

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042618\
 Data File : BM014855.D
 Acq On : 26 Apr 2018 12:09
 Operator : SJ/JU
 Sample : J2431-15ME 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 27 01:07:56 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 01:05:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	273246	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1167166	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	649722	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1453284	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1575603	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1651950	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	8044	1.29	ng/uL	0.00
5) Phenol-d5	7.62	99	135030	6.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	93895	6.93	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	110015	6.23	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	106747	6.34	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	47705	5.65	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	44688	5.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	92197	5.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	146474	8.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	308714	6.09	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	360420	5.75	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	38013	4.04	ng/ul	0.00
57) Fluorene-d10	16.08	176	271677	6.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	24552	3.12	ng/ul	0.00
70) Anthracene-d10	17.92	188	408126	6.03	ng/ul	0.00
76) Pyrene-d10	20.16	212	458053	6.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	470871	5.80	ng/ul	0.00

Target Compounds

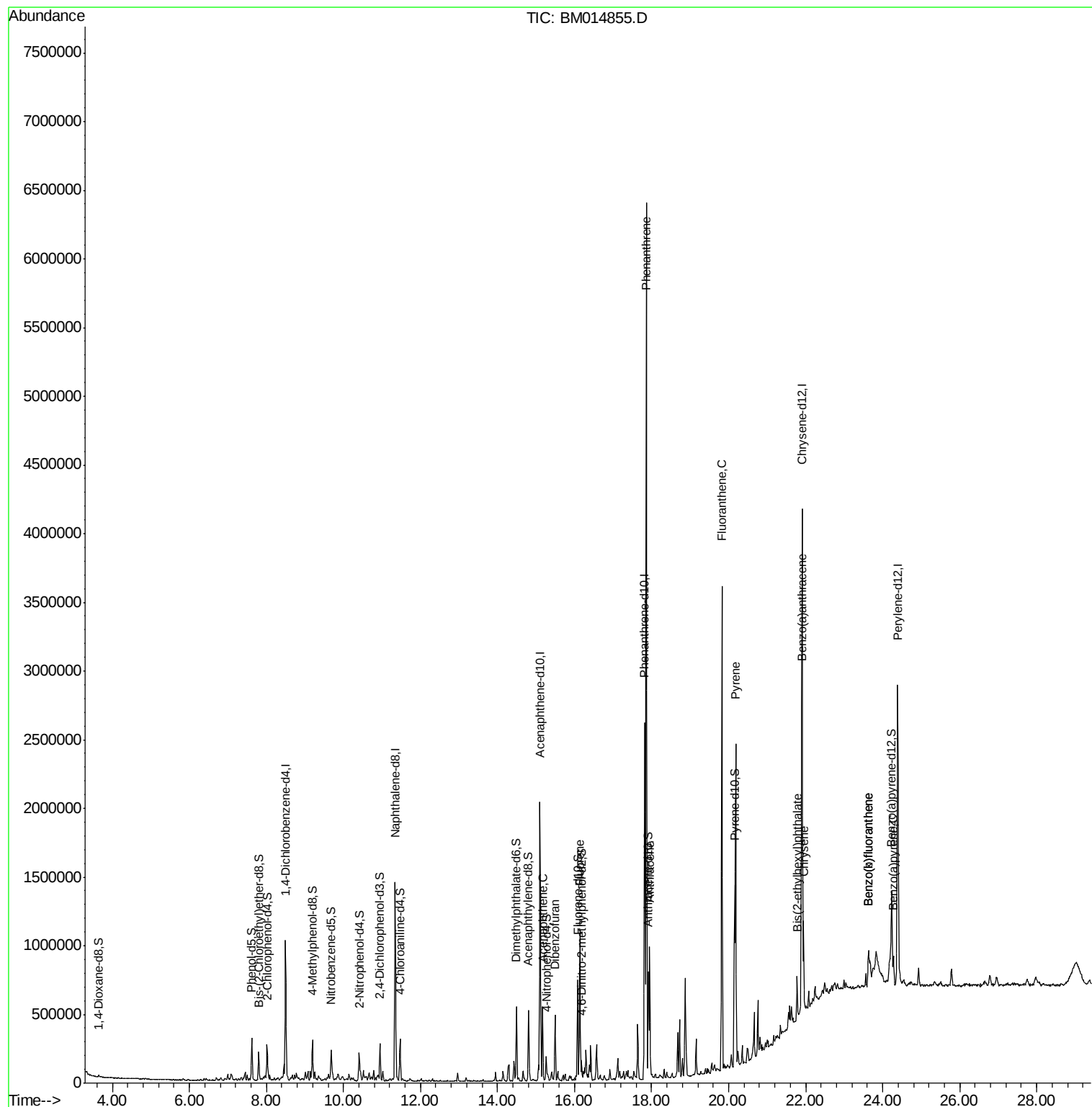
					Ovalue
49) Acenaphthene	15.17	153	196962	4.568	ng/ul 97
53) Dibenzofuran	15.50	168	278393	4.649	ng/ul 99
58) Fluorene	16.14	166	467891	9.677	ng/ul 99
69) Phenanthrene	17.86	178	3633496	46.555	ng/ul 98
71) Anthracene	17.95	178	544137	6.870	ng/ul 99
74) Fluoranthene	19.83	202	1958853	23.020	ng/ul# 81
77) Pyrene	20.19	202	1358154	14.753	ng/ul# 79
80) Benzo(a)anthracene	21.89	228	416648	4.522	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.77	149	90237	1.637	ng/ul# 92
82) Chrysene	21.94	228	332964	3.860	ng/ul 97
85) Benzo(b)fluoranthene	23.63	252	257254	2.642	ng/ul# 94
86) Benzo(k)fluoranthene	23.63	252	257254	2.747	ng/ul# 92
88) Benzo(a)pyrene	24.28	252	159938	1.731	ng/ul# 95

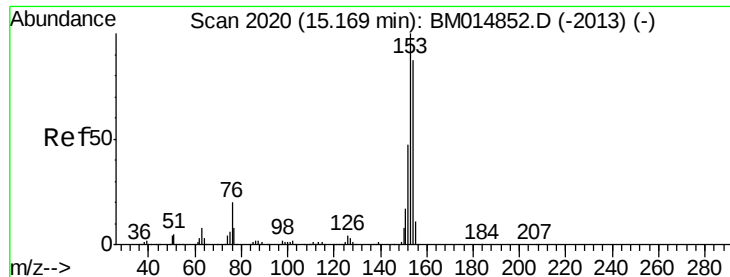
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 27 01:05:24 2018
Response via : Initial Calibration





#49

Acenaphthene

Concen: 4.568 ng/ul

RT: 15.17 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

Instrument :

BNA_M

ClientSampleId :

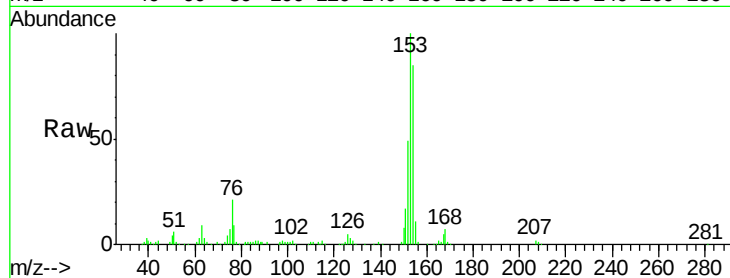
Tot Ion:153 Resp: 196962

Ion Ratio Lower Upper

153 100

152 48.9 37.6 56.4

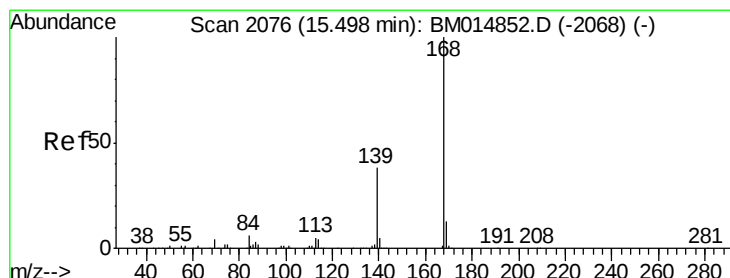
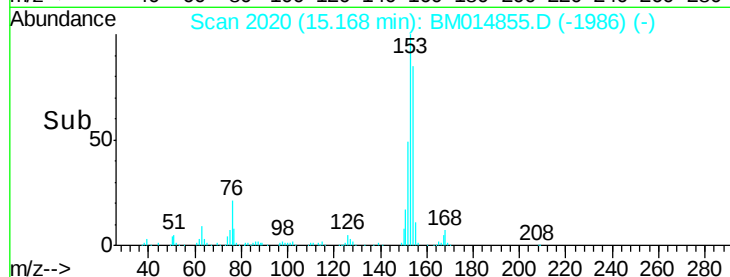
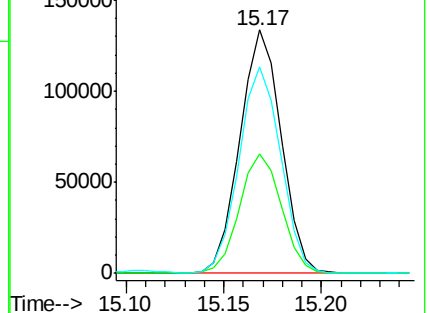
154 84.7 70.4 105.6



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: 4.649 ng/ul

RT: 15.50 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM014855.D

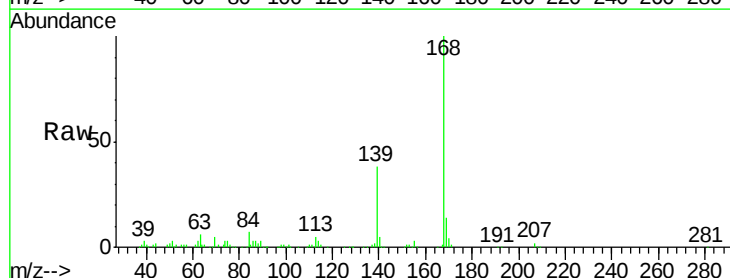
Acq: 26 Apr 2018 12:09

Tgt Ion:168 Resp: 278393

Ion Ratio Lower Upper

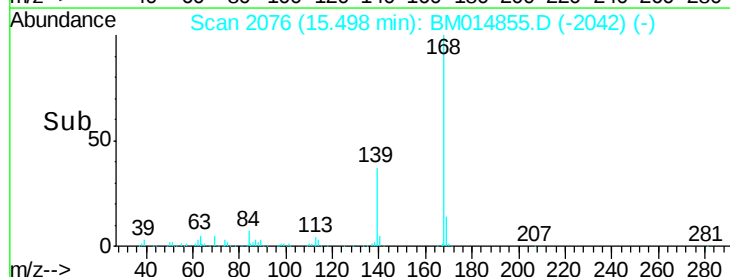
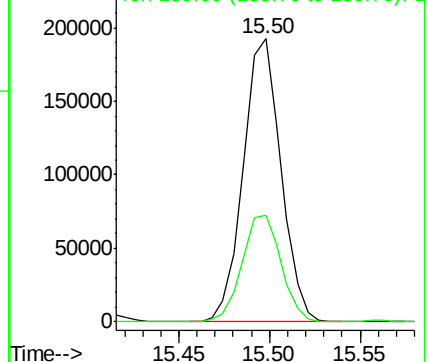
168 100

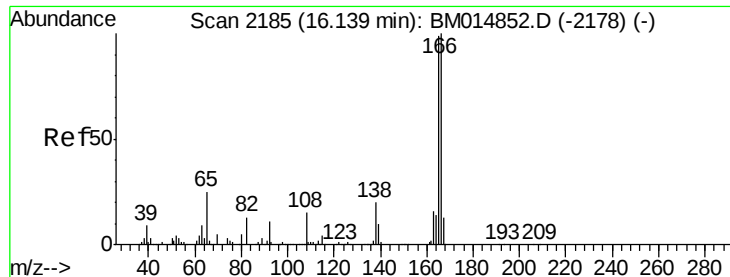
139 37.6 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 9.677 ng/ul

RT: 16.14 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

Instrument :

BNA_M

ClientSampleId :

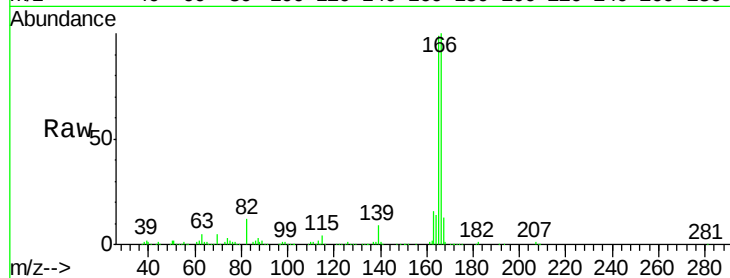
Tot Ion:166 Resp: 467891

Ion Ratio Lower Upper

166 100

165 98.8 77.9 116.9

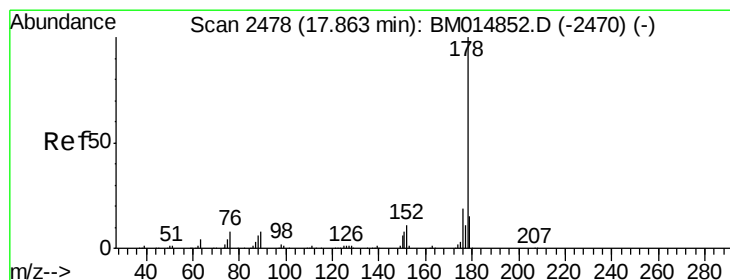
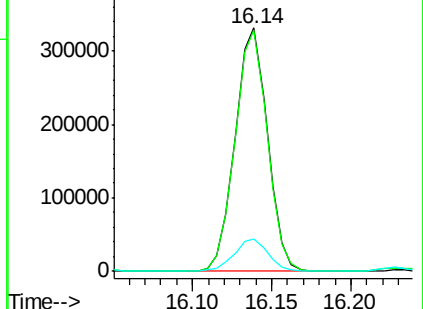
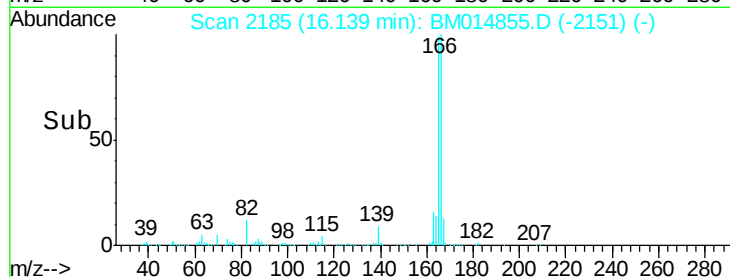
167 13.5 10.6 16.0



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: 46.555 ng/ul

RT: 17.86 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

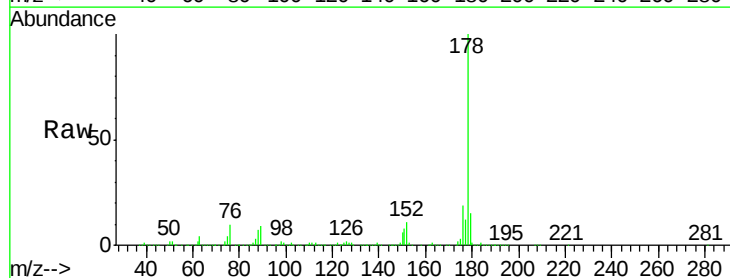
Tgt Ion:178 Resp: 3633496

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

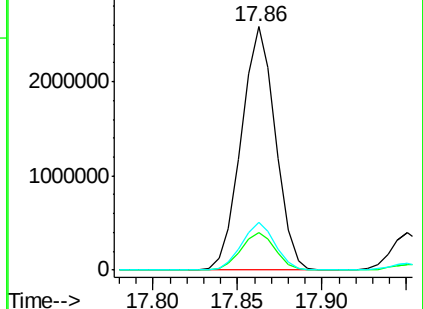
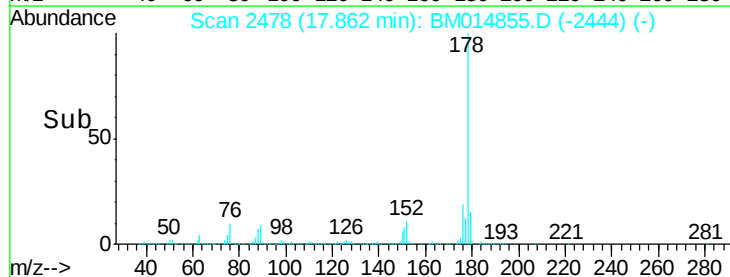
176 19.4 14.9 22.3

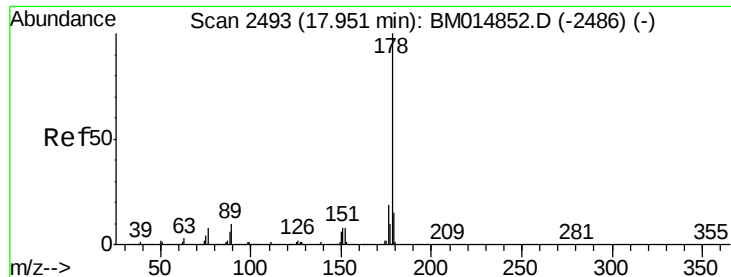


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

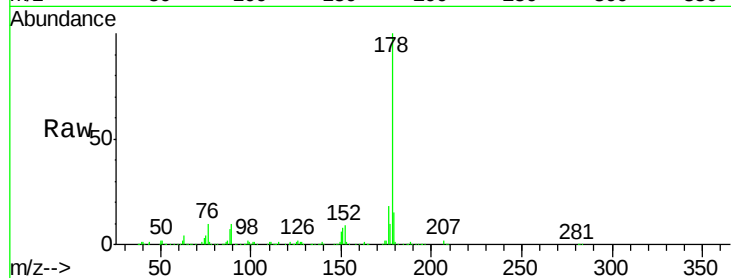




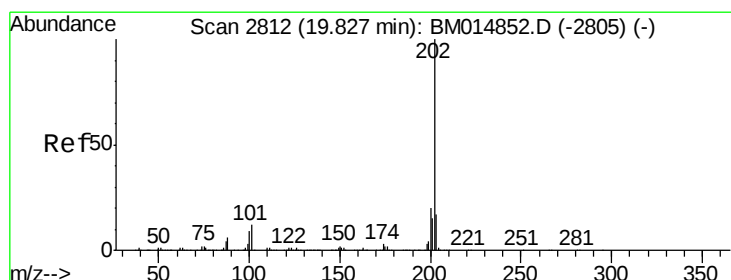
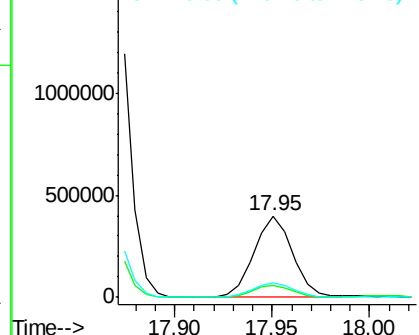
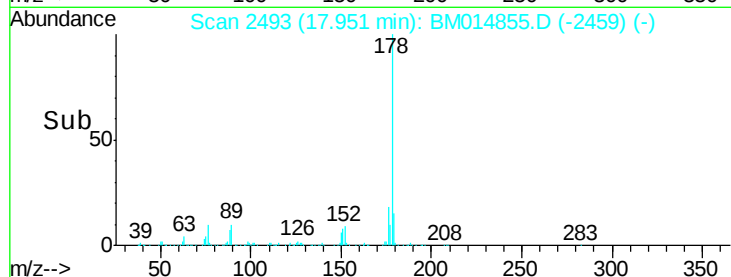
#71
 Anthracene
 Concen: 6.870 ng/ul
 RT: 17.95 min Scan# 2493
 Delta R.T. -0.00 min
 Lab File: BM014855.D
 Acq: 26 Apr 2018 12:09

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 544137
 Ion Ratio Lower Upper
 178 100
 179 15.2 11.7 17.5
 176 18.1 14.6 21.8

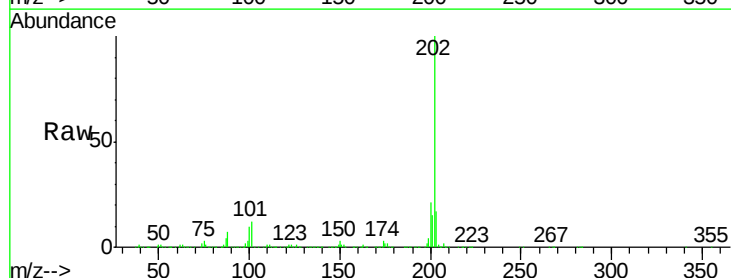


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

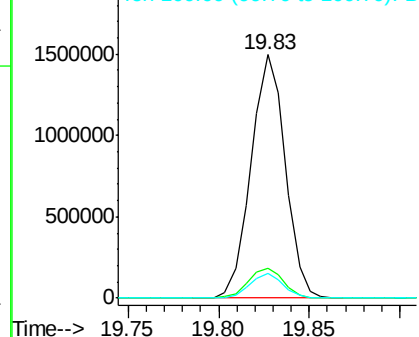
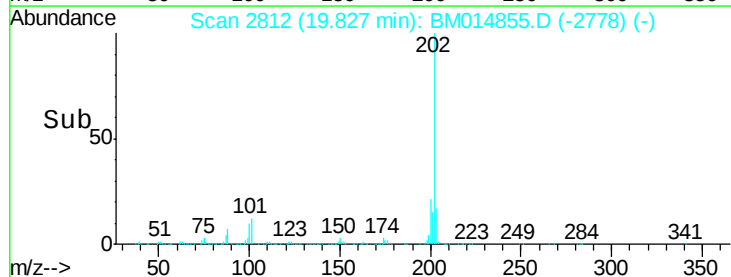


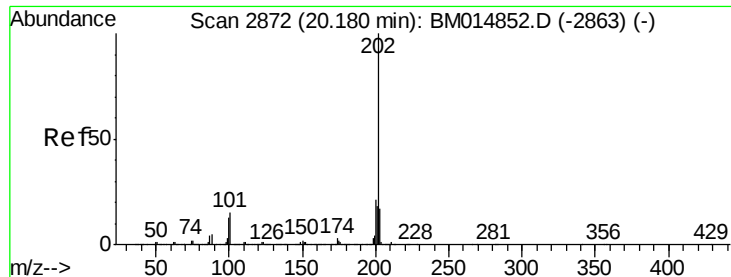
#74
 Fluoranthene
 Concen: 23.020 ng/ul
 RT: 19.83 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BM014855.D
 Acq: 26 Apr 2018 12:09

Tgt Ion:202 Resp: 1958853
 Ion Ratio Lower Upper
 202 100
 101 12.3 4.6 7.0#
 100 10.2 3.4 5.2#



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





#77

Pvrene

Concen: 14.753 ng/ul

RT: 20.19 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

Instrument :

BNA_M

ClientSampleId :

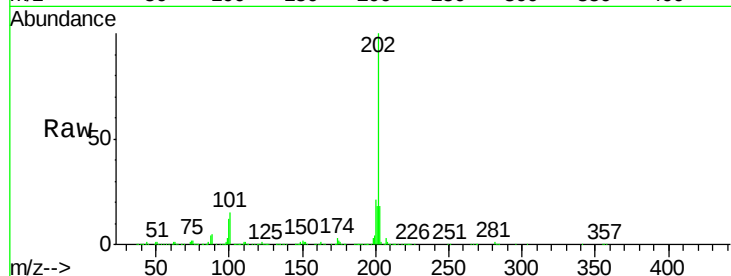
Tot Ion:202 Resp: 1358154

Ion Ratio Lower Upper

202 100

101 14.7 5.1 7.7#

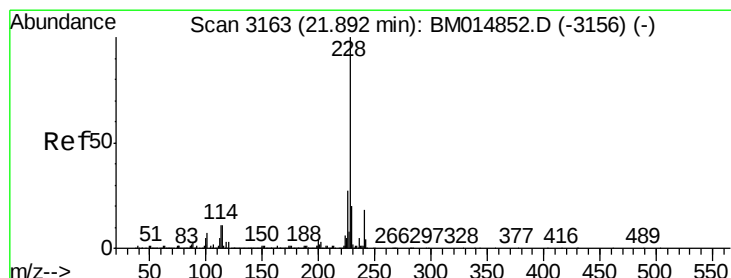
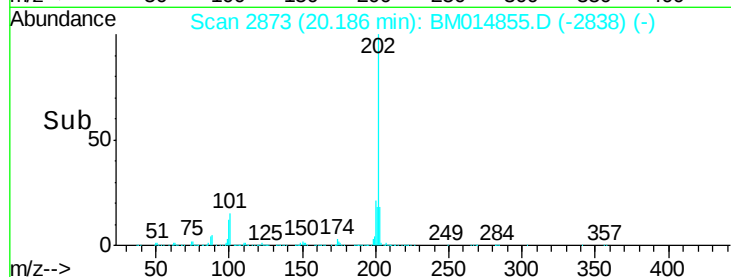
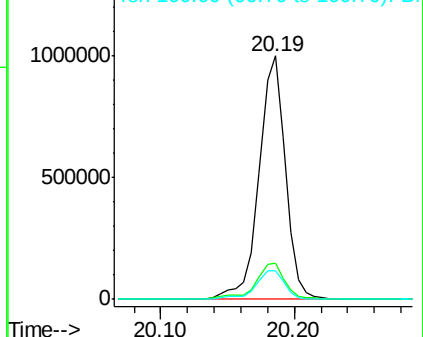
100 11.7 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 4.522 ng/ul

RT: 21.89 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

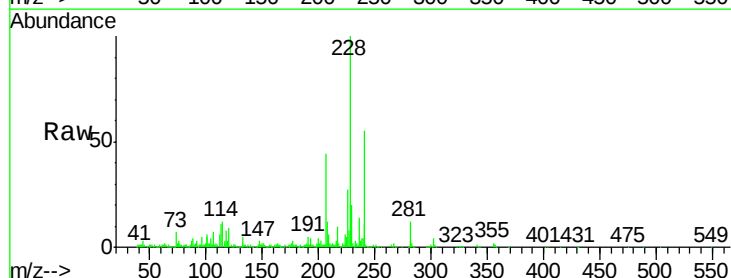
Tgt Ion:228 Resp: 416648

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

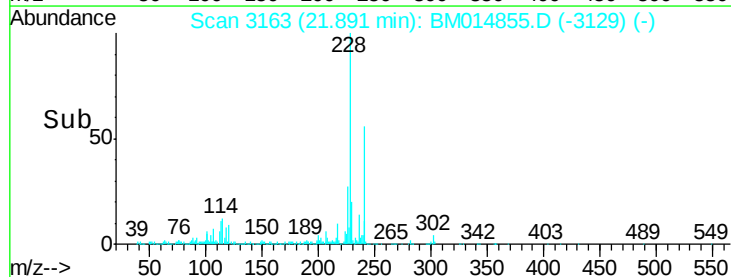
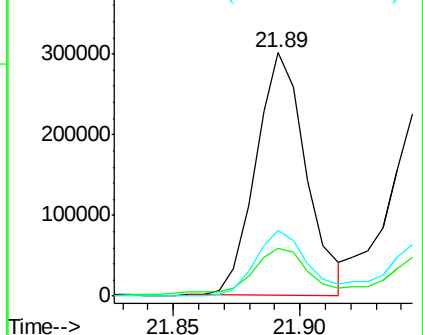
226 26.8 21.4 32.0

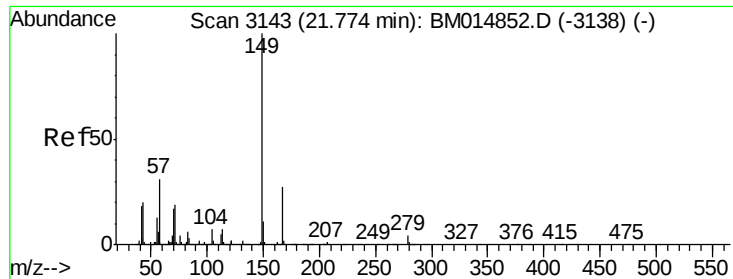


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

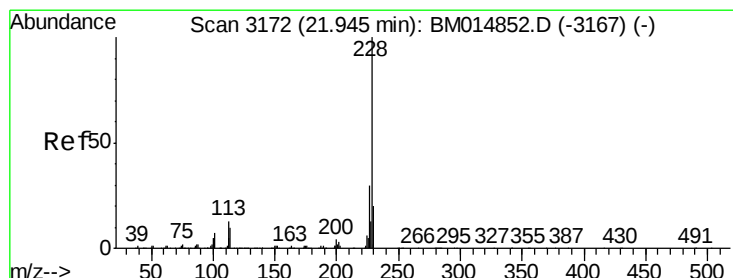
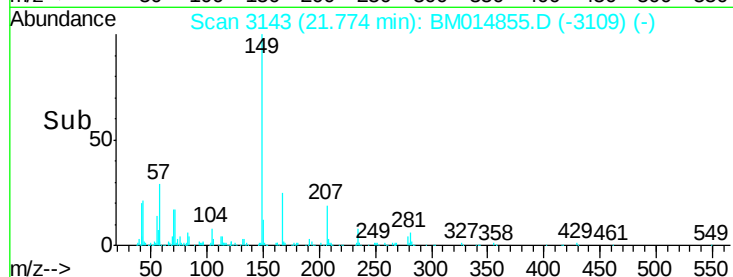
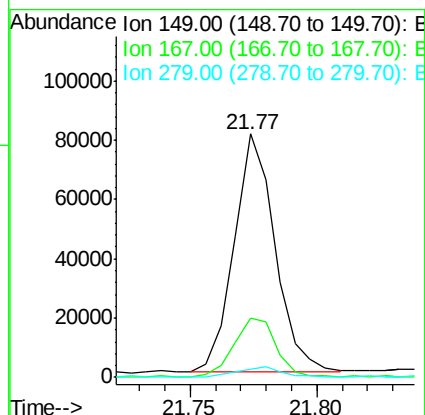
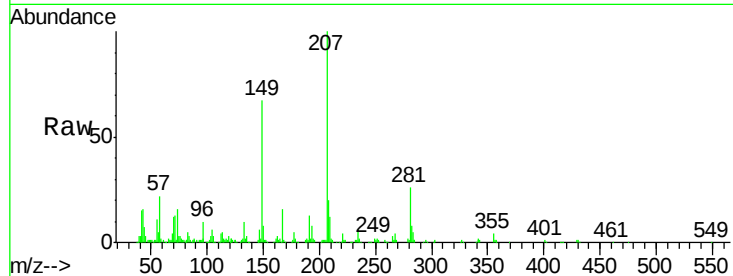




#81
Bis(2-ethylhexyl)phthalate
Concen: 1.637 ng/ul
RT: 21.77 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BM014855.D
Acq: 26 Apr 2018 12:09

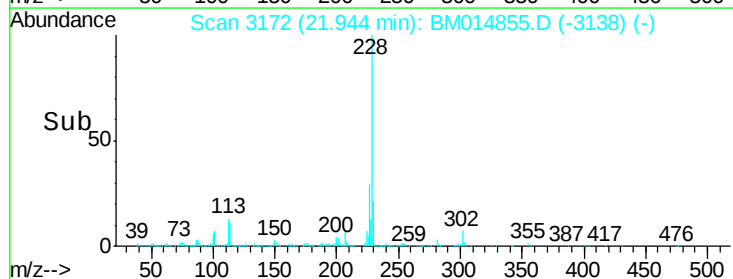
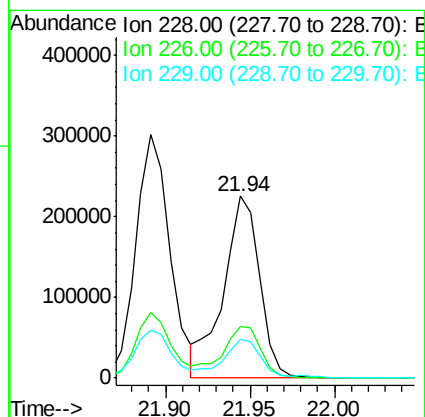
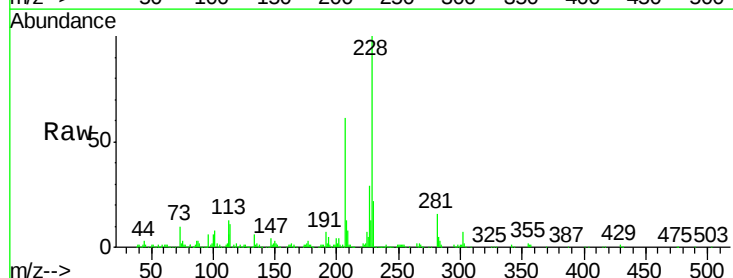
Instrument :
BNA_M
ClientSampleId :

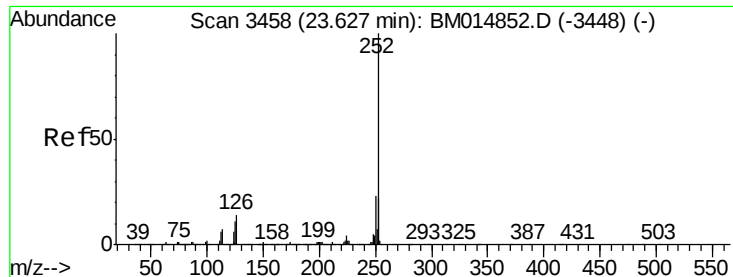
Tot Ion:149 Resp: 90237
Ion Ratio Lower Upper
149 100
167 24.5 22.8 34.2
279 3.6 4.9 7.3#



#82
Chrysene
Concen: 3.860 ng/ul
RT: 21.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BM014855.D
Acq: 26 Apr 2018 12:09

Tgt Ion:228 Resp: 332964
Ion Ratio Lower Upper
228 100
226 28.5 23.4 35.2
229 21.6 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 2.642 ng/u1

RT: 23.63 min Scan# 3459

Delta R.T. 0.01 min

Lab File: BM014855.D

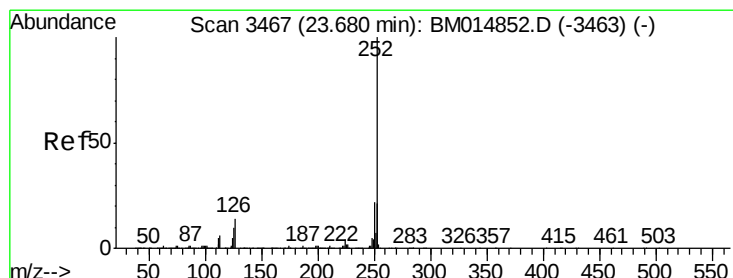
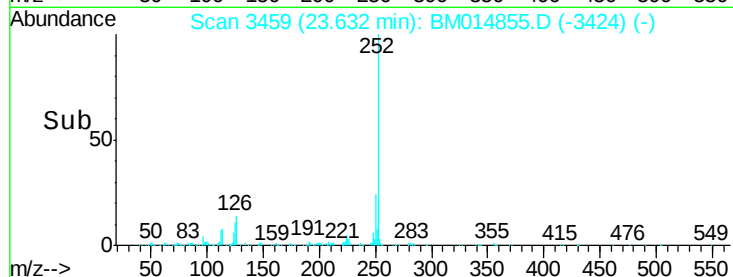
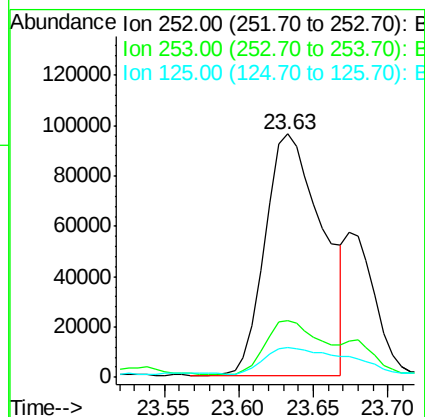
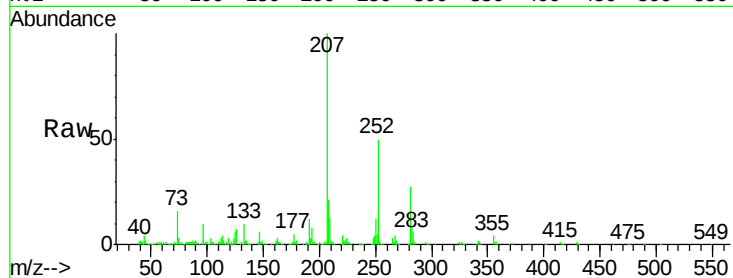
Acq: 26 Apr 2018 12:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	257254
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.4	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 2.747 ng/u1

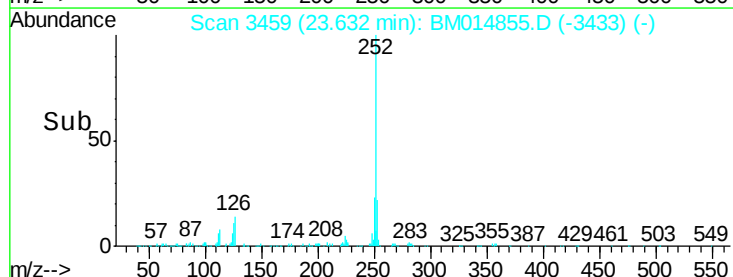
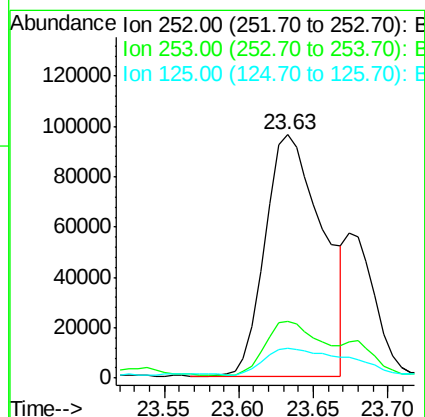
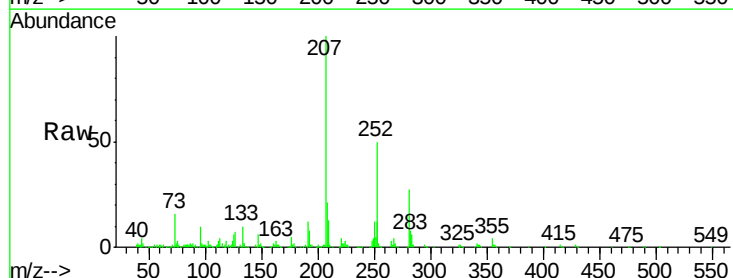
RT: 23.63 min Scan# 3459

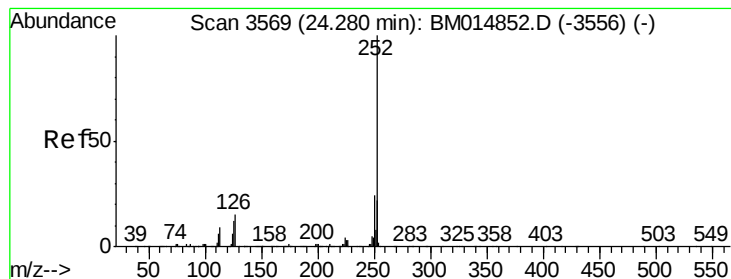
Delta R.T. -0.05 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

Tgt Ion:	252	Resp:	257254
Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	12.4	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 1.731 ng/ul

RT: 24.28 min Scan# 3569

Delta R.T. -0.00 min

Lab File: BM014855.D

Acq: 26 Apr 2018 12:09

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 252 Resp: 159938

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 14.3 4.0 6.0#

