

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\
 Data File : BM013440.D
 Acq On : 15 Dec 2017 15:32
 Operator : SJ/JU
 Sample : I6759-04DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A03DL

Quant Time: Dec 15 16:19:28 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	200906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	871402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	530382	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1219634	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1114886	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	913212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2484	0.61	ng/uL	0.00
5) Phenol-d5	6.86	99	51087	2.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	34578	3.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	43036	3.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	41824	2.82	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	23365	3.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	22990	3.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	43855	2.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	58158	4.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	164634	3.49	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	203334	3.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	11935	1.46	ng/ul	0.00
57) Fluorene-d10	15.32	176	140764	3.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	10683	1.39	ng/ul	0.00
70) Anthracene-d10	17.17	188	220178	3.60	ng/ul	0.00
76) Pyrene-d10	19.46	212	235454	4.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	157983	3.40	ng/ul	0.00

Target Compounds

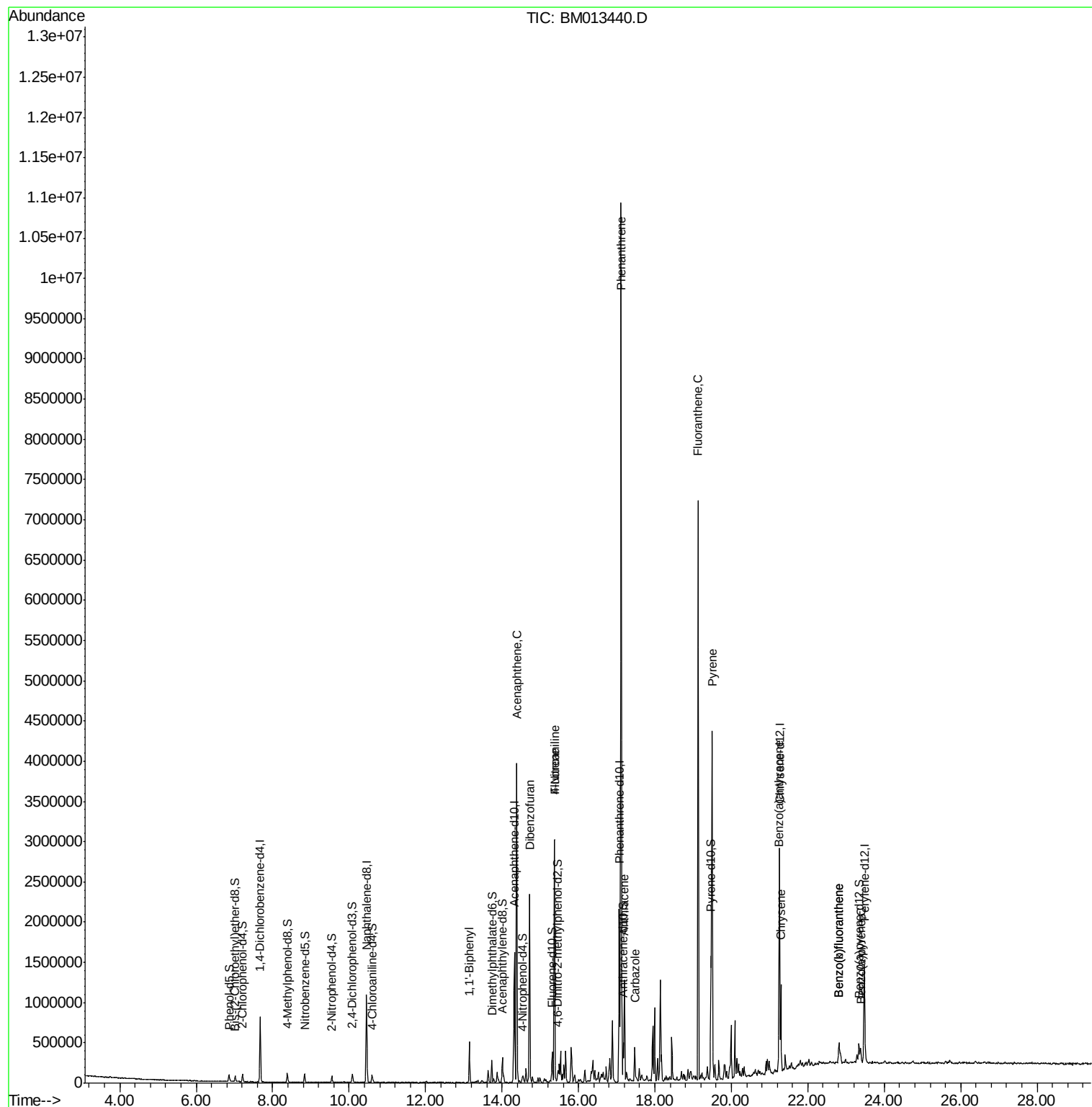
					Qvalue
40) 1,1'-Biphenyl	13.15	154	265273	5.918	ng/ul 99
49) Acenaphthene	14.39	153	1533256	41.759	ng/ul 99
53) Dibenzofuran	14.72	168	1390356	25.651	ng/ul 97
58) Fluorene	15.37	166	1281441	28.577	ng/ul 99
60) 4-Nitroaniline	15.37	138	14727	1.517	ng/ul# 12
69) Phenanthrene	17.12	178	6302247	90.955	ng/ul 99
71) Anthracene	17.20	178	760025	10.731	ng/ul 99
72) Carbazole	17.47	167	228227	3.746	ng/ul 97
74) Fluoranthene	19.13	202	4083094	48.086	ng/ul# 92
77) Pyrene	19.50	202	2752527	40.638	ng/ul# 93
80) Benzo(a)anthracene	21.24	228	508441	7.188	ng/ul 99
82) Chrysene	21.30	228	579280	8.827	ng/ul 98
85) Benzo(b)fluoranthene	22.82	252	207407	3.369	ng/ul# 97
86) Benzo(k)fluoranthene	22.82	252	207407	3.580	ng/ul# 95
88) Benzo(a)pyrene	23.39	252	111389	2.014	ng/ul# 96

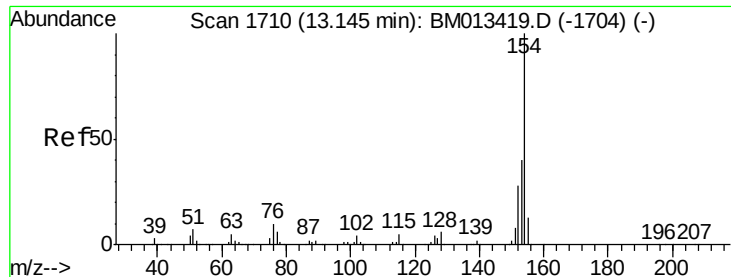
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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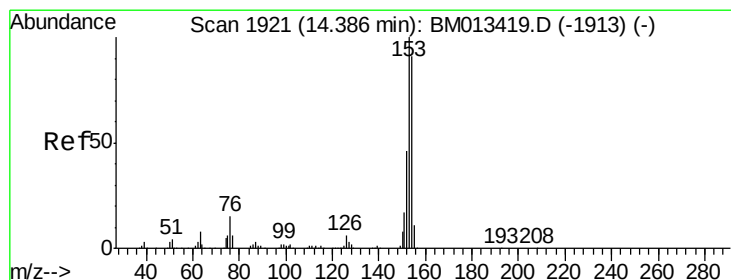
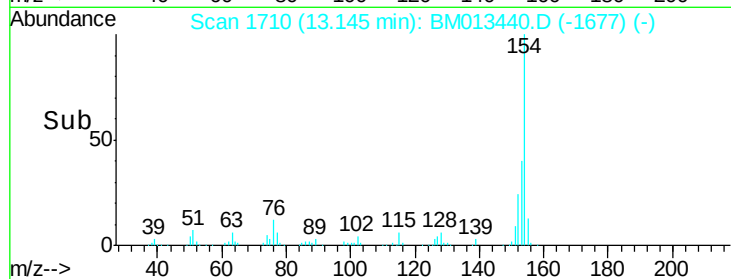
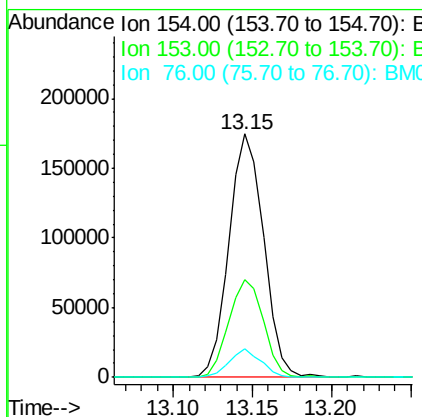
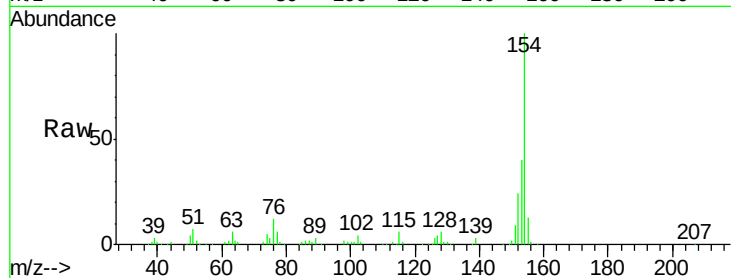




#40
1,1'-Biphenyl
Concen: 5.918 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM013440.D
Acq: 15 Dec 2017 15:32

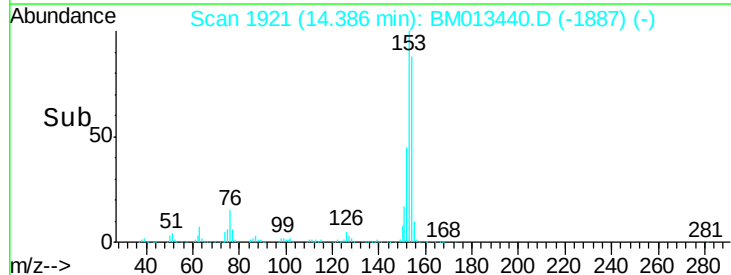
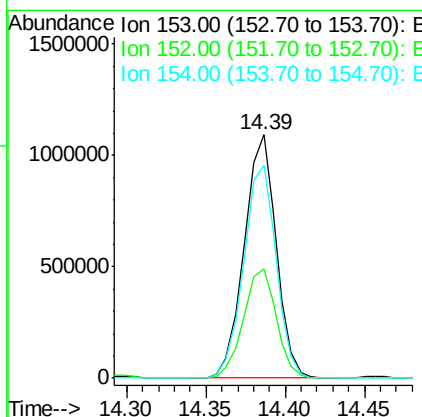
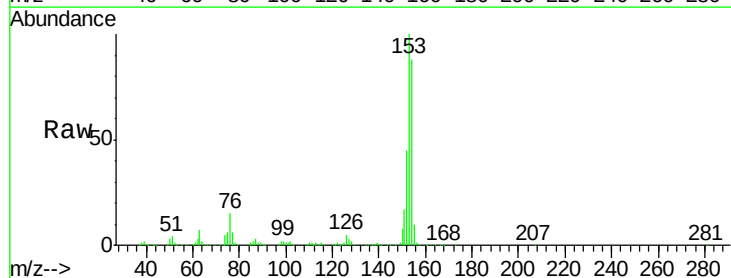
Instrument :
BNA_M
ClientSampleId :
F9A03DL

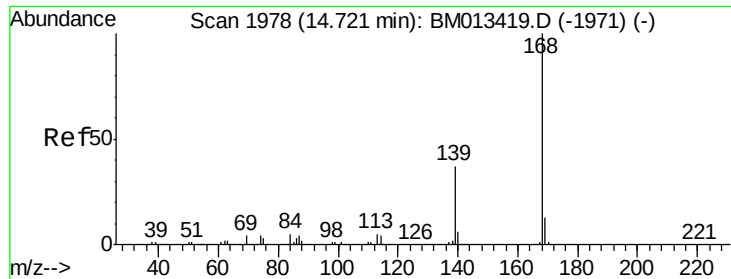
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.6	48.8
76	11.6	8.5	12.7



#49
Acenaphthene
Concen: 41.759 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM013440.D
Acq: 15 Dec 2017 15:32

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	37.6	56.4
154	87.7	70.4	105.6

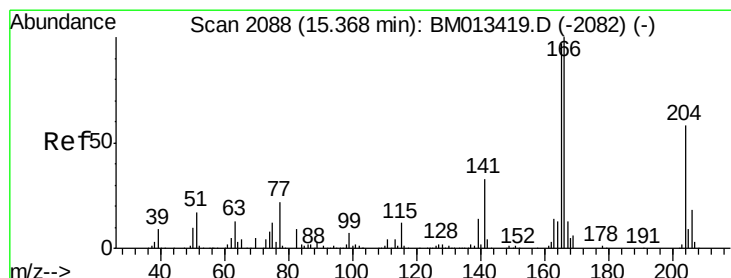
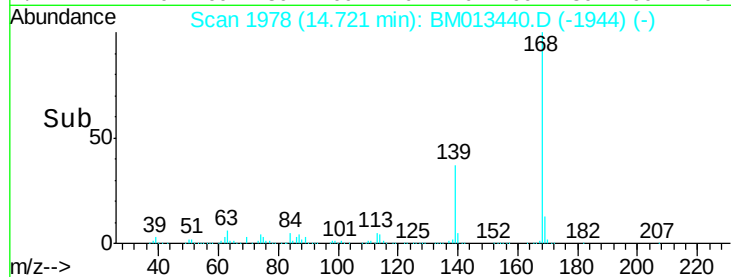
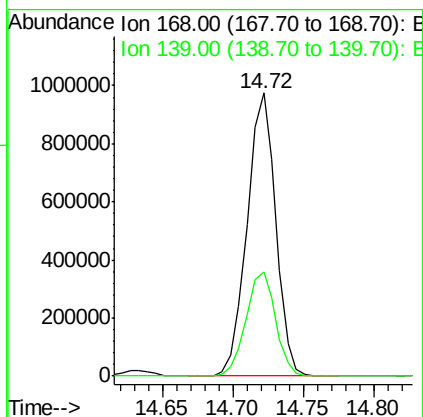
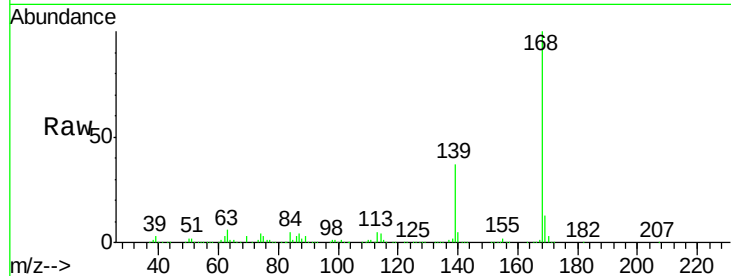




#53
Dibenzenofuran
Concen: 25.651 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM013440.D
Acq: 15 Dec 2017 15:32

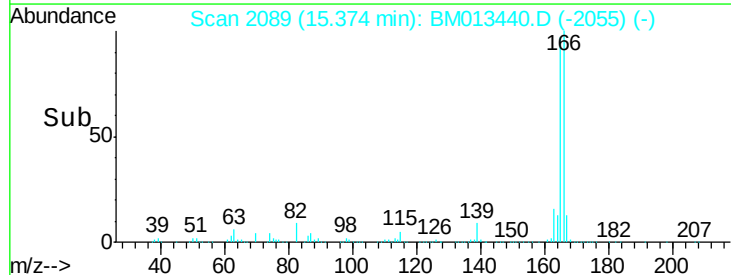
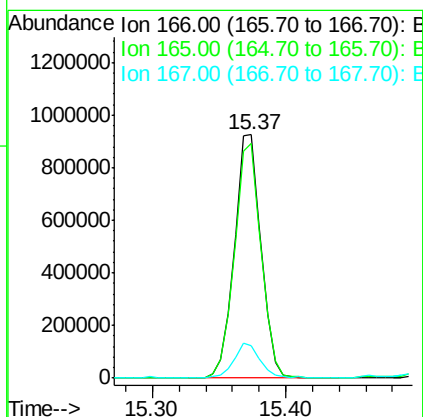
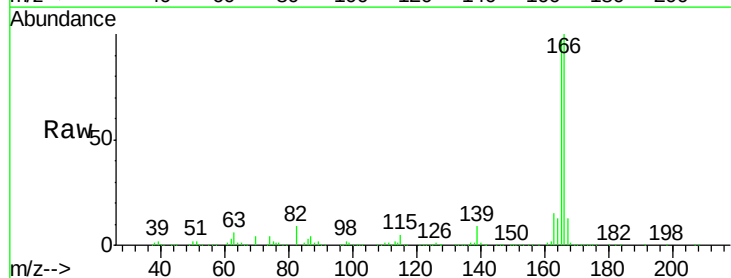
Instrument :
BNA_M
ClientSampled :
F9A03DL

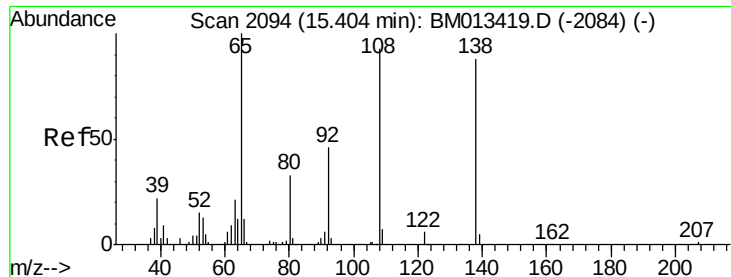
Tgt Ion:168 Resp: 1390356
Ion Ratio Lower Upper
168 100
139 36.6 30.8 46.2



#58
Fluorene
Concen: 28.577 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM013440.D
Acq: 15 Dec 2017 15:32

Tgt Ion:166 Resp: 1281441
Ion Ratio Lower Upper
166 100
165 96.6 77.9 116.9
167 13.4 10.6 16.0

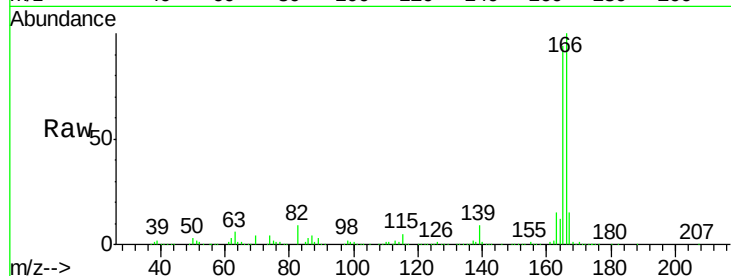




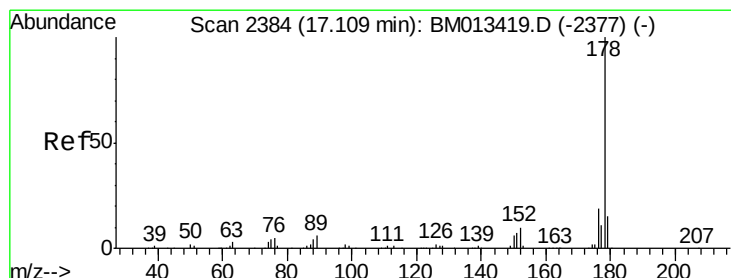
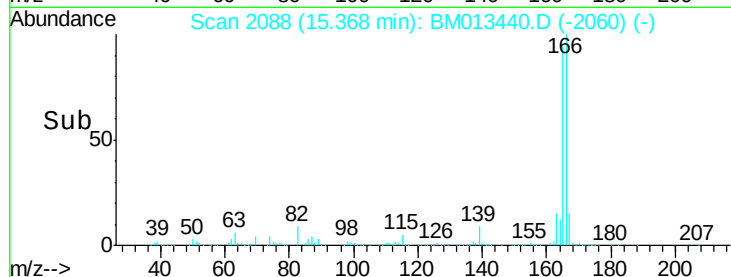
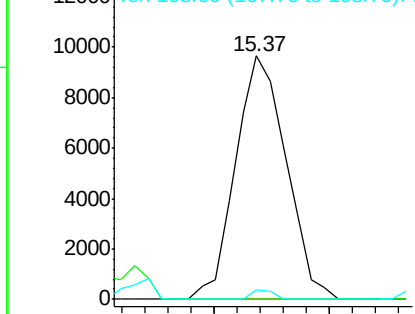
#60
4-Nitroaniline
Concen: 1.517 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.04 min
Lab File: BM013440.D
Acq: 15 Dec 2017 15:32

Instrument :
BNA_M
ClientSampleId :
F9A03DL

Tgt Ion:138 Resp: 14727
Ion Ratio Lower Upper
138 100
92 0.0 40.0 60.0#
108 3.7 80.0 120.0#

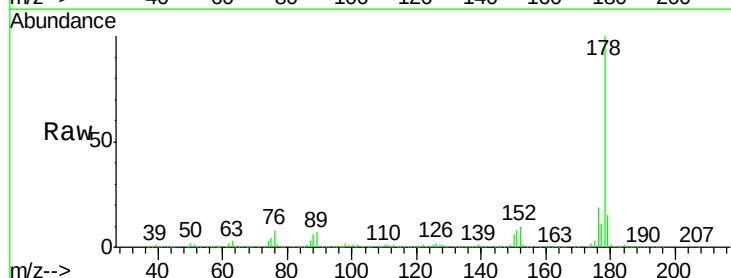


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM013440.D (-2060) (-)
Ion 108.00 (107.70 to 108.70): E

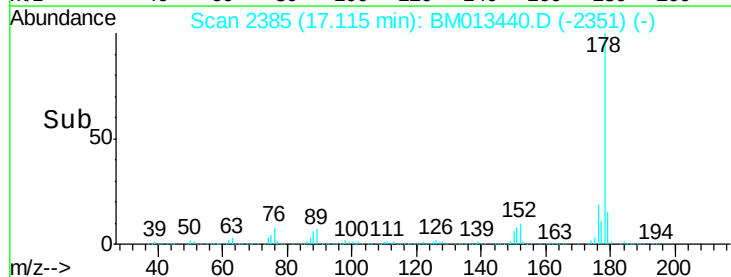
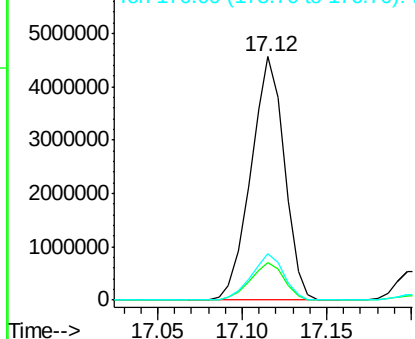


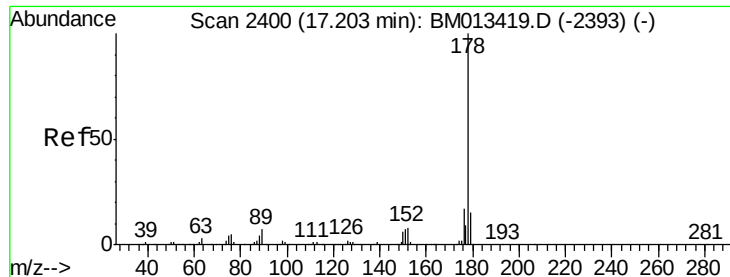
#69
Phenanthrene
Concen: 90.955 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM013440.D
Acq: 15 Dec 2017 15:32

Tgt Ion:178 Resp: 6302247
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.9 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

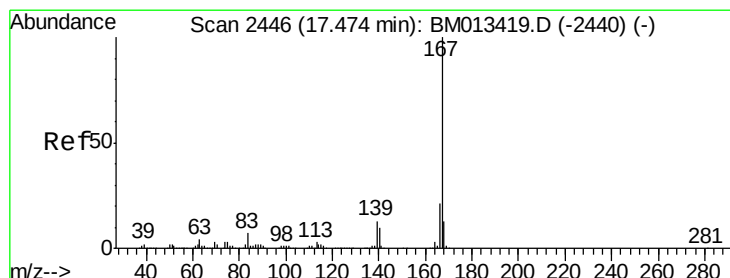
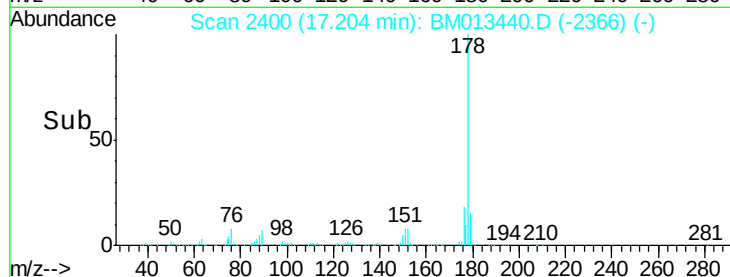
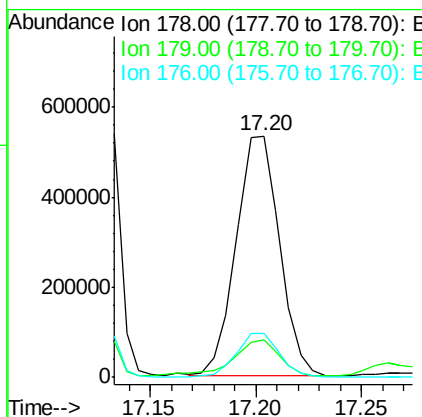
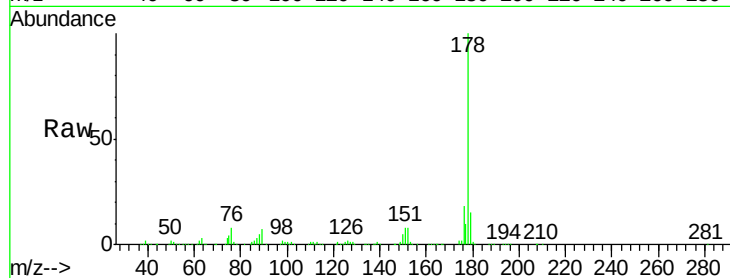




#71
 Anthracene
 Concen: 10.731 ng/ul
 RT: 17.20 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM013440.D
 Acq: 15 Dec 2017 15:32

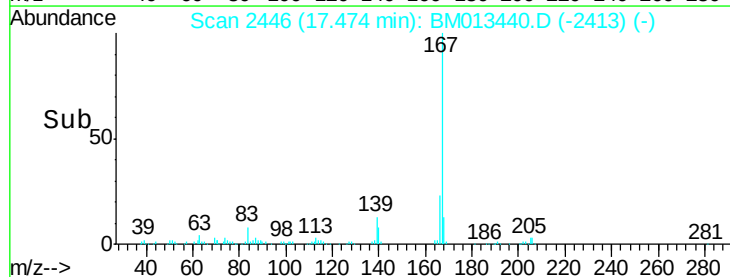
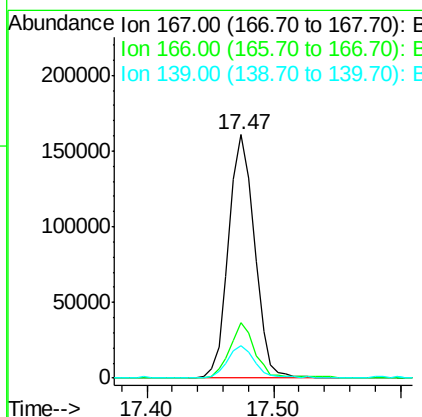
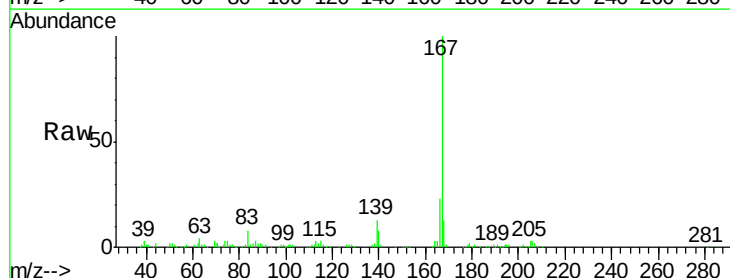
Instrument :
 BNA_M
 ClientSampleId :
 F9A03DL

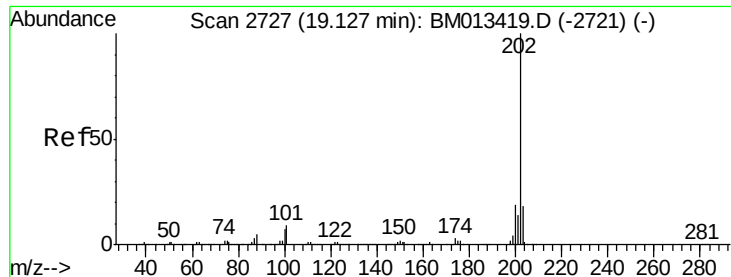
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.4	14.6	21.8



#72
 Carbazole
 Concen: 3.746 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BM013440.D
 Acq: 15 Dec 2017 15:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.1	25.7
139	13.4	10.0	15.0





#74

Fluoranthene

Concen: 48.086 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM013440.D

Acq: 15 Dec 2017 15:32

Instrument :

BNA_M

ClientSampleId :

F9A03DL

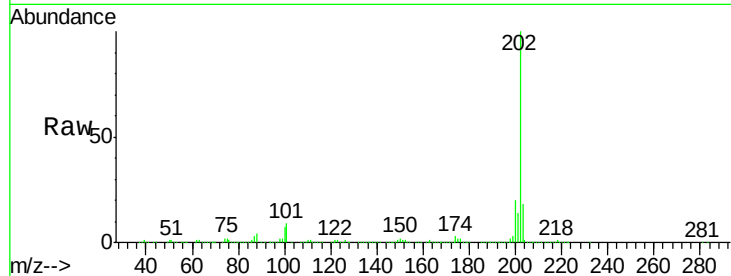
Tgt Ion:202 Resp: 4083094

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

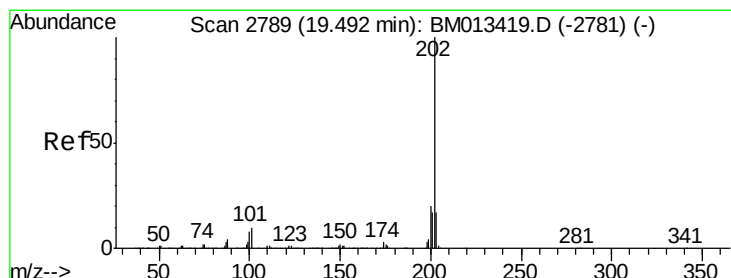
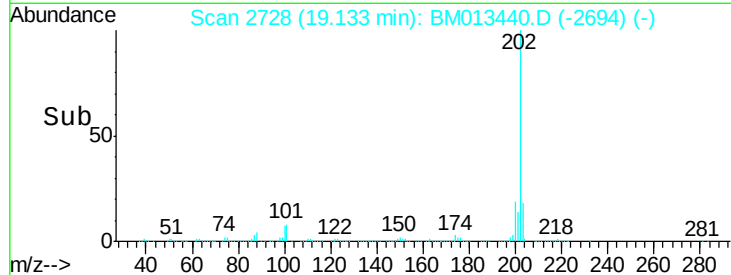
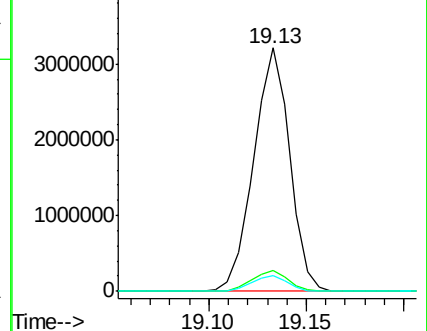
100 6.6 3.4 5.2#



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

Pyrene

Concen: 40.638 ng/ul

RT: 19.50 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM013440.D

Acq: 15 Dec 2017 15:32

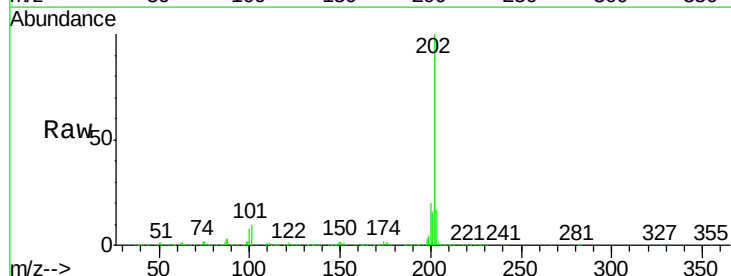
Tgt Ion:202 Resp: 2752527

Ion Ratio Lower Upper

202 100

101 9.8 5.1 7.7#

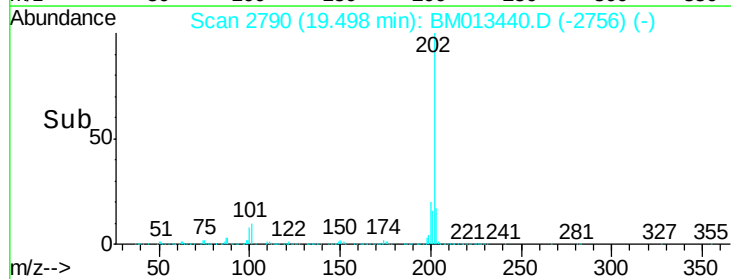
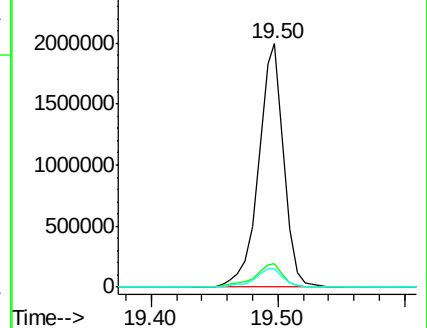
100 7.5 4.9 7.3#

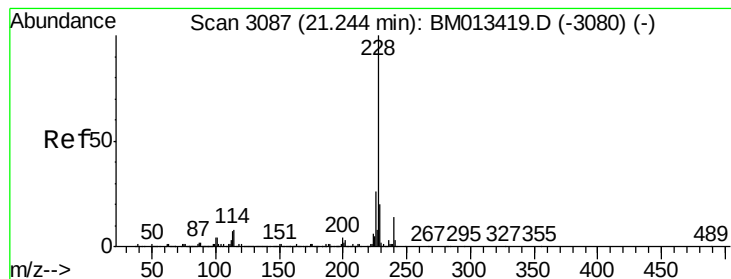


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 7.188 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013440.D

Acq: 15 Dec 2017 15:32

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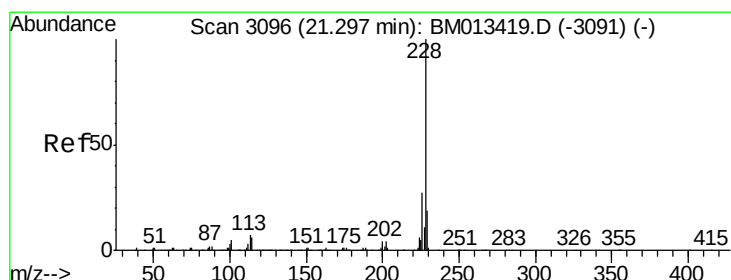
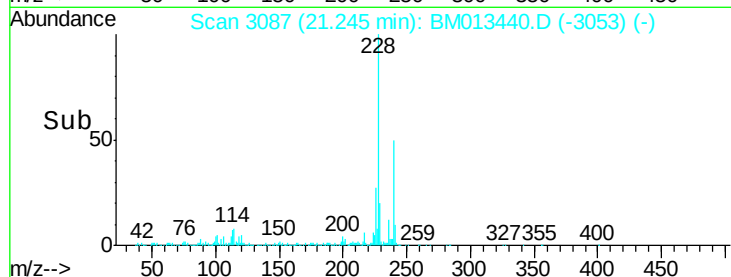
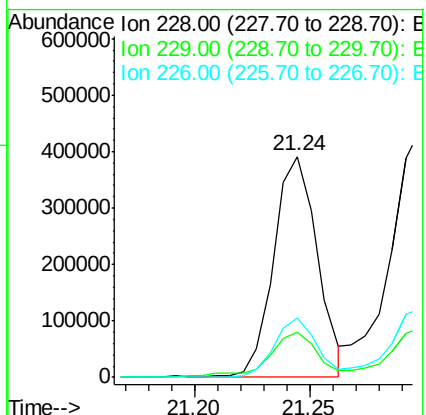
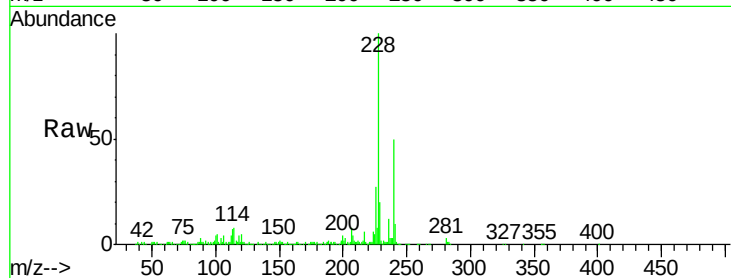
Tgt Ion:228 Resp: 508441

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

226 26.8 21.4 32.0



#82

Chrysene

Concen: 8.827 ng/ul

RT: 21.30 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013440.D

Acq: 15 Dec 2017 15:32

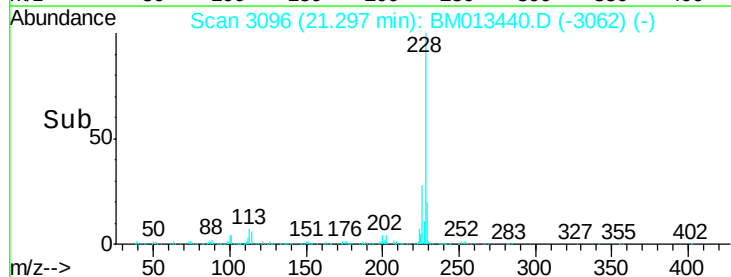
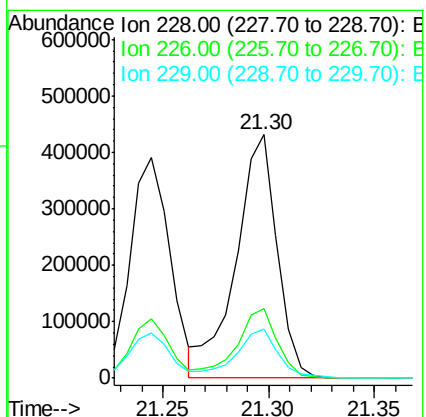
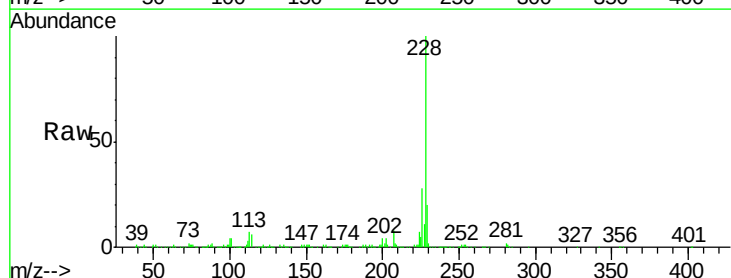
Tgt Ion:228 Resp: 579280

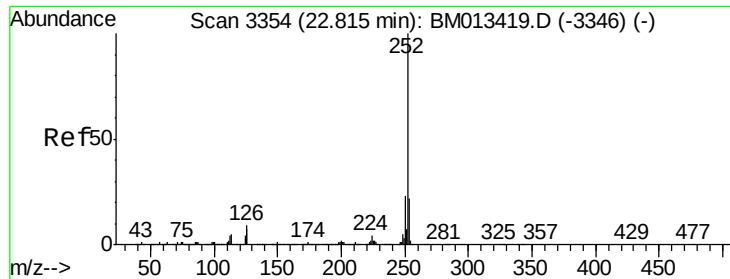
Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

229 20.3 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 3.369 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BM013440.D

Acq: 15 Dec 2017 15:32

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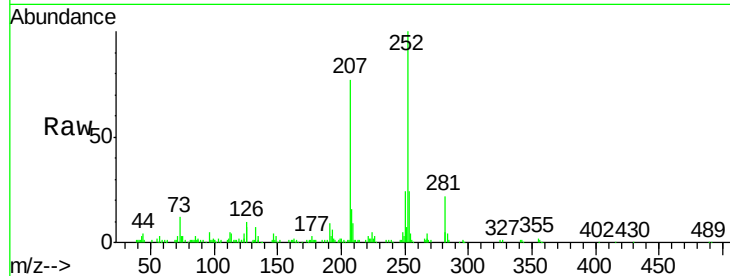
Tgt Ion:252 Resp: 207407

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

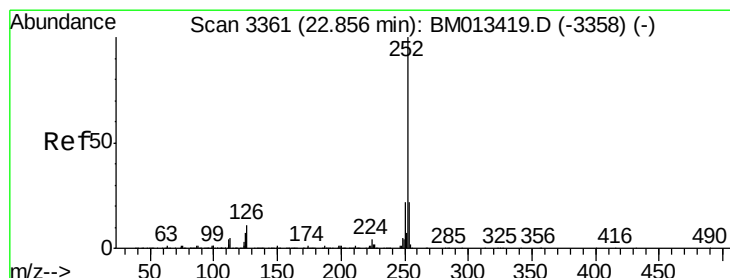
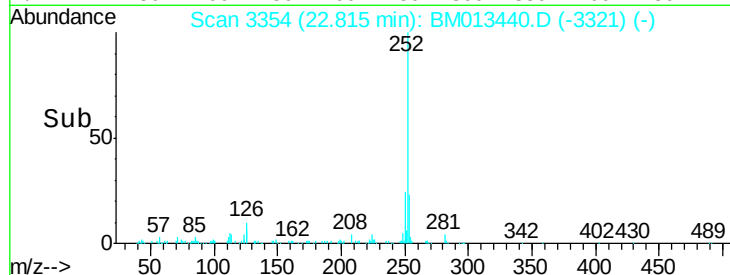
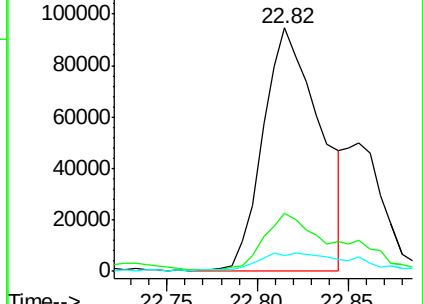
125 6.6 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 3.580 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.05 min

Lab File: BM013440.D

Acq: 15 Dec 2017 15:32

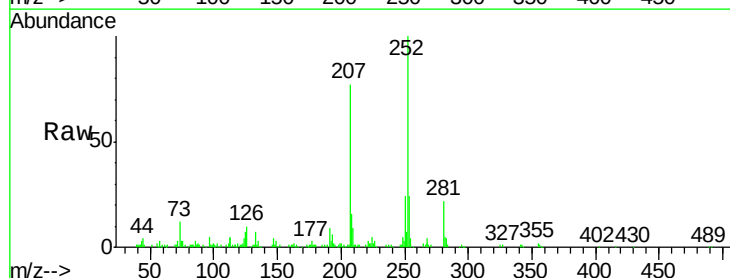
Tgt Ion:252 Resp: 207407

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

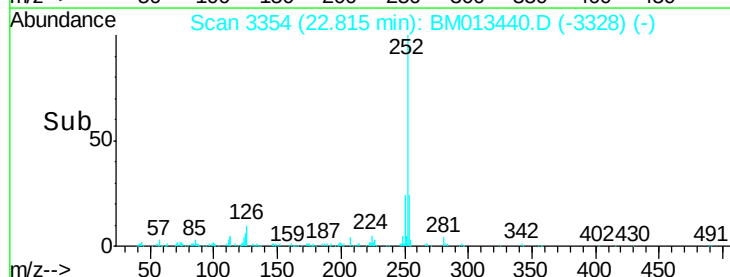
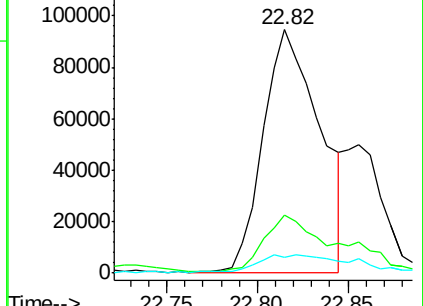
125 6.6 3.4 5.2#

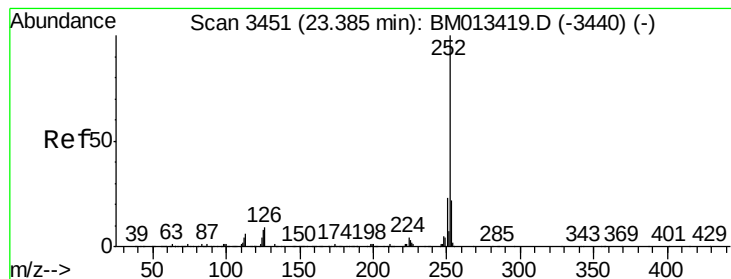


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.014 ng/ul

RT: 23.39 min Scan# 3451

Delta R.T. -0.00 min

Lab File: BM013440.D

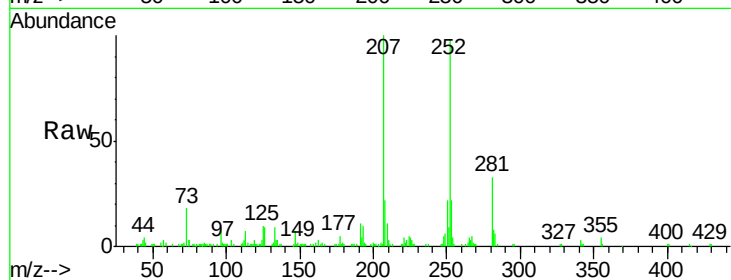
Acq: 15 Dec 2017 15:32

Instrument :

BNA_M

ClientSampleId :

F9A03DL



Tgt Ion:	252	Resp:	111389
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.5	4.0	6.0

