
 RT: 17.03 min Scan# 2387
 Delta R.T. 0.00 min
 Lab File: BN005192.D
 Acq: 23 Apr 2019 01:37

Tgt Ion:178 Resp: 639844
 Ion Ratio Lower Upper
 178 100
 179 20.7 12.2 18.4#
 176 19.1 15.1 22.7

