

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051119\
 Data File : BN005626.D
 Acq On : 11 May 2019 14:51
 Operator : JU/SJ
 Sample : K2603-19MEDL 30X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ71MEDL

Quant Time: May 11 23:20:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 11 23:17:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	221073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	963913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	593431	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1321069	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	969804	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	936340	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	804	0.18	ng/uL	0.00
5) Phenol-d5	6.79	99	10718	0.62	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.94	67	7394	0.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.13	132	9858	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	8771	0.65	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	5235	0.88	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	5405	0.90	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.01	165	9309	0.68	ng/ul	0.04
29) 4-Chloroaniline-d4	10.51	131	8871	0.62	ng/ul	0.02
43) Dimethylphthalate-d6	13.64	166	42756	0.99	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	50788	0.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	155	0.02	ng/ul	0.00
57) Fluorene-d10	15.22	176	39709	1.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	465	0.08	ng/ul	0.04
70) Anthracene-d10	17.07	188	57729	1.04	ng/ul	0.00
78) Pyrene-d10	19.39	212	54672	1.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	38677	0.95	ng/ul	0.00

Target Compounds

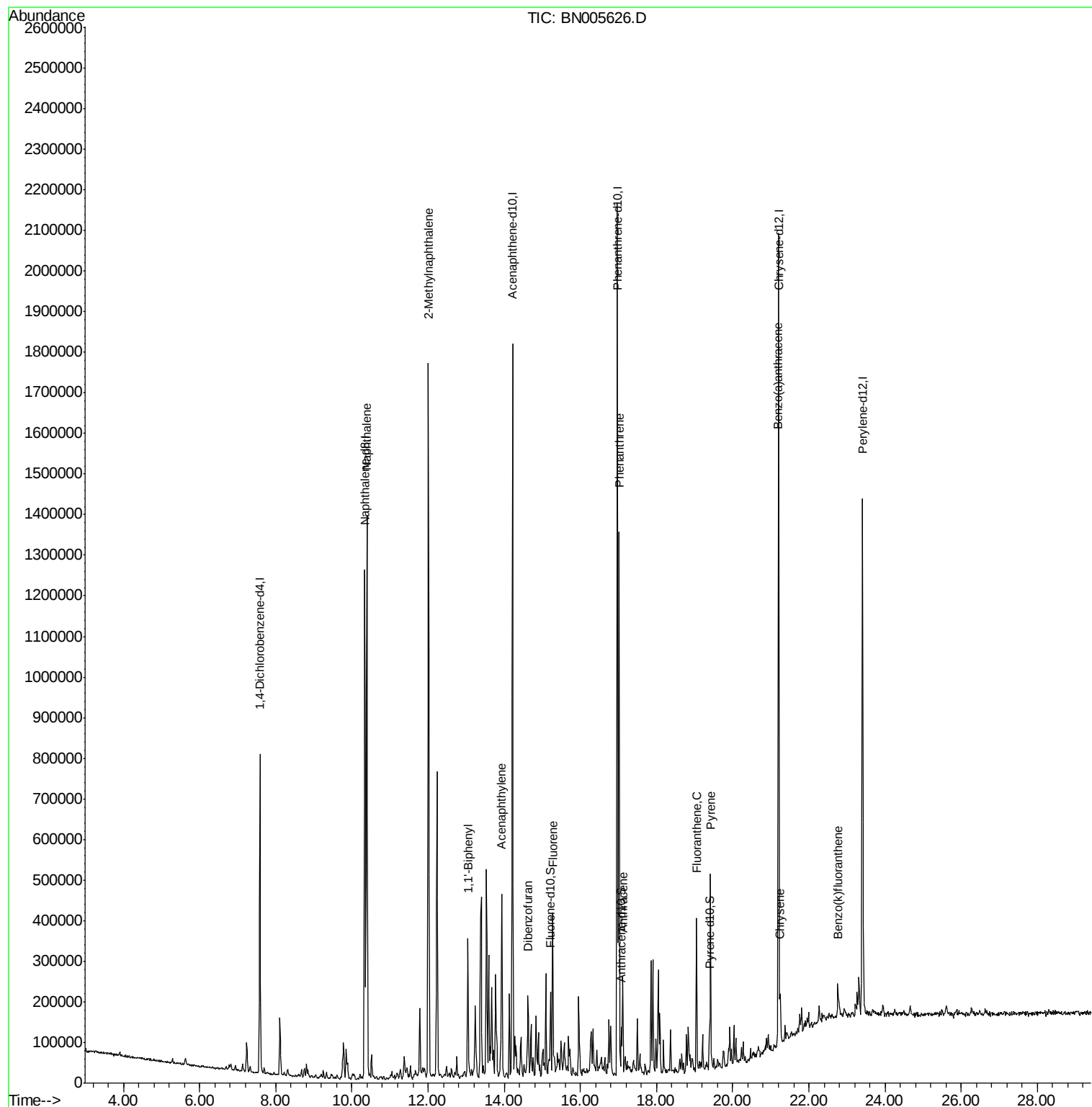
						Qvalue
28) Naphthalene	10.39	128	1141828	25.481	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	859174	26.186	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	76199	1.723	ng/ul#	94
47) Acenaphthylene	13.93	152	267088	5.137	ng/ul	98
53) Dibenzofuran	14.62	168	68743	1.345	ng/ul	95
58) Fluorene	15.27	166	187480	4.701	ng/ul	97
69) Phenanthrene	17.02	178	826042	12.839	ng/ul	100
71) Anthracene	17.11	178	156733	2.391	ng/ul	98
76) Fluoranthene	19.05	202	221395	3.102	ng/ul#	94
79) Pyrene	19.42	202	272644	4.366	ng/ul	95
82) Benzo(a)anthracene	21.19	228	85046	1.410	ng/ul	94
84) Chrysene	21.24	228	71553	1.278	ng/ul	97
88) Benzo(k)fluoranthene	22.77	252	51270	1.020	ng/ul#	96

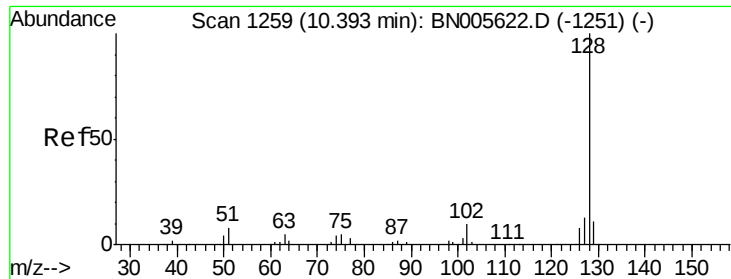
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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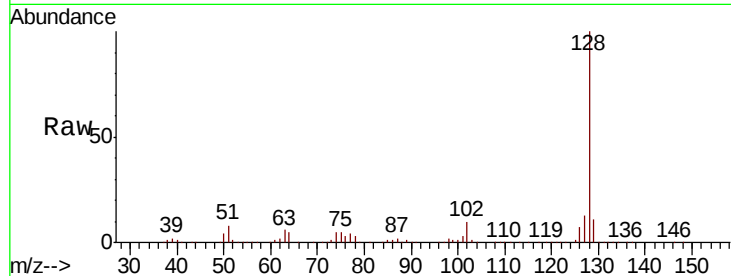




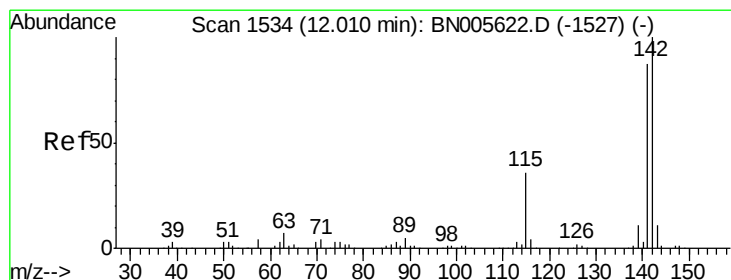
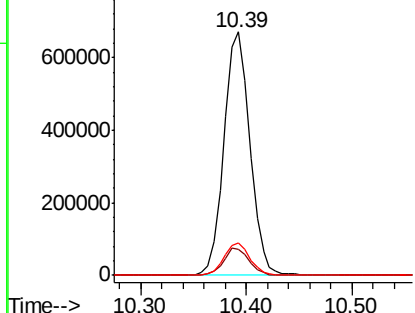
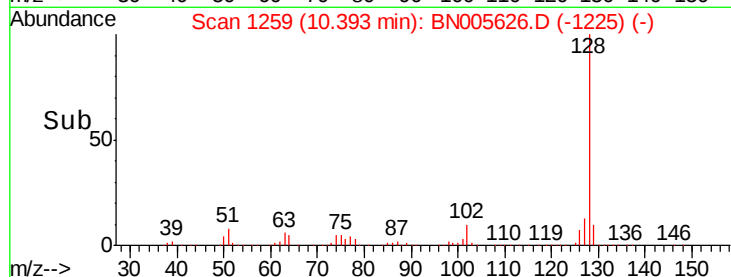
#28
Naphthalene
Concen: 25.481 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Instrument :
BNA_N
ClientSampleId :
GAJ71MEDL

Tgt Ion:128 Resp: 1141828
Ion Ratio Lower Upper
128 100
129 10.5 9.2 13.8
127 13.2 10.7 16.1

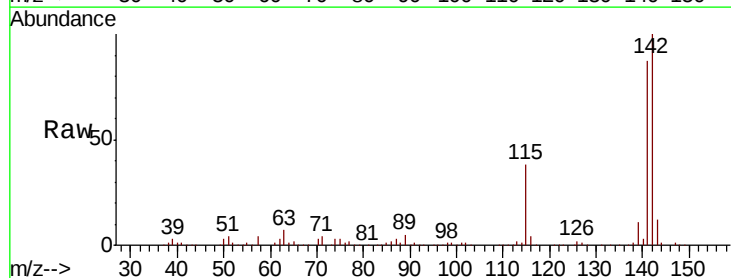


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

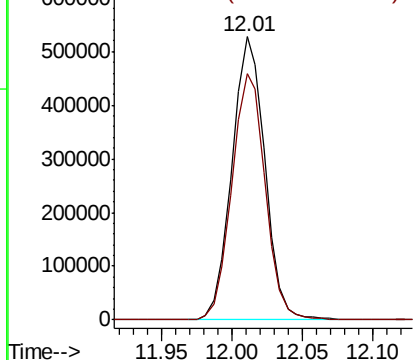
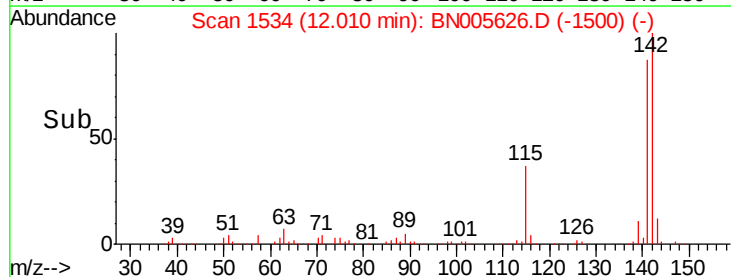


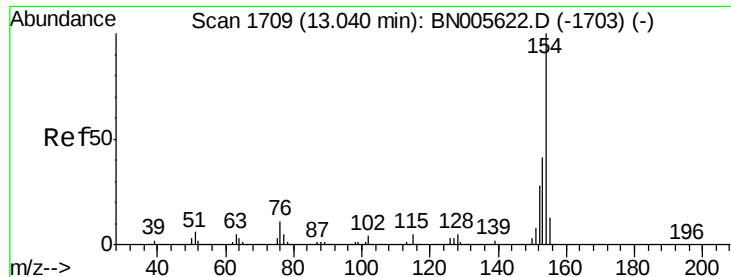
#34
2-Methylnaphthalene
Concen: 26.186 ng/ul
RT: 12.01 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BN005626.D
Acq: 11 May 2019 14:51

Tgt Ion:142 Resp: 859174
Ion Ratio Lower Upper
142 100
141 87.0 72.0 108.0



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

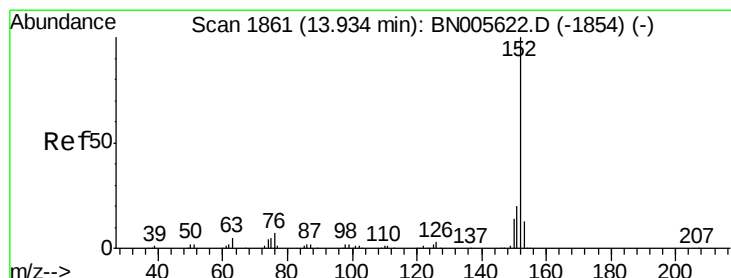
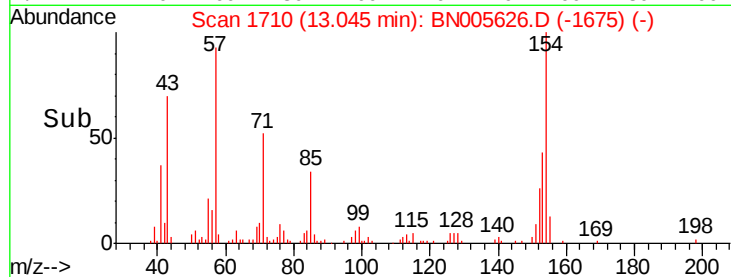
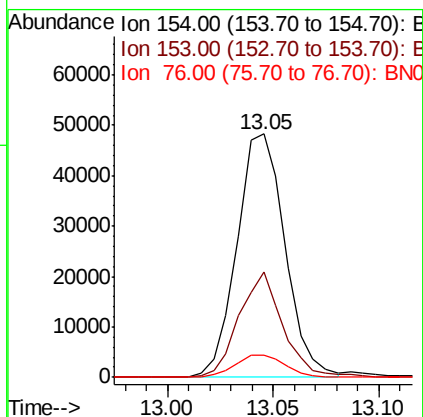
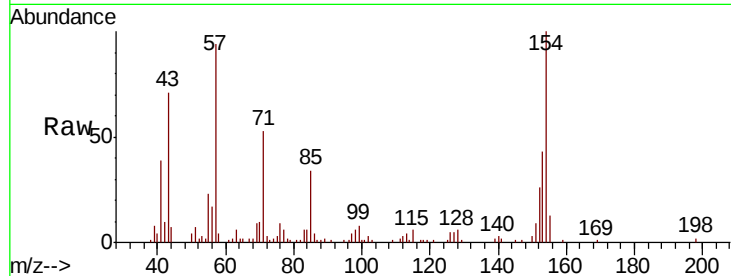




#40
 1,1'-Biphenyl
 Concen: 1.723 ng/ul
 RT: 13.05 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BN005626.D
 Acq: 11 May 2019 14:51

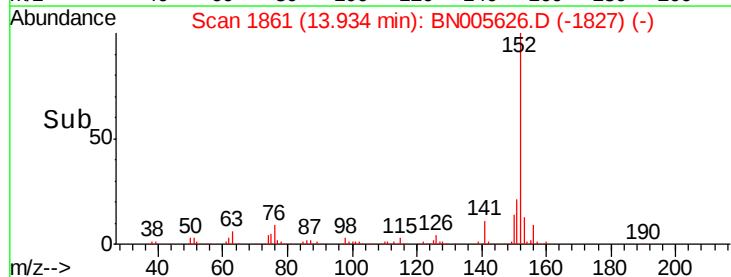
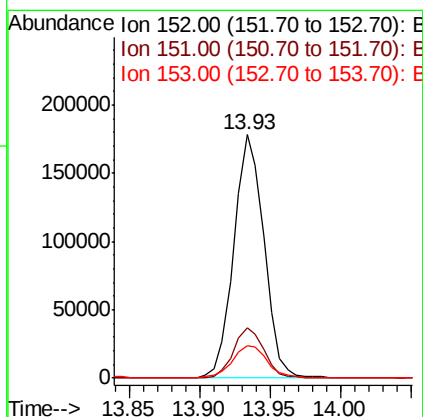
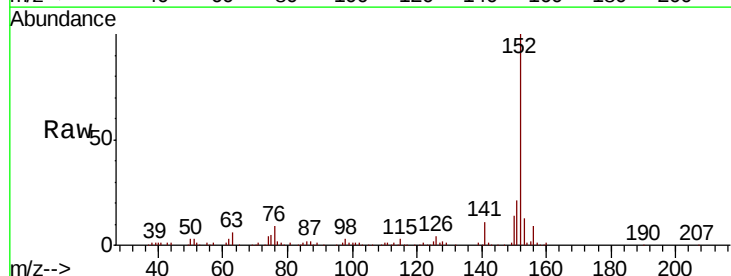
Instrument :
 BNA_N
 ClientSampleId :
 GAJ71MEDL

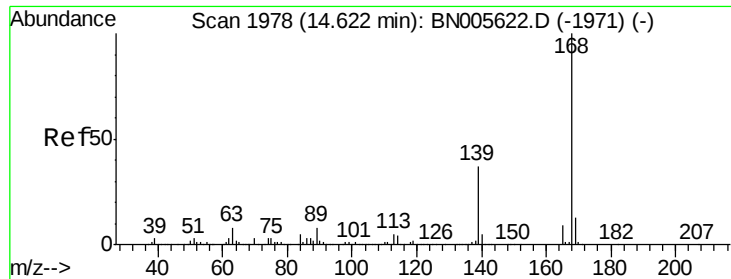
Tgt Ion:154 Resp: 76199
 Ion Ratio Lower Upper
 154 100
 153 43.5 32.6 49.0
 76 9.0 10.4 15.6#



#47
 Acenaphthylene
 Concen: 5.137 ng/ul
 RT: 13.93 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BN005626.D
 Acq: 11 May 2019 14:51

Tgt Ion:152 Resp: 267088
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.8 23.8
 153 13.4 9.8 14.8





#53

Dibenzofuran

Concen: 1.345 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

Instrument :

BNA_N

ClientSampleId :

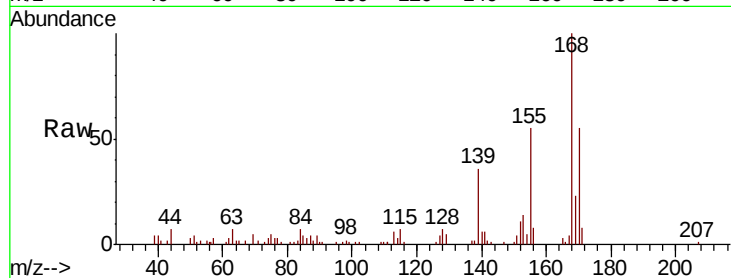
GAJ71MEDL

Tgt Ion:168 Resp: 68743

Ion Ratio Lower Upper

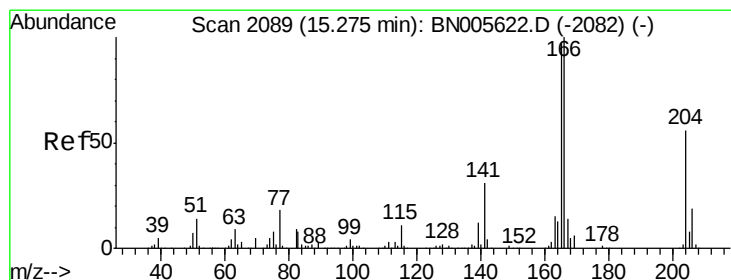
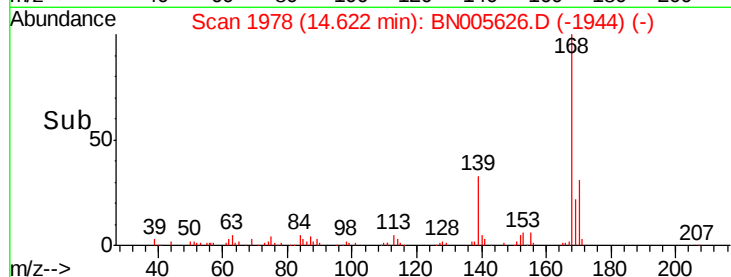
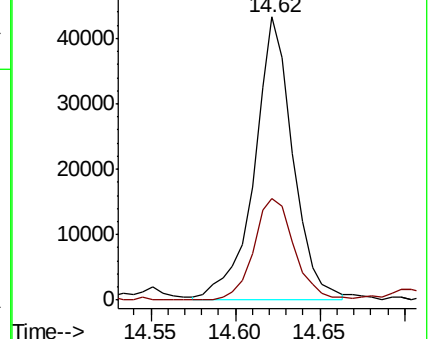
168 100

139 35.7 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: 4.701 ng/ul

RT: 15.27 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

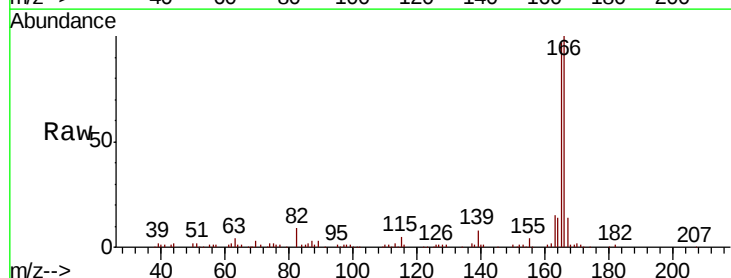
Tgt Ion:166 Resp: 187480

Ion Ratio Lower Upper

166 100

165 96.7 80.0 120.0

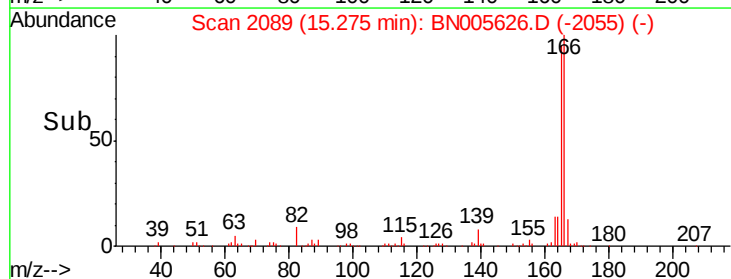
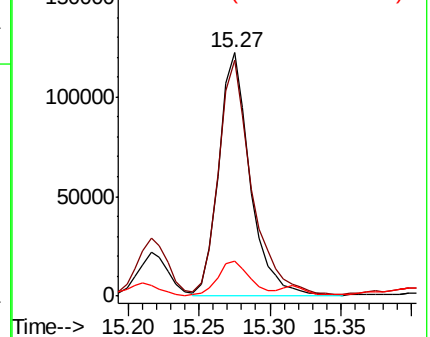
167 14.4 10.7 16.1

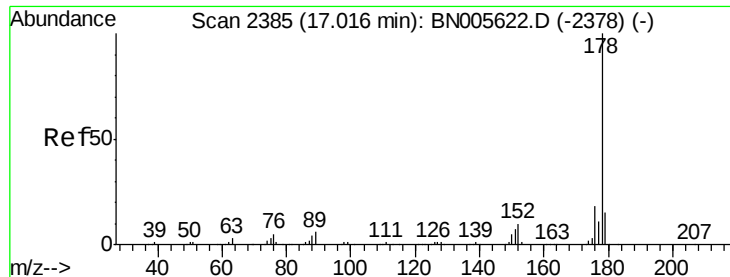


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 12.839 ng/ul

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

Instrument :

BNA_N

ClientSampleId :

GAJ71MEDL

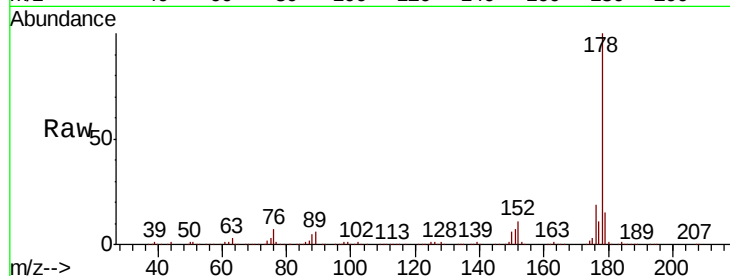
Tgt Ion:178 Resp: 826042

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

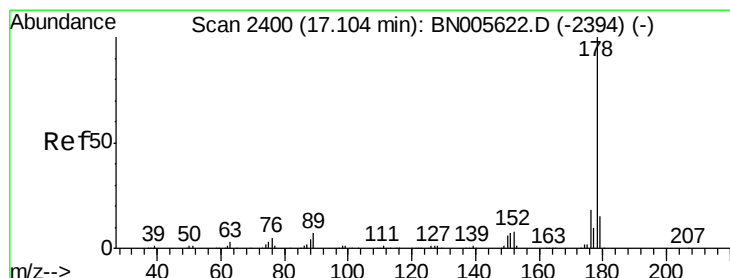
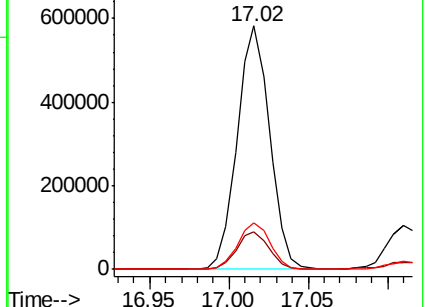
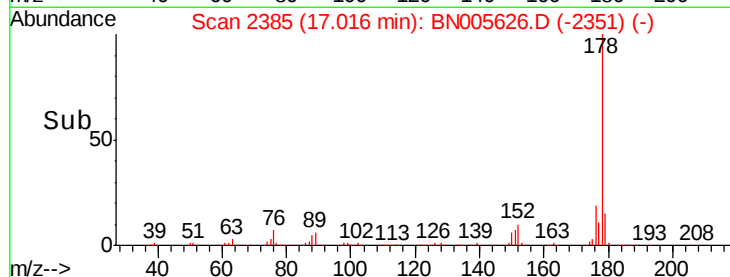
176 18.9 15.1 22.7



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: 2.391 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. 0.01 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

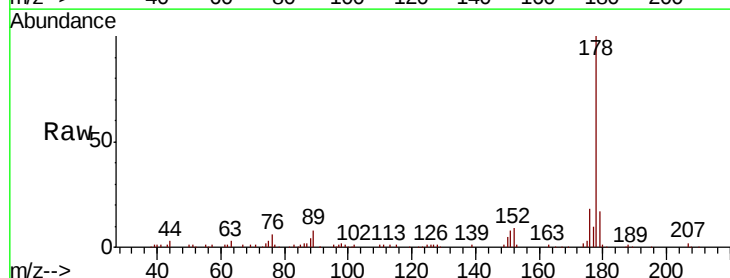
Tgt Ion:178 Resp: 156733

Ion Ratio Lower Upper

178 100

179 16.7 12.3 18.5

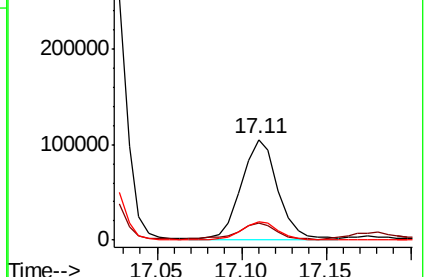
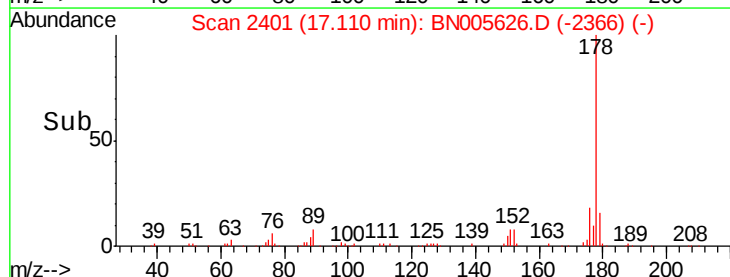
176 18.1 15.1 22.7

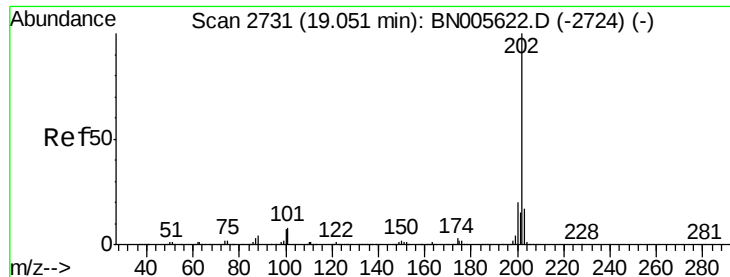


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.102 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.00 min

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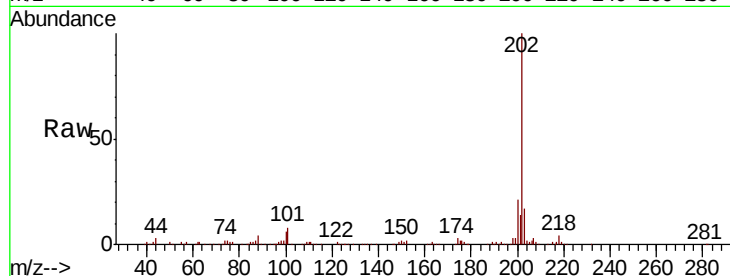
Tgt Ion:202 Resp: 221395

Ion Ratio Lower Upper

202 100

101 8.4 8.6 12.8#

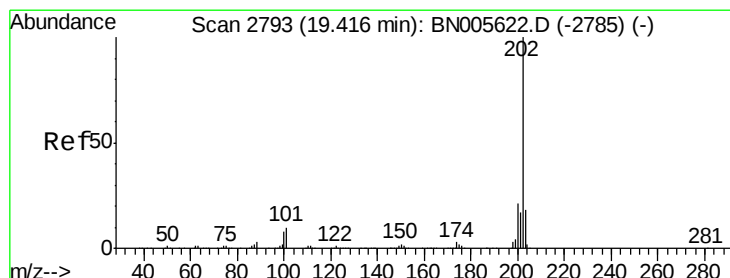
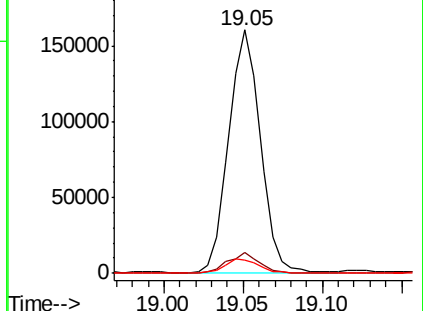
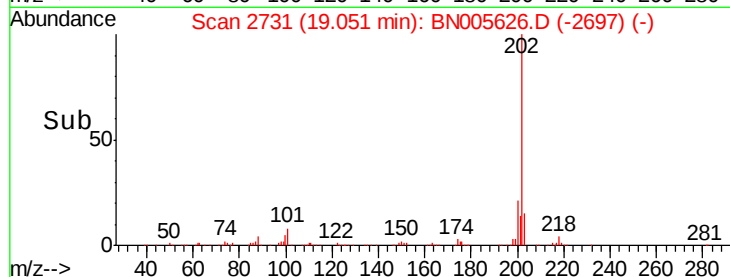
100 5.5 6.3 9.5#



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: 4.366 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

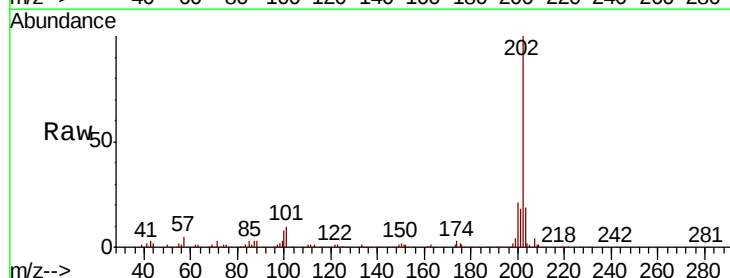
Tgt Ion:202 Resp: 272644

Ion Ratio Lower Upper

202 100

101 10.4 10.3 15.5

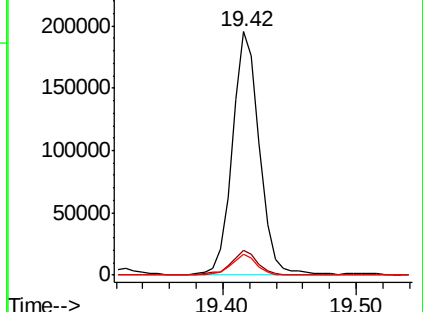
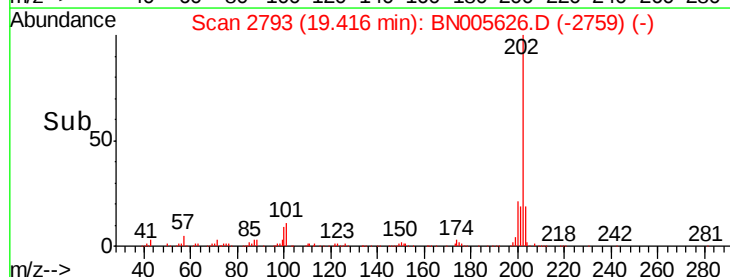
100 8.5 7.9 11.9

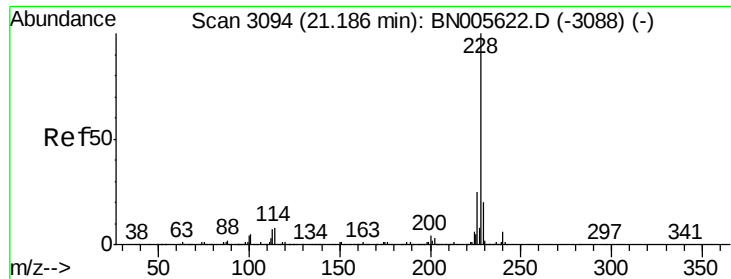


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.410 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BN005626.D

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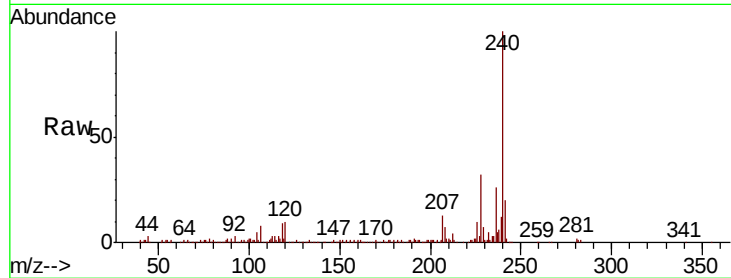
Tgt Ion:228 Resp: 85046

Ion Ratio Lower Upper

228 100

229 21.2 15.8 23.6

226 31.1 21.4 32.2

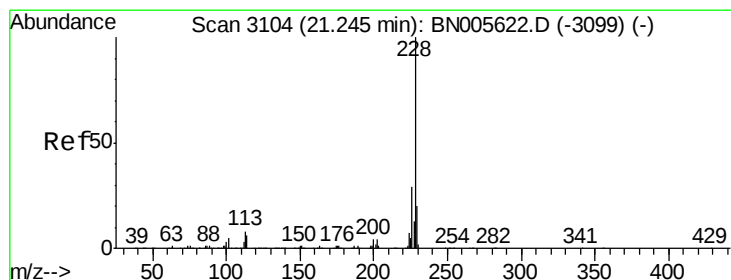
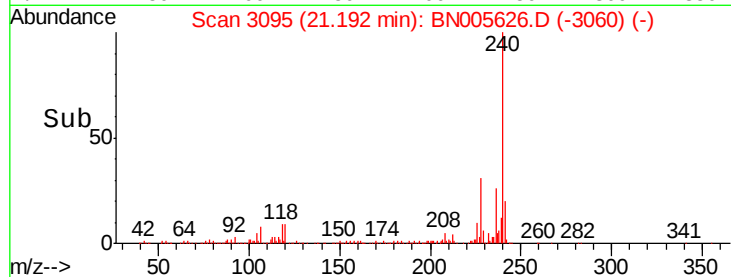
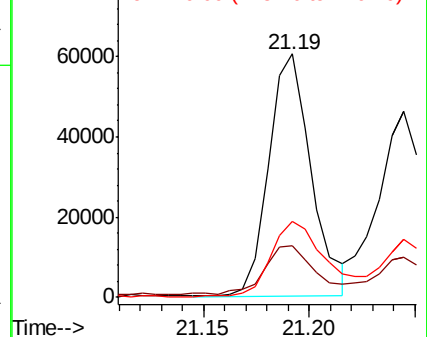


Abundance

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: 1.278 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

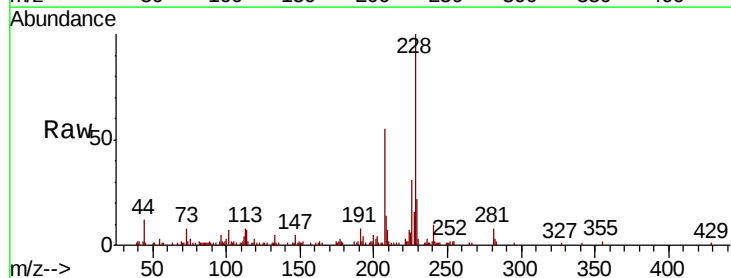
Tgt Ion:228 Resp: 71553

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

229 21.6 15.4 23.0

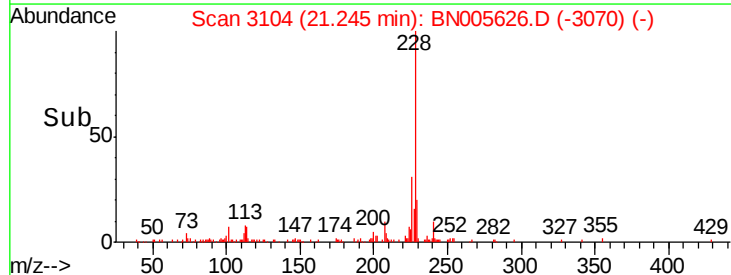
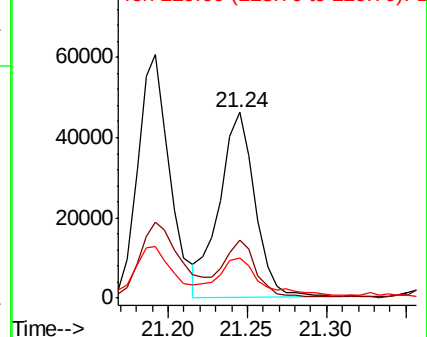


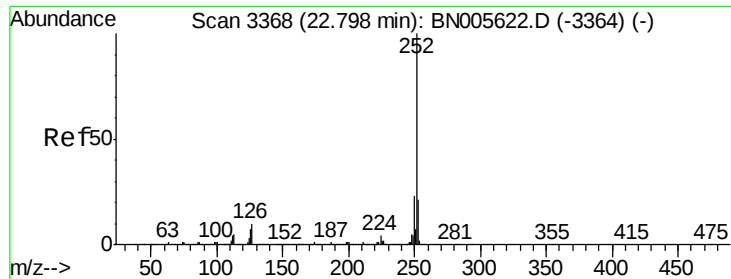
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 1.020 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BN005626.D

Acq: 11 May 2019 14:51

Instrument :

BNA_N

ClientSampleId :

GAJ71MEDL

Tgt Ion:252 Resp: 51270

Ion Ratio Lower Upper

252 100

253 20.3 17.4 26.0

125 11.3 7.5 11.3#

