

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014844.D
 Acq On : 25 Apr 2018 21:23
 Operator : SJ/JU
 Sample : J2431-13DL2 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 26 02:03:25 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	309672	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1306845	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	703823	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1515312	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1620215	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1726639	20.00	ng/ul	0.00

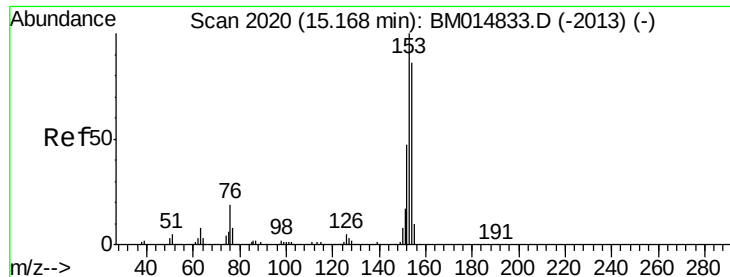
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	4277	0.60	ng/uL	0.00
5) Phenol-d5	7.62	99	44630	1.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	34132	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	38536	1.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	33873	1.77	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	16148	1.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	14753	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	31415	1.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	43635	2.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	102639	1.87	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	110144	1.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	10264	1.01	ng/ul	0.00
57) Fluorene-d10	16.08	176	92023	1.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	4644	0.57	ng/ul	0.00
70) Anthracene-d10	17.92	188	132933	1.88	ng/ul	0.00
76) Pyrene-d10	20.16	212	154141	2.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	172787	2.04	ng/ul	-0.01

Target Compounds

					Ovalue	
49) Acenaphthene	15.17	153	115652	2.476	ng/ul	97
53) Dibenzofuran	15.50	168	183306	2.826	ng/ul	99
58) Fluorene	16.14	166	331734	6.334	ng/ul	98
69) Phenanthrene	17.86	178	4145175	50.937	ng/ul	99
71) Anthracene	17.95	178	789971	9.565	ng/ul	99
74) Fluoranthene	19.83	202	4143671	46.703	ng/ul#	81
77) Pyrene	20.19	202	2794277	29.517	ng/ul#	79
80) Benzo(a)anthracene	21.89	228	933760	9.855	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	369038	6.510	ng/ul#	95
82) Chrysene	21.95	228	715434	8.066	ng/ul	98
85) Benzo(b)fluoranthene	23.63	252	595415	5.850	ng/ul#	94
86) Benzo(k)fluoranthene	23.63	252	595415	6.083	ng/ul#	92
88) Benzo(a)pyrene	24.28	252	352786	3.654	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.95	276	134987	1.156	ng/ul#	89

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



#49

Acenaphthene

Concen: 2.476 ng/ul

RT: 15.17 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

Instrument :

BNA_M

ClientSampleId :

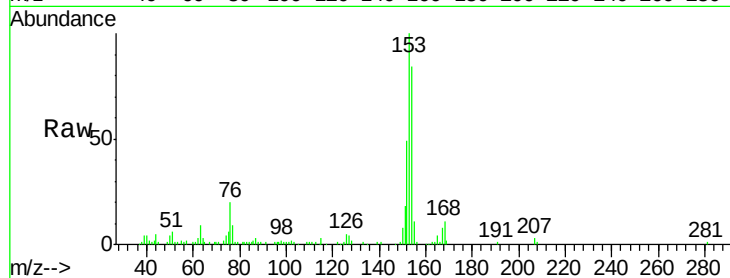
Tot Ion:153 Resp: 115652

Ion Ratio Lower Upper

153 100

152 48.7 37.6 56.4

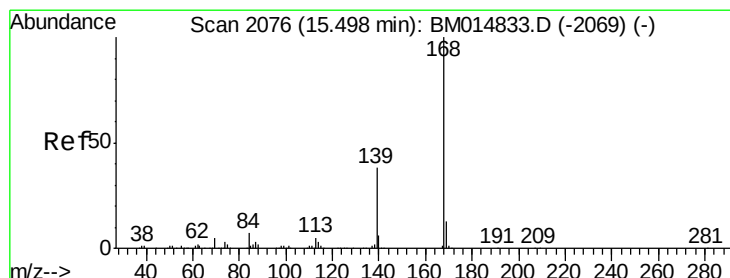
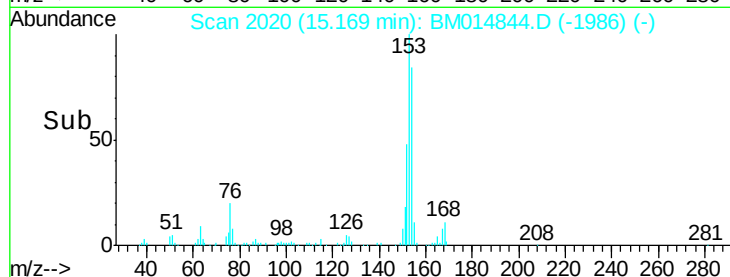
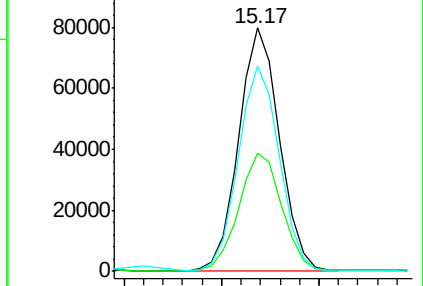
154 84.5 70.4 105.6



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: 2.826 ng/ul

RT: 15.50 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BM014844.D

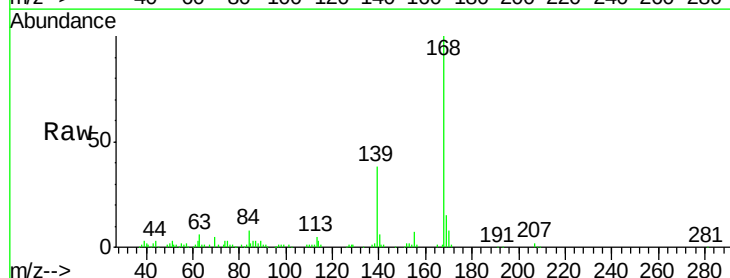
Acq: 25 Apr 2018 21:23

Tgt Ion:168 Resp: 183306

Ion Ratio Lower Upper

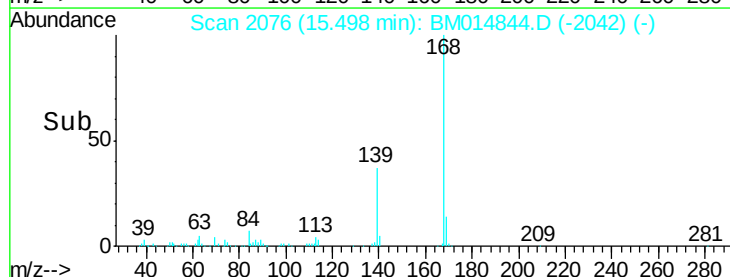
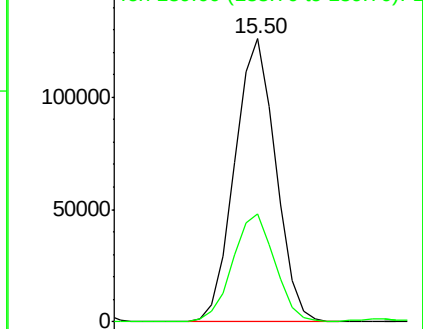
168 100

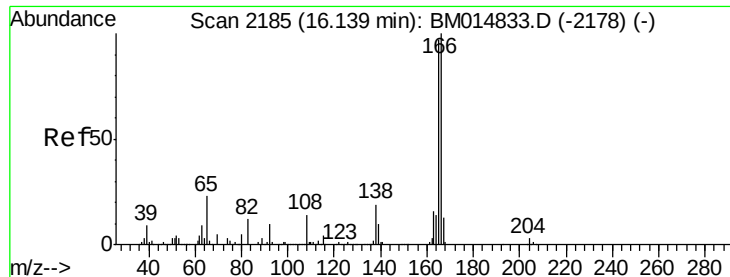
139 38.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 6.334 ng/ul

RT: 16.14 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

Instrument :

BNA_M

ClientSampleId :

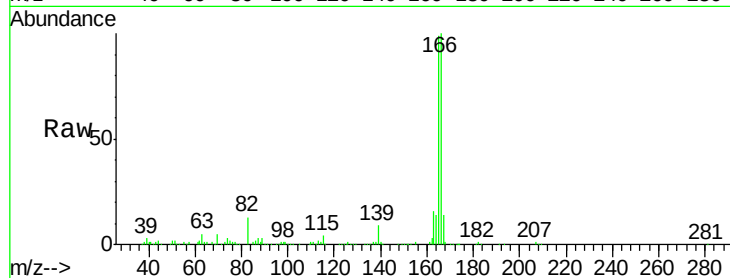
Tot Ion:166 Resp: 331734

Ion Ratio Lower Upper

166 100

165 99.1 77.9 116.9

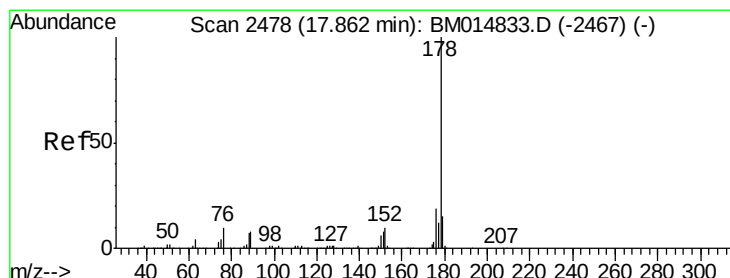
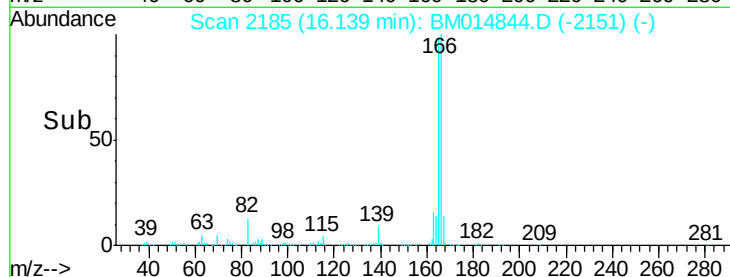
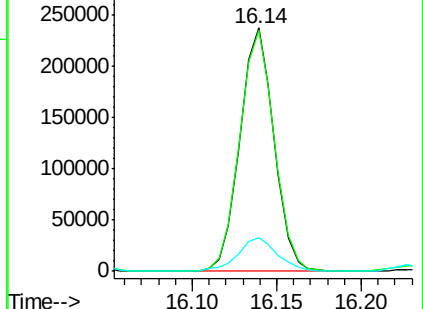
167 13.9 10.6 16.0



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: 50.937 ng/ul

RT: 17.86 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

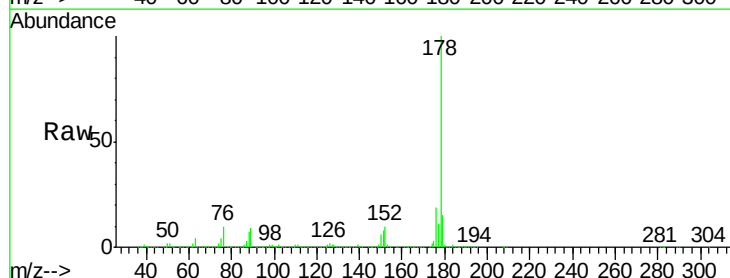
Tgt Ion:178 Resp: 4145175

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

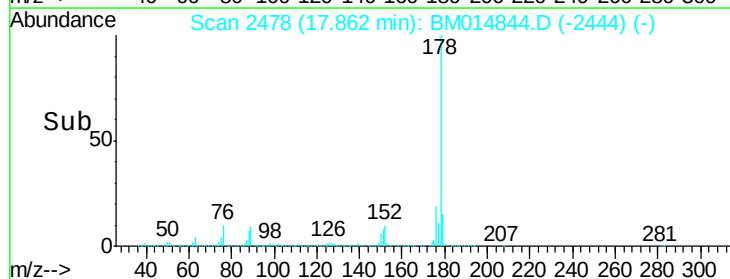
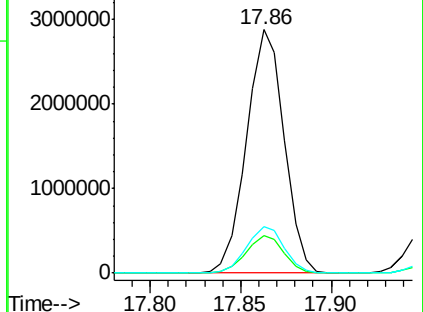
176 19.1 14.9 22.3

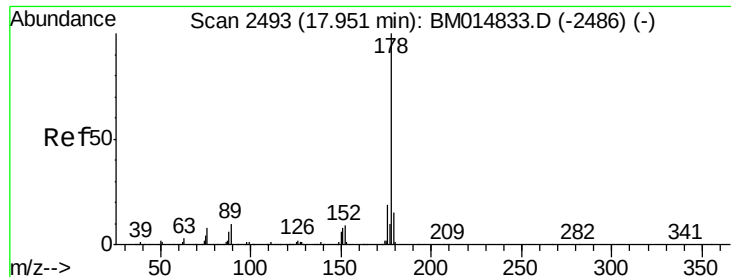


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

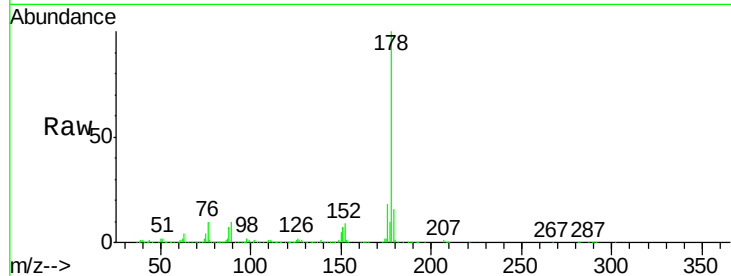




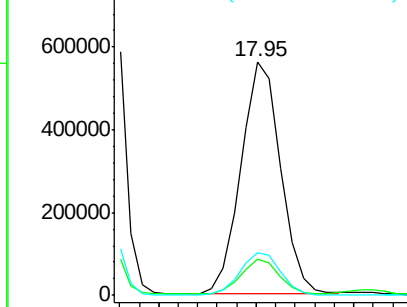
#71
 Anthracene
 Concen: 9.565 ng/ul
 RT: 17.95 min Scan# 2493
 Delta R.T. 0.00 min
 Lab File: BM014844.D
 Acq: 25 Apr 2018 21:23

Instrument :
 BNA_M
 ClientSampleId :

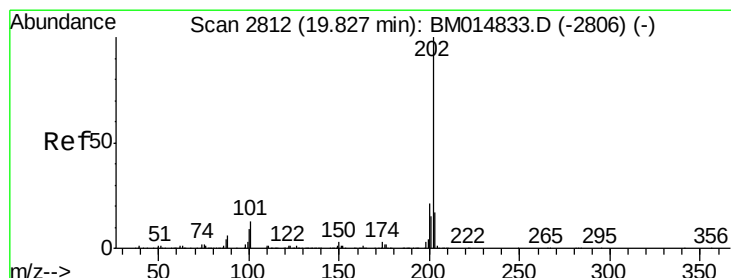
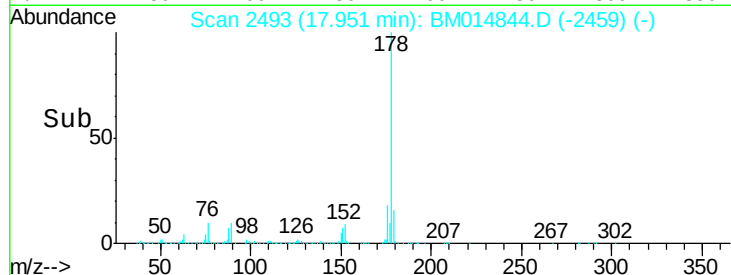
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.5	14.6	21.8



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

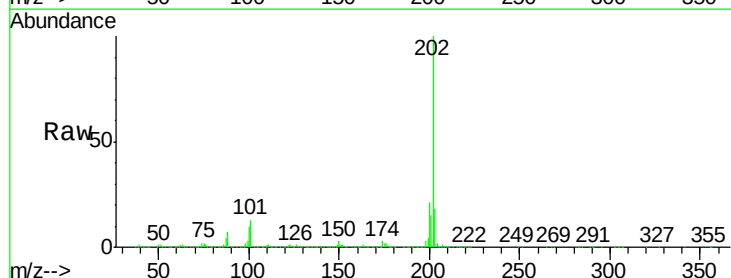


Time-->

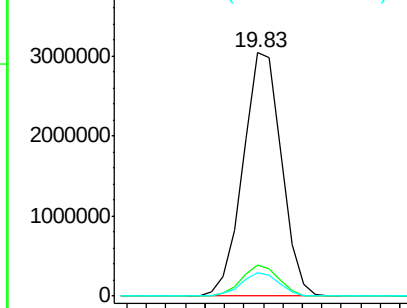


#74
 Fluoranthene
 Concen: 46.703 ng/ul
 RT: 19.83 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BM014844.D
 Acq: 25 Apr 2018 21:23

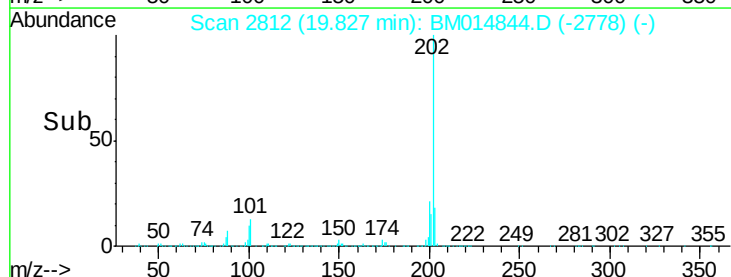
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	4.6	7.0#
100	9.8	3.4	5.2#

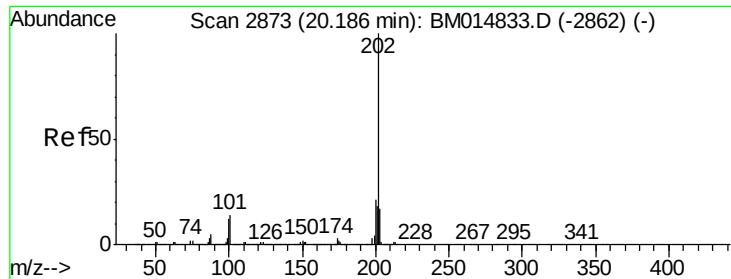


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 29.517 ng/ul

RT: 20.19 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

Instrument :

BNA_M

ClientSampleId :

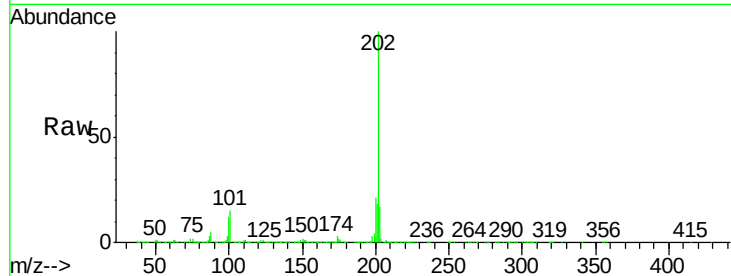
Tot Ion:202 Resp: 2794277

Ion Ratio Lower Upper

202 100

101 14.8 5.1 7.7#

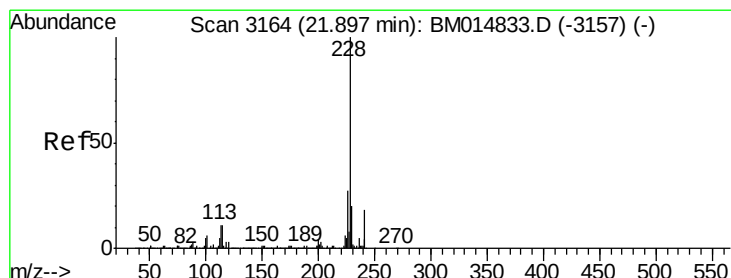
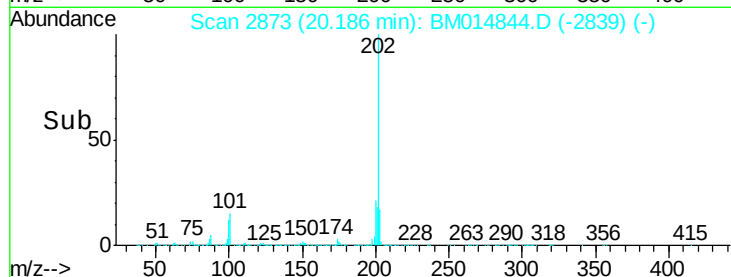
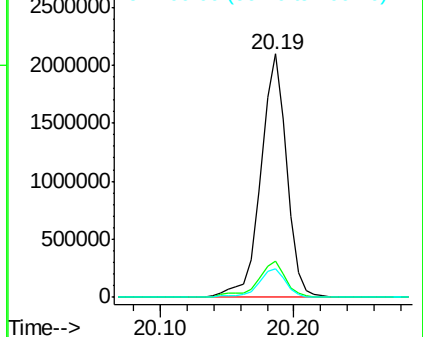
100 11.9 4.9 7.3#



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: 9.855 ng/ul

RT: 21.89 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

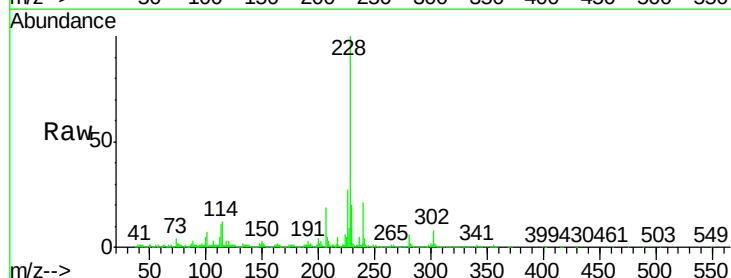
Tgt Ion:228 Resp: 933760

Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.0

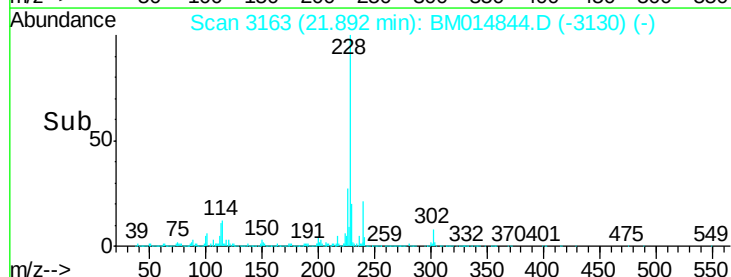
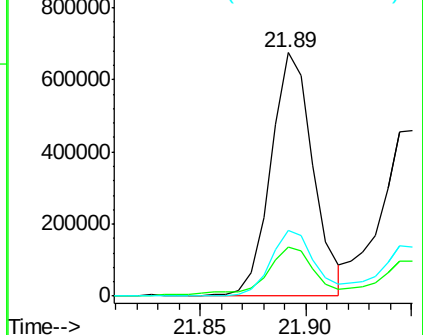
226 27.2 21.4 32.0

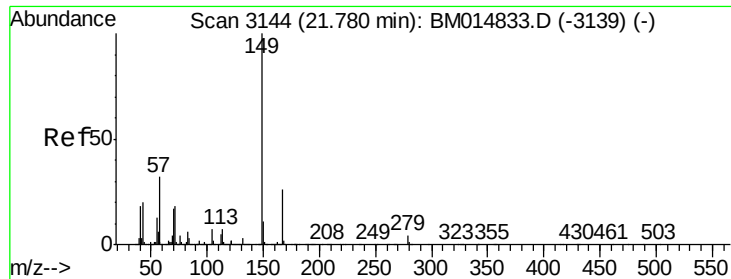


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

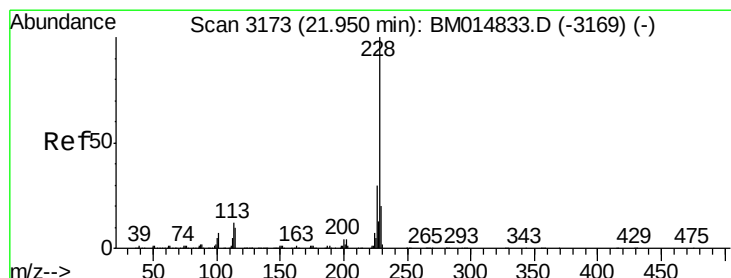
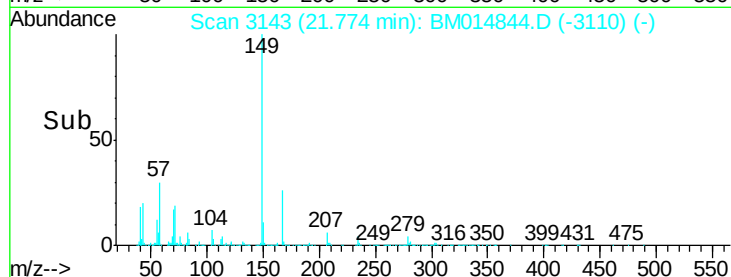
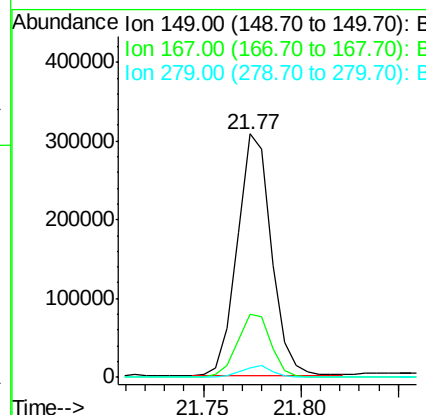
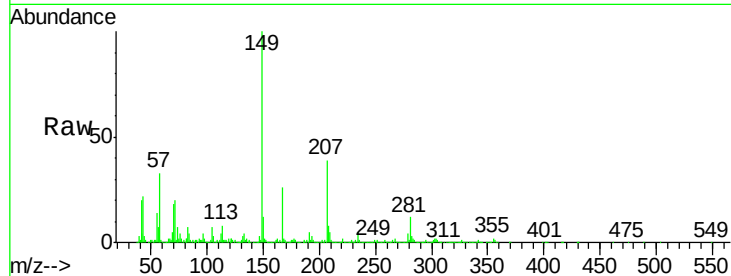




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 6.510 ng/ul
 RT: 21.77 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BM014844.D
 Acq: 25 Apr 2018 21:23

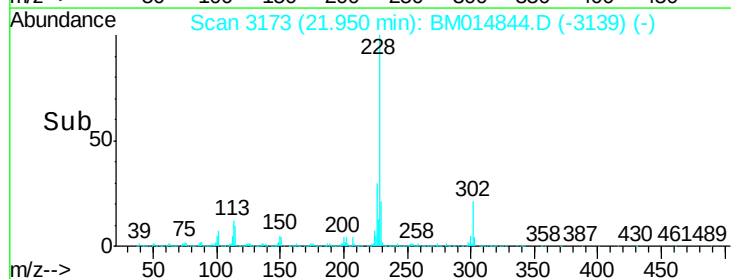
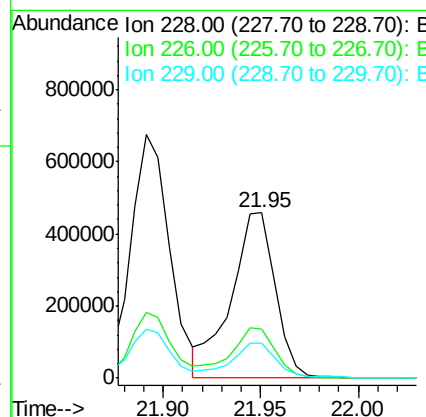
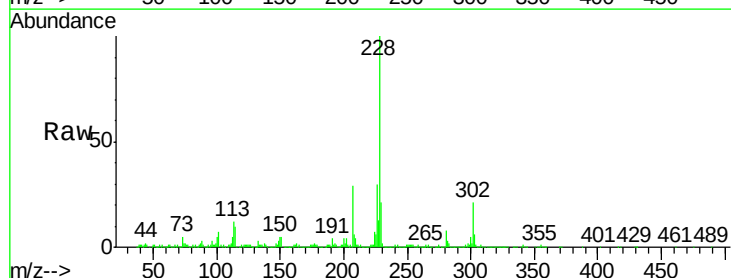
Instrument :
 BNA_M
 ClientSampleId :

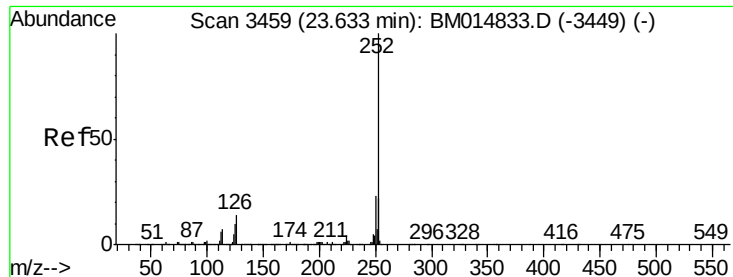
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.8	34.2
279	4.1	4.9	7.3#



#82
 Chrysene
 Concen: 8.066 ng/ul
 RT: 21.95 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BM014844.D
 Acq: 25 Apr 2018 21:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 5.850 ng/ul

RT: 23.63 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BM014844.D

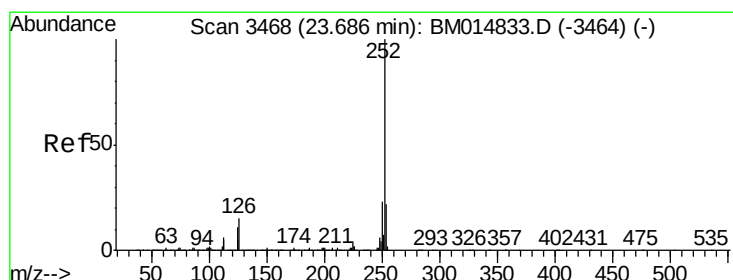
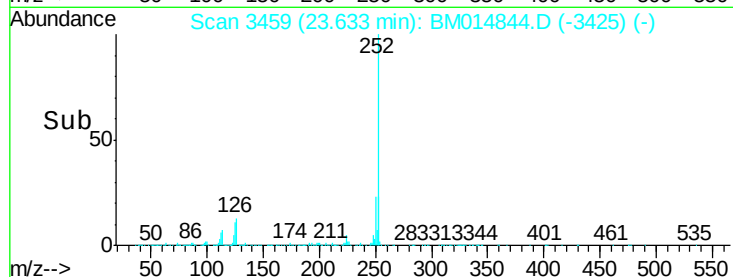
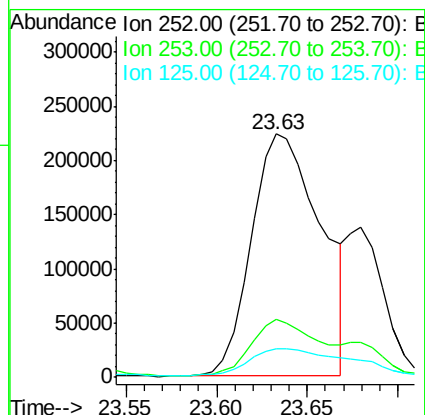
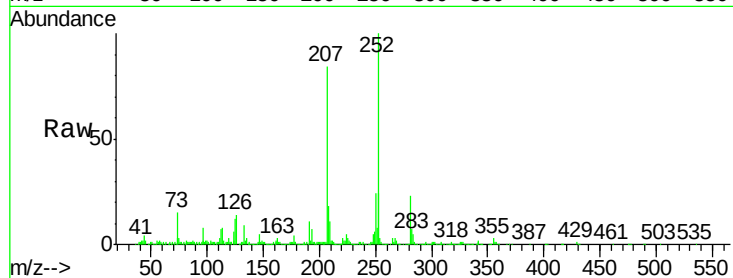
Acq: 25 Apr 2018 21:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	595415
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	11.8	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 6.083 ng/ul

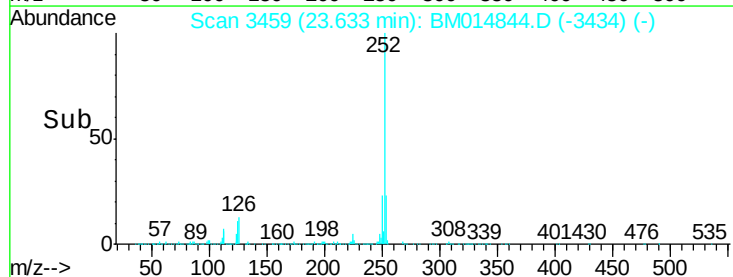
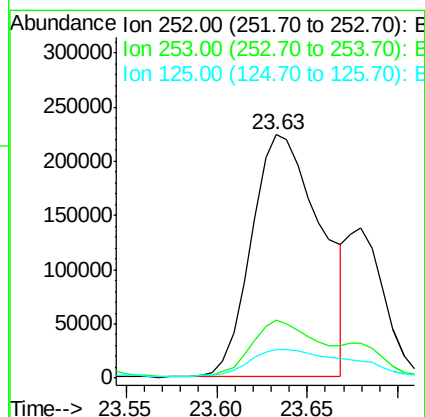
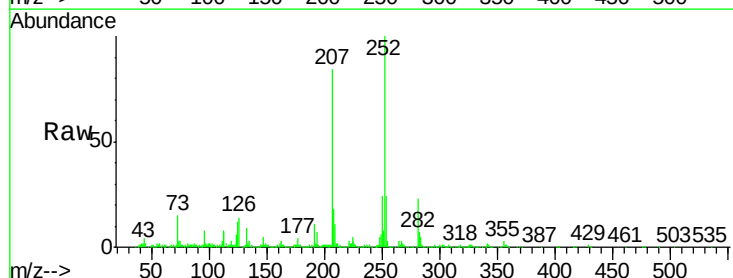
RT: 23.63 min Scan# 3459

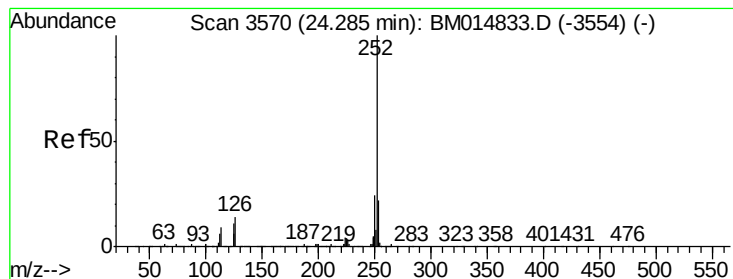
Delta R.T. -0.05 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

Tgt Ion:	252	Resp:	595415
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	11.8	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 3.654 ng/ul

RT: 24.28 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

Instrument :

BNA_M

ClientSampled :

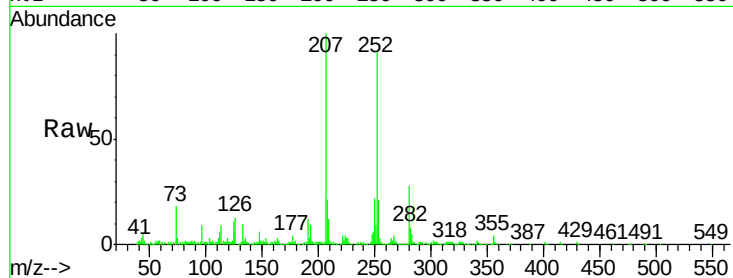
Tot Ion:252 Resp: 352786

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

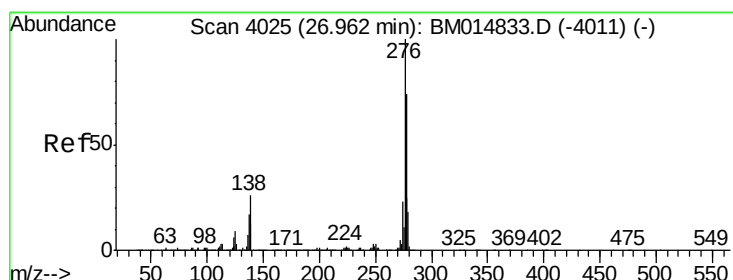
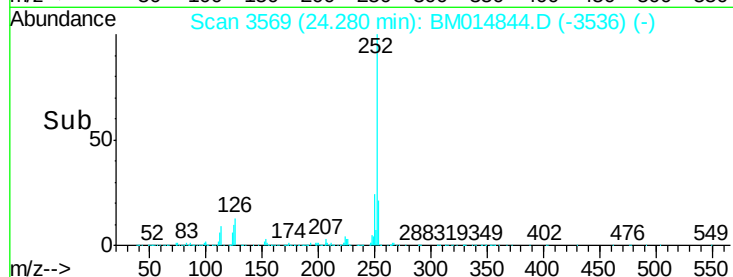
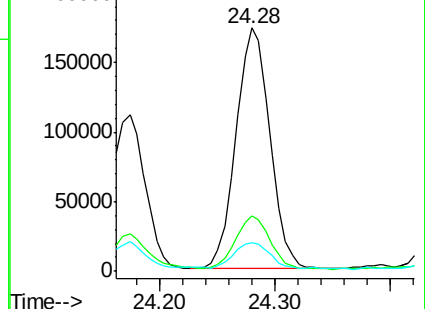
125 11.8 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.156 ng/ul

RT: 26.95 min Scan# 4023

Delta R.T. -0.01 min

Lab File: BM014844.D

Acq: 25 Apr 2018 21:23

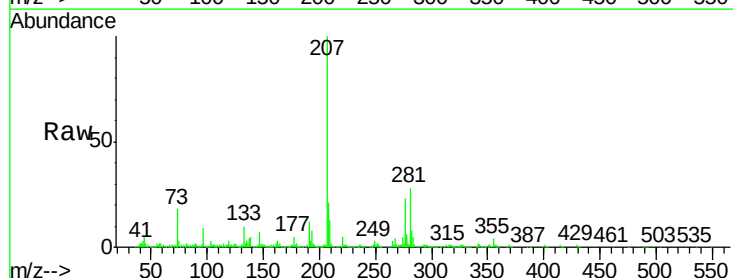
Tgt Ion:276 Resp: 134987

Ion Ratio Lower Upper

276 100

138 23.3 9.3 13.9#

277 25.9 19.9 29.9



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

