

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
 Data File : BM013144.D
 Acq On : 28 Nov 2017 19:44
 Operator : SJ/JU
 Sample : I6556-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0GE1

Quant Time: Nov 29 03:47:23 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 29 03:43:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	231057	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1032182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	633132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1469095	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1395062	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1027214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	13379	2.68	ng/uL	0.00
5) Phenol-d5	6.89	99	286013	14.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	182714	16.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	243129	15.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	249221	15.20	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	135813	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	144147	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	257816	14.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	334369	18.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	932578	16.79	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1099898	15.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	108303	12.86	ng/ul	0.00
57) Fluorene-d10	15.34	176	791032	16.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	107918	16.94	ng/ul	0.00
70) Anthracene-d10	17.19	188	1213707	16.14	ng/ul	0.00
76) Pyrene-d10	19.49	212	1259984	17.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	862169	16.55	ng/ul	0.00

Target Compounds

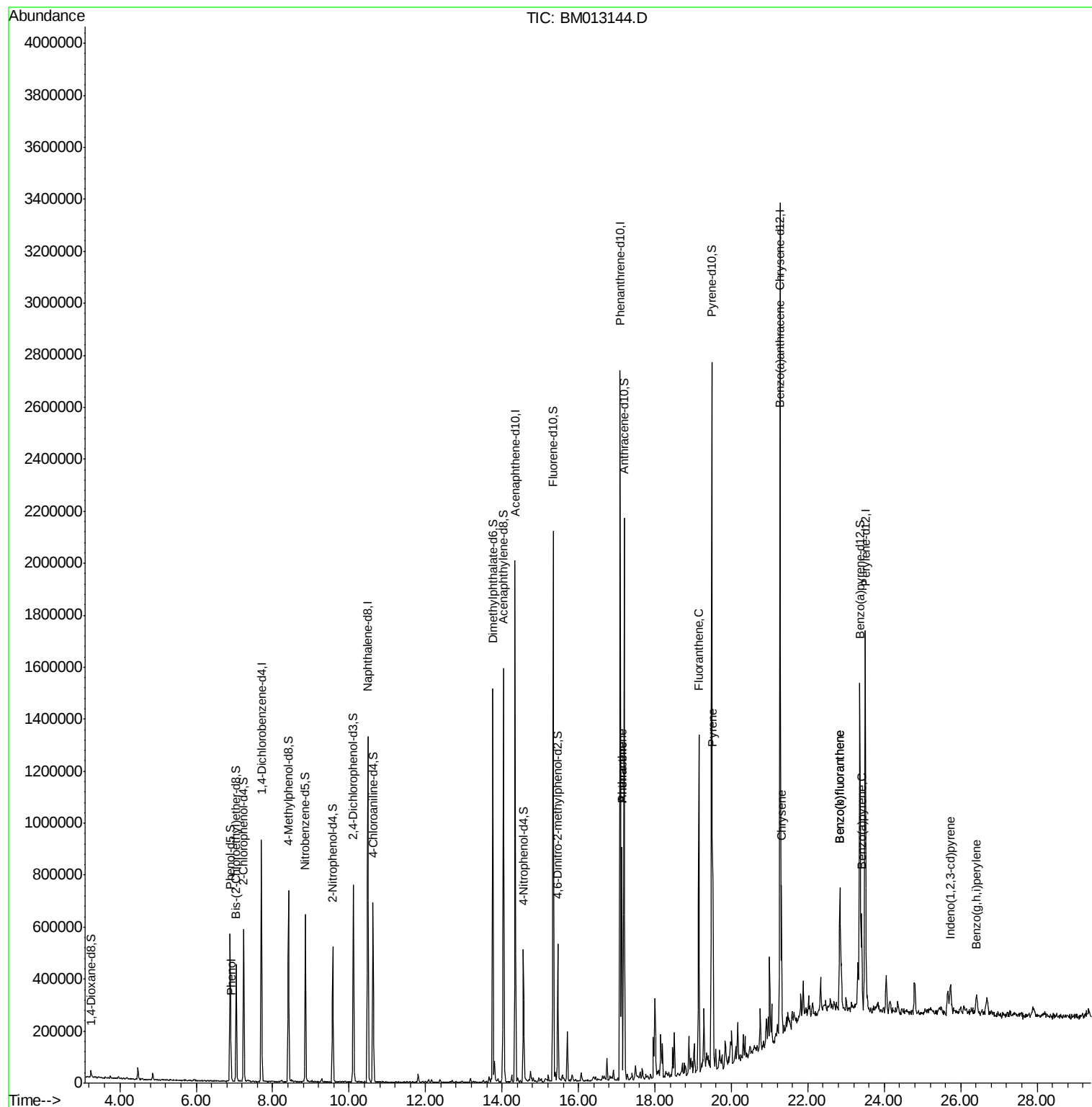
						Ovalue
6) Phenol	6.91	94	25370	1.28	ng/ul	92
69) Phenanthrene	17.13	178	508096	6.15	ng/ul	99
71) Anthracene	17.13	178	508096	5.93	ng/ul	97
74) Fluoranthene	19.15	202	729088	7.30	ng/ul#	94
77) Pyrene	19.52	202	642065	7.39	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	198345	2.22	ng/ul	94
82) Chrysene	21.31	228	308803	3.73	ng/ul	98
85) Benzo(b)fluoranthene	22.84	252	280440	4.22	ng/ul#	97
86) Benzo(k)fluoranthene	22.84	252	280440	4.59	ng/ul#	95
88) Benzo(a)pyrene	23.40	252	154925	2.51	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.73	276	104013	1.44	ng/ul#	92
91) Benzo(g,h,i)perylene	26.41	276	90671	1.51	ng/ul#	92

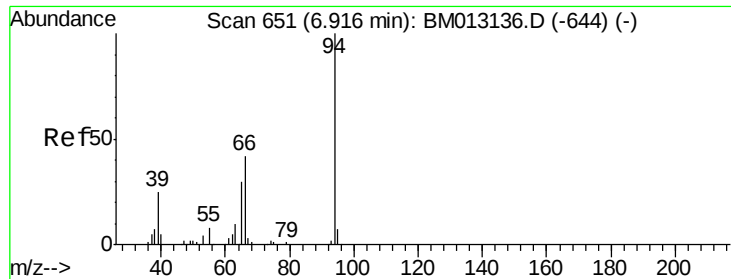
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.28 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

ClientSampleId :

B0GE1

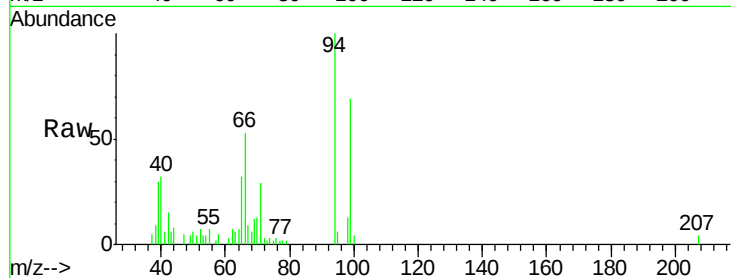
Tot Ion: 94 Resp: 25370

Ion Ratio Lower Upper

94 100

65 31.6 28.2 42.4

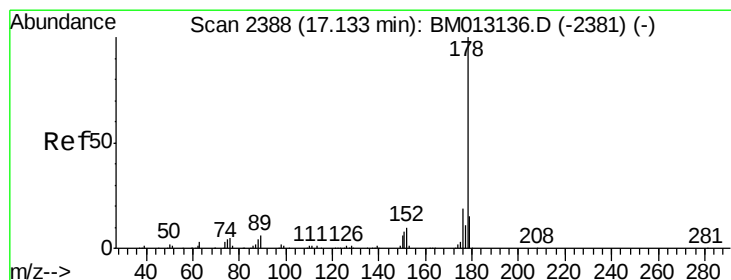
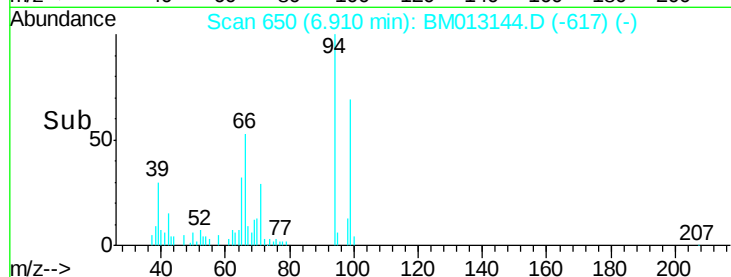
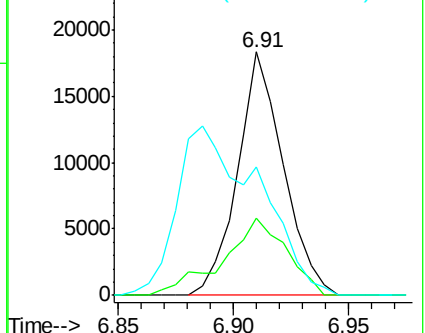
66 52.6 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013136.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013136.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013136.D (-644) (-)



#69

Phenanthrene

Concen: 6.15 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

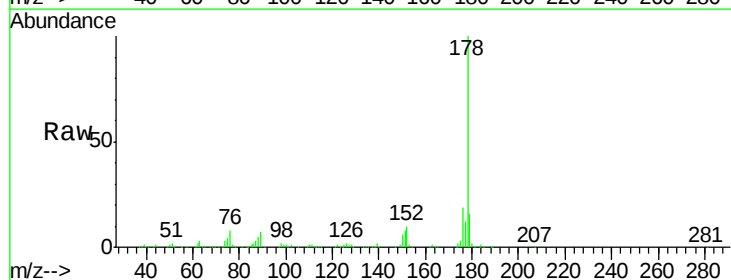
Tgt Ion: 178 Resp: 508096

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

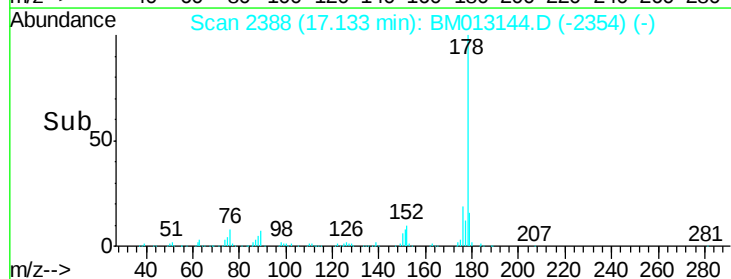
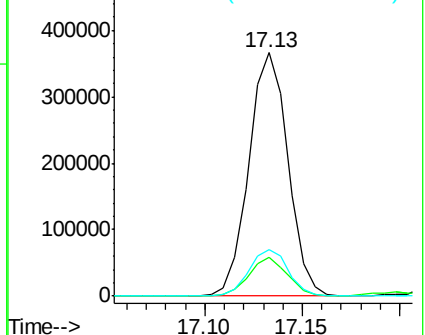
176 19.1 14.9 22.3

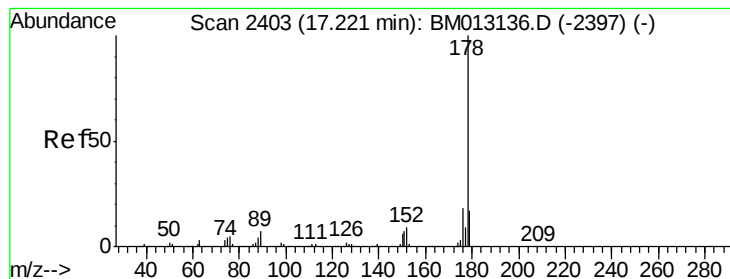


Abundance Ion 178.00 (177.70 to 178.70): BM013136.D (-2381) (-)

Ion 179.00 (178.70 to 179.70): BM013136.D (-2381) (-)

Ion 176.00 (175.70 to 176.70): BM013136.D (-2381) (-)





#71

Anthracene

Concen: 5.93 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.09 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

ClientSampleId :

B0GE1

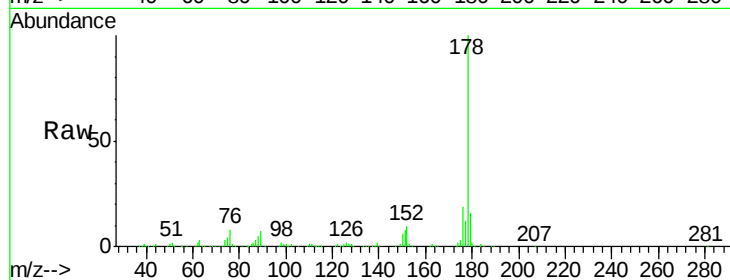
Tot Ion:178 Resp: 508096

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

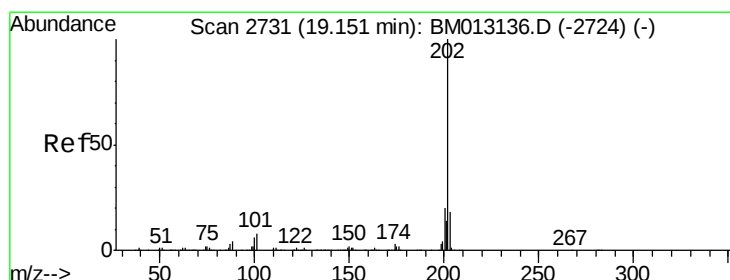
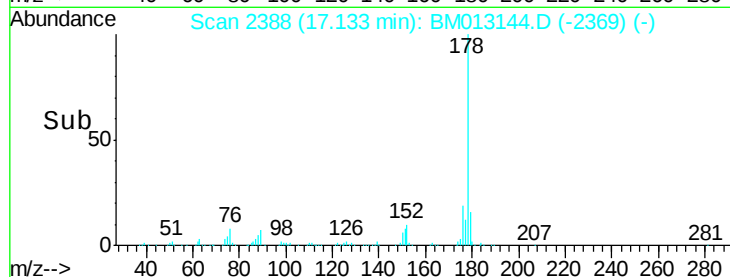
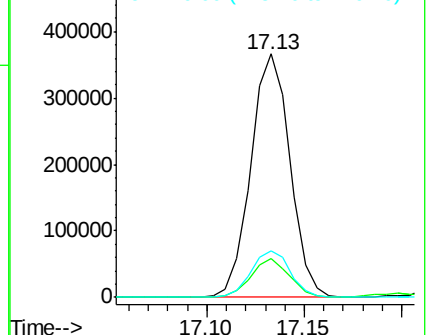
176 19.1 14.6 21.8



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: 7.30 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

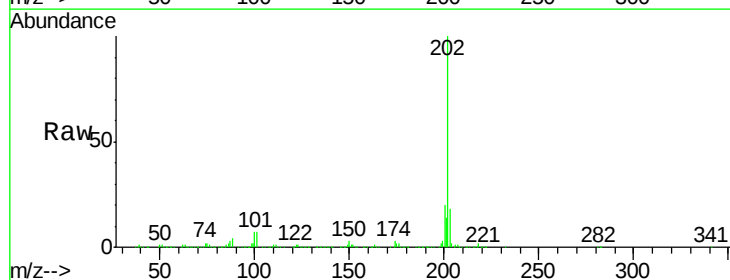
Tgt Ion:202 Resp: 729088

Ion Ratio Lower Upper

202 100

101 7.4 4.6 7.0#

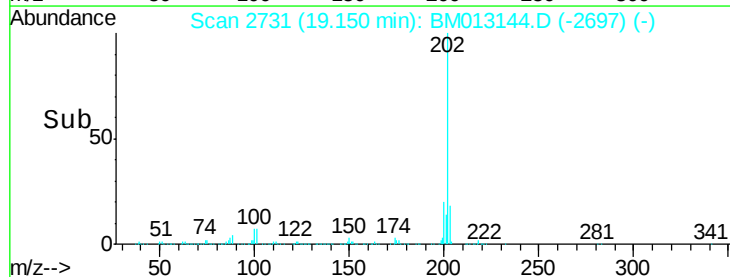
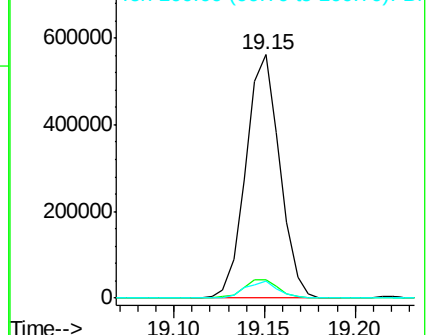
100 7.0 3.4 5.2#

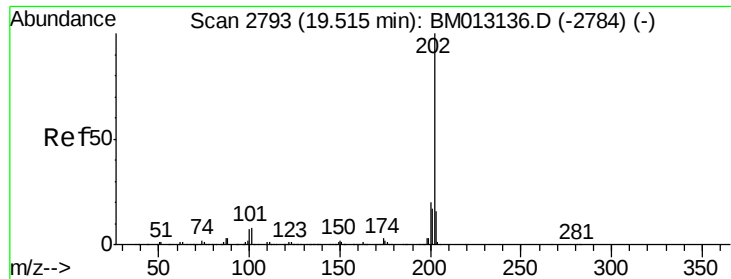


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 7.39 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

ClientSampleId :

B0GE1

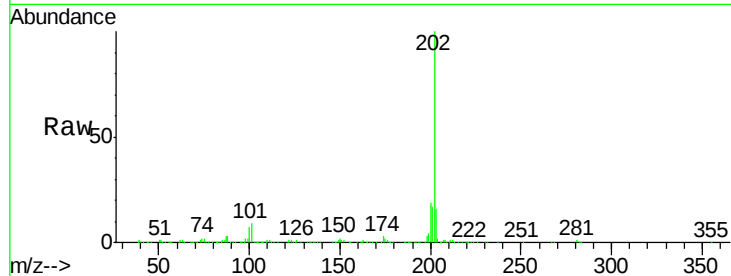
Tot Ion:202 Resp: 642065

Ion Ratio Lower Upper

202 100

101 9.3 5.1 7.7#

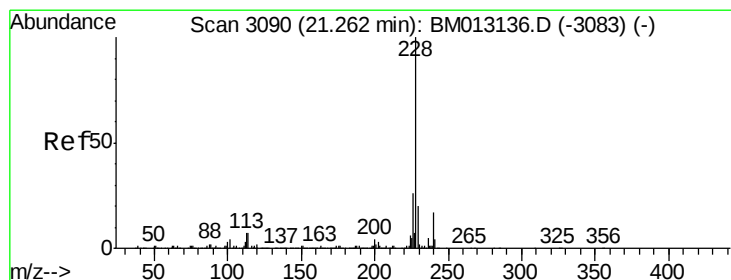
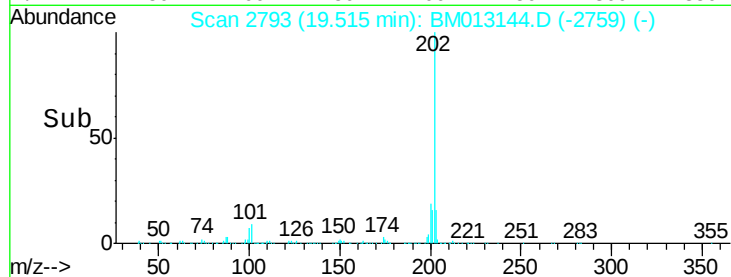
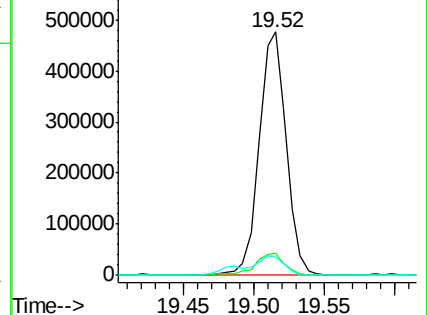
100 7.4 4.9 7.3#



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: 2.22 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

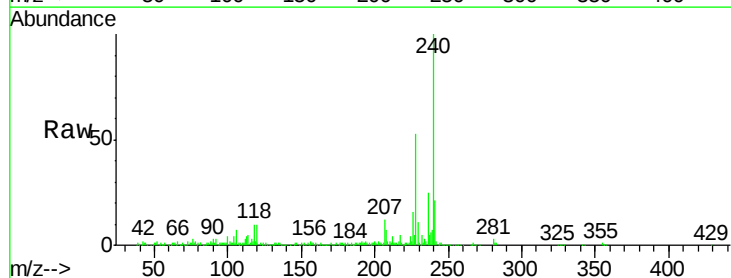
Tgt Ion:228 Resp: 198345

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

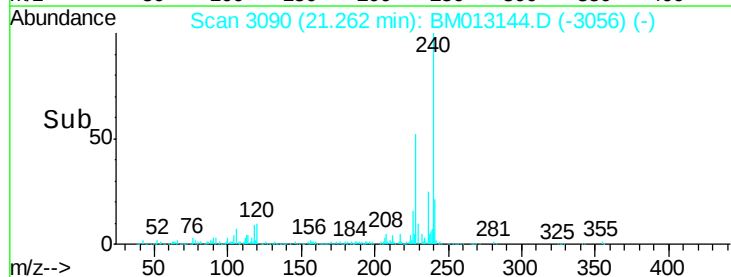
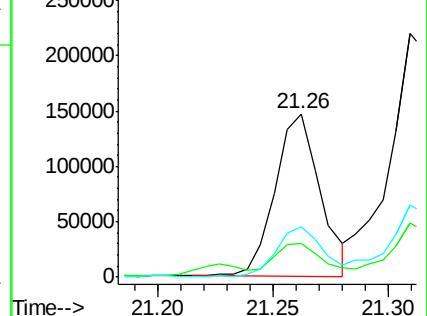
226 30.6 21.4 32.0

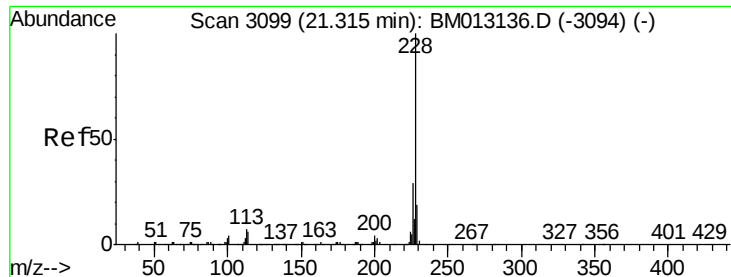


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

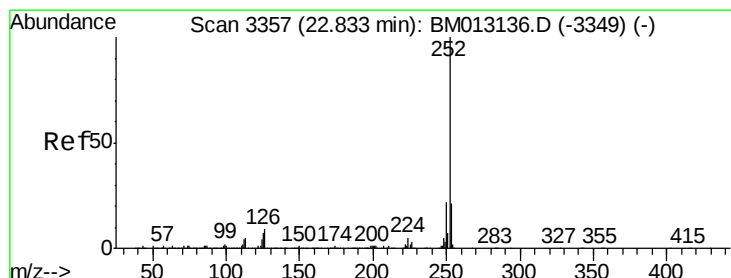
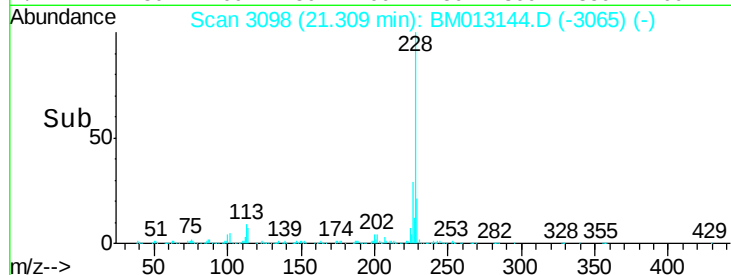
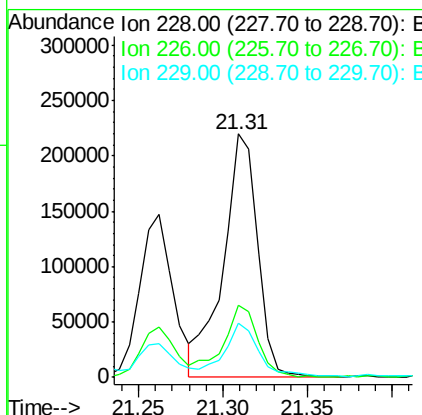
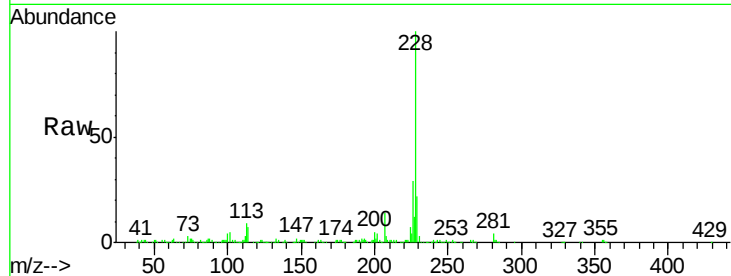




#82
Chrysene
Concen: 3.73 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

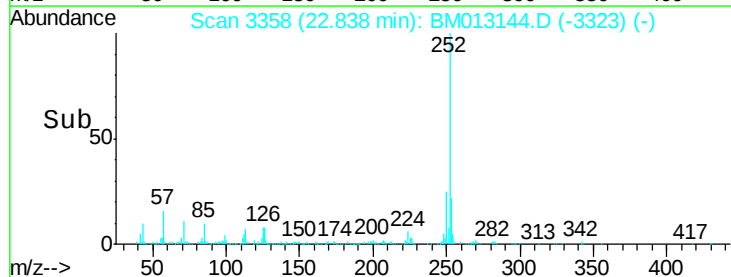
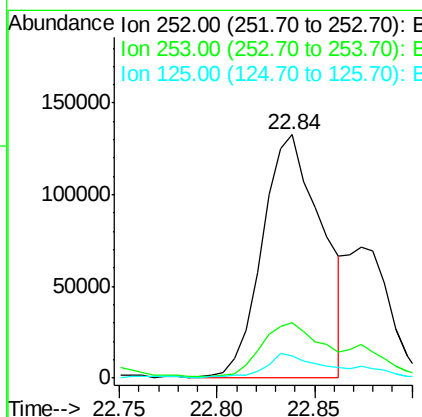
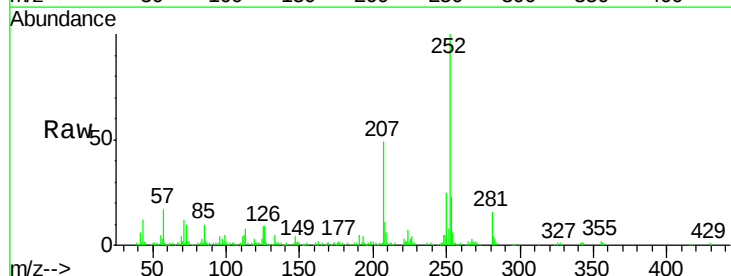
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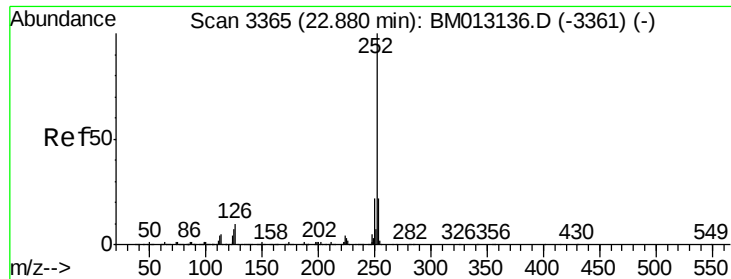
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.0	15.5	23.3



#85
Benzo(b)fluoranthene
Concen: 4.22 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.0	3.6	5.4

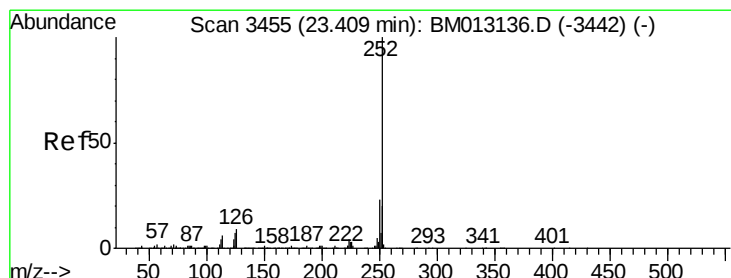
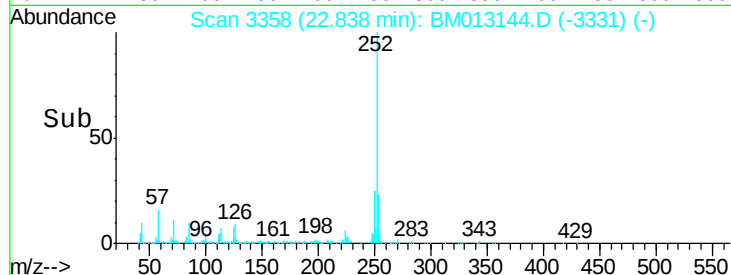
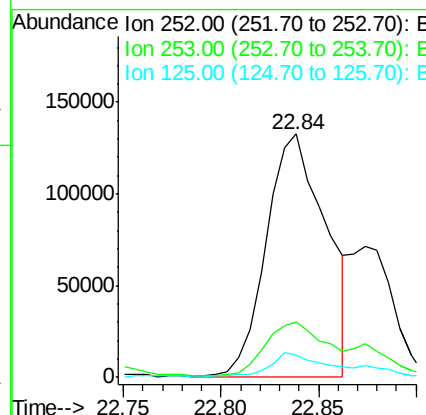
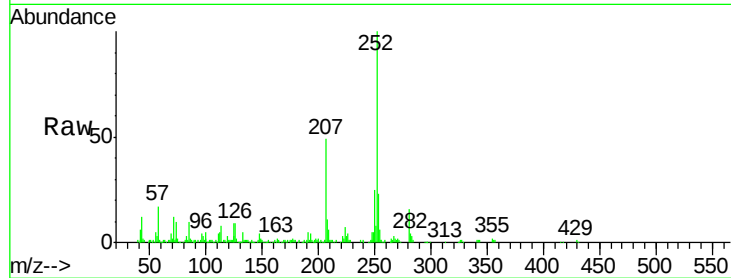




#86
Benzo(k)fluoranthene
Concen: 4.59 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

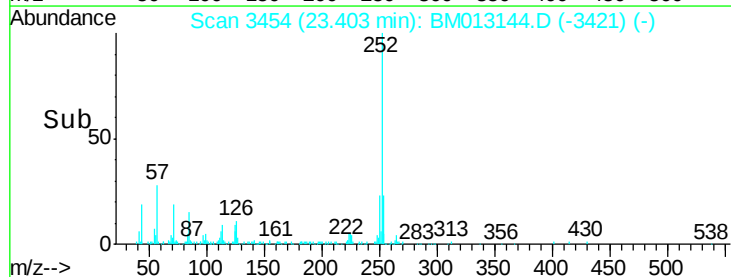
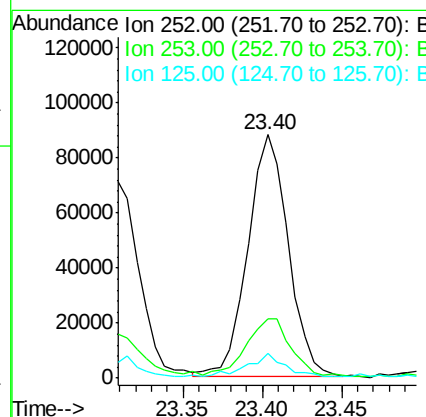
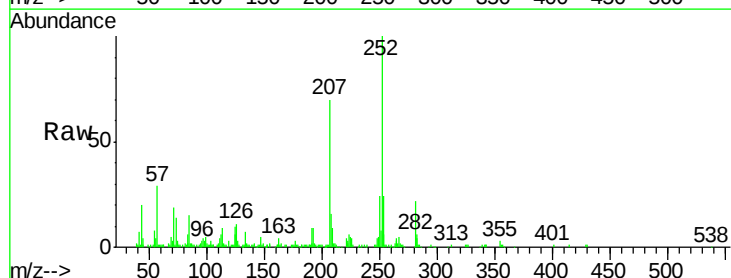
Instrument :
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ClientSampleId :
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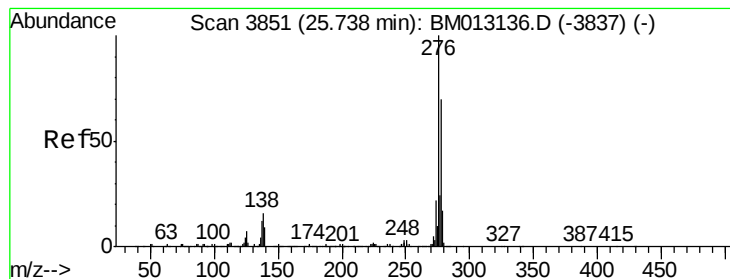
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	9.0	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 2.51 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM013144.D
Acq: 28 Nov 2017 19:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	10.0	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.44 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

Instrument :

BNA_M

ClientSampleId :

B0GE1

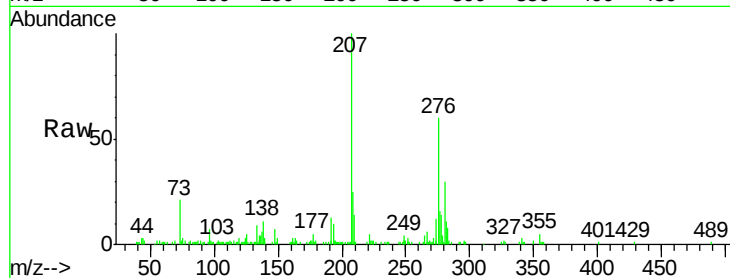
Tot Ion:276 Resp: 104013

Ion Ratio Lower Upper

276 100

138 18.8 9.3 13.9#

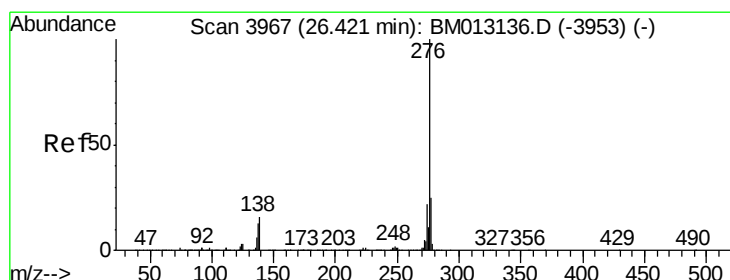
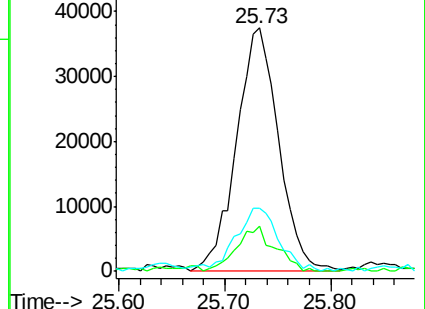
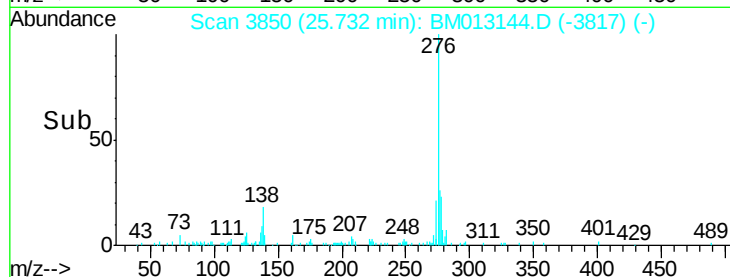
277 26.0 19.9 29.9



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



#91

Benzo(g,h,i)perylene

Concen: 1.51 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BM013144.D

Acq: 28 Nov 2017 19:44

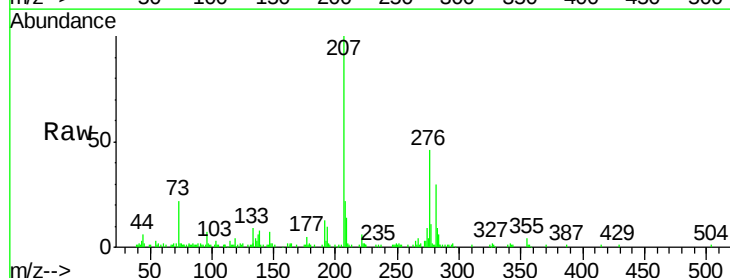
Tgt Ion:276 Resp: 90671

Ion Ratio Lower Upper

276 100

138 16.8 8.5 12.7#

277 25.0 18.6 28.0



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

