

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
 Data File : BM008424.D
 Acq On : 17 Dec 2016 22:37
 Operator : UM/SJ
 Sample : H6067-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G5

Quant Time: Dec 18 04:20:10 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 18 04:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	132661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	518254	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	338316	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	678519	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	866171	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	905303	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7970	2.83	ng/uL	0.00
5) Phenol-d5	6.86	99	121866	11.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	87669	14.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	111848	14.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	92810	11.64	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	57204	15.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	63271	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	101127	13.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	45339	5.20	ng/ul	0.02
43) Dimethylphthalate-d6	13.72	166	358216	15.93	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	440111	16.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	7502	2.26	ng/ul	0.06
57) Fluorene-d10	15.30	176	310709	15.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	37842	9.37	ng/ul	0.00
70) Anthracene-d10	17.16	188	485899	16.44	ng/ul	0.00
76) Pyrene-d10	19.46	212	570425	17.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	598525	15.74	ng/ul	0.00

Target Compounds

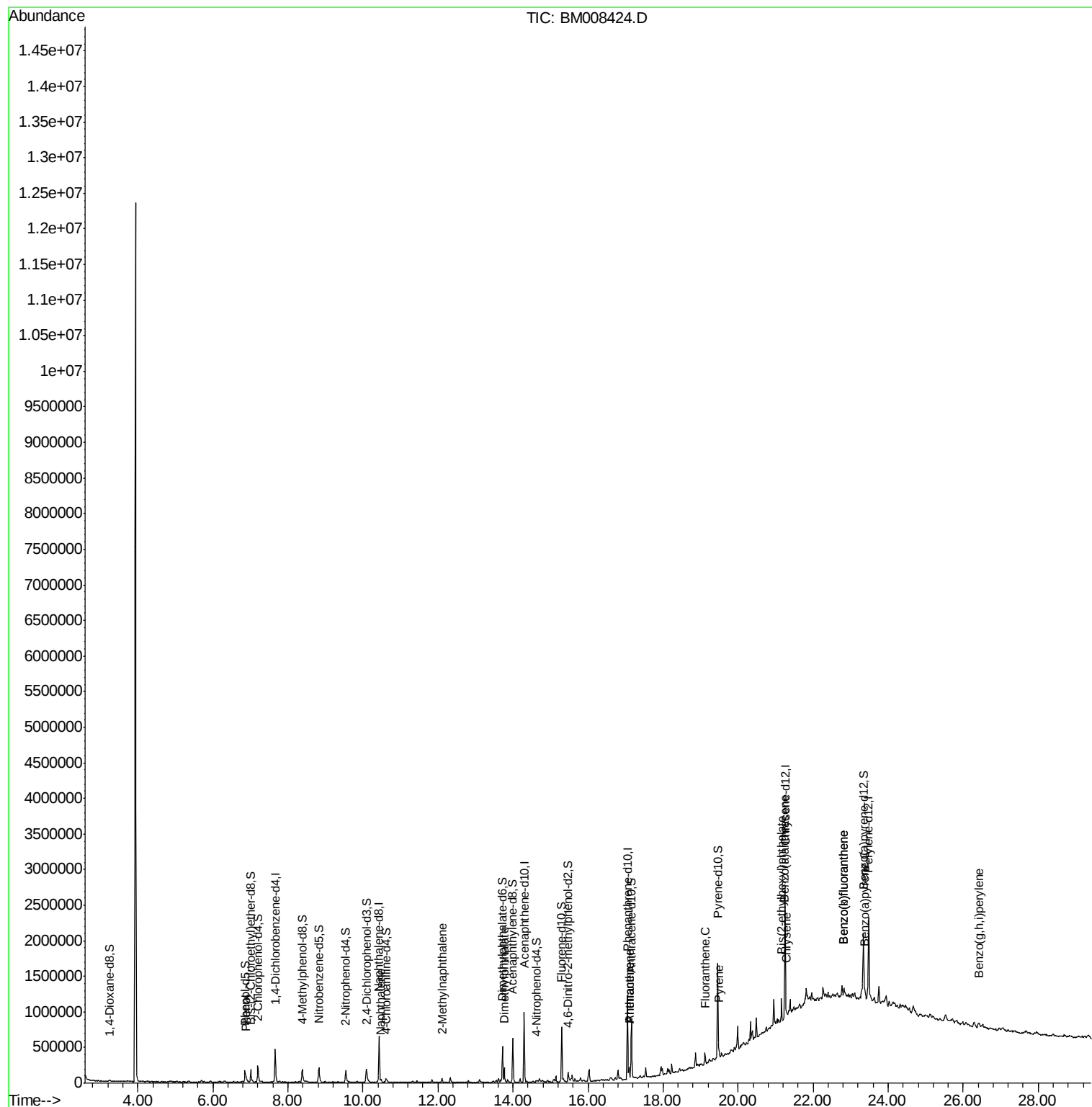
					Qvalue
6) Phenol	6.89	94	27584	2.58 ng/ul	93
28) Naphthalene	10.49	128	28660	1.17 ng/ul	97
34) 2-Methylnaphthalene	12.11	142	31653	1.79 ng/ul	100
44) Dimethylphthalate	13.77	163	108225	4.91 ng/ul	99
69) Phenanthrene	17.10	178	87760	2.52 ng/ul	97
71) Anthracene	17.10	178	87760	2.49 ng/ul	97
74) Fluoranthene	19.12	202	71768	1.68 ng/ul	98
77) Pyrene	19.49	202	89731	2.11 ng/ul	99
80) Benzo(a)anthracene	21.24	228	59289	1.32 ng/ul#	84
81) Bis(2-ethylhexyl)phthalate	21.16	149	102760	4.60 ng/ul	97
82) Chrysene	21.29	228	75726	1.76 ng/ul#	91
85) Benzo(b)fluoranthene	22.82	252	122000	2.50 ng/ul#	81
86) Benzo(k)fluoranthene	22.82	252	122000	2.61 ng/ul#	82
88) Benzo(a)pyrene	23.39	252	67995	1.44 ng/ul#	78
91) Benzo(g,h,i)perylene	26.41	276	52516	1.10 ng/ul#	93

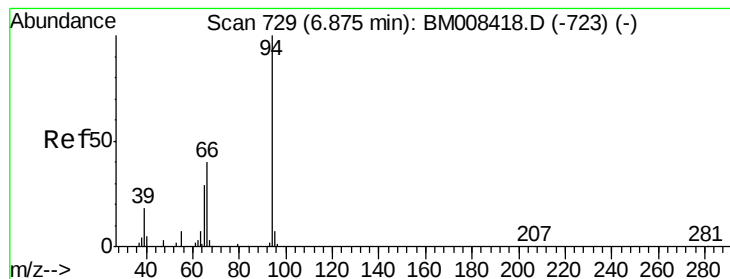
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 04:15:46 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.58 ng/ul

RT: 6.89 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

DA7G5

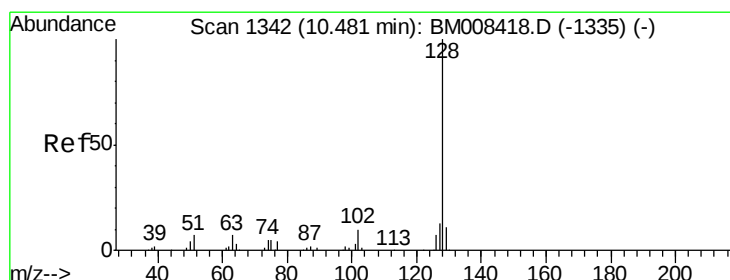
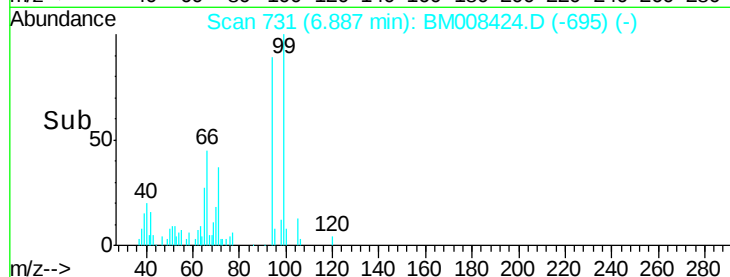
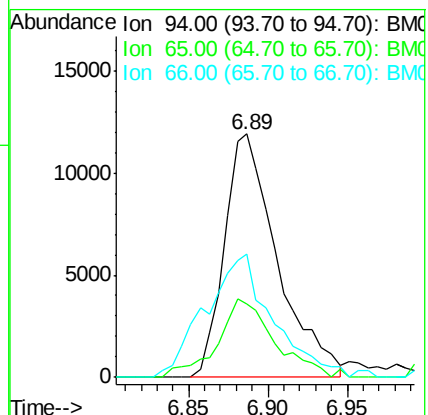
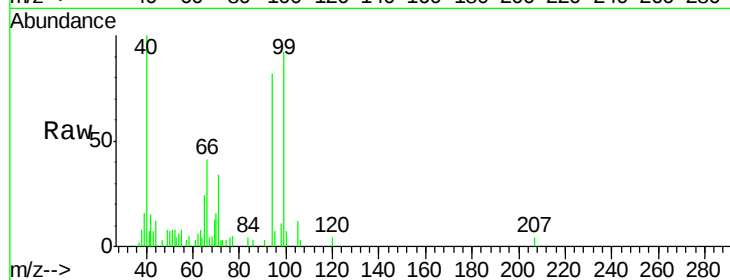
Tgt Ion: 94 Resp: 27584

Ion Ratio Lower Upper

94 100

65 30.0 22.6 34.0

66 50.8 35.8 53.8



#28

Naphthalene

Concen: 1.17 ng/ul

RT: 10.49 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

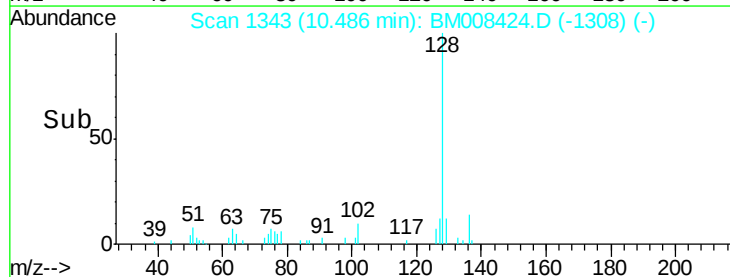
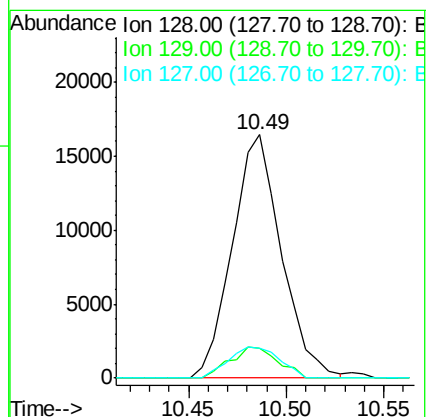
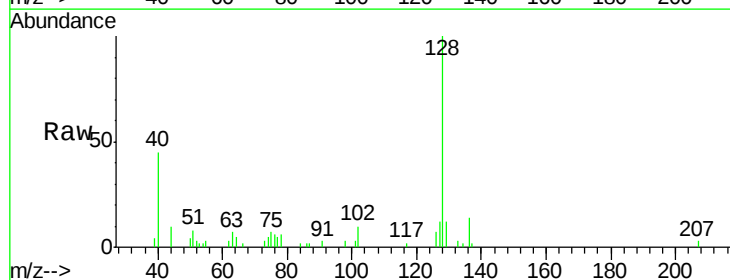
Tgt Ion: 128 Resp: 28660

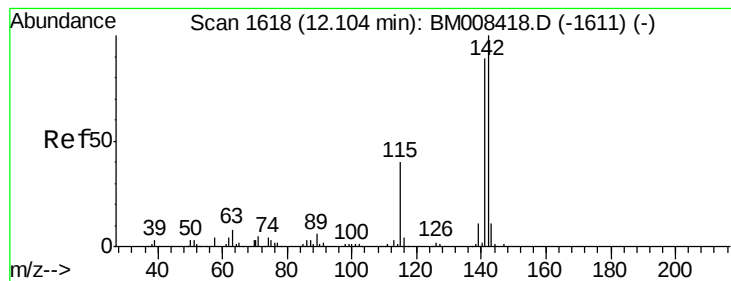
Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

127 12.3 10.4 15.6





#34

2-Methylnaphthalene

Concen: 1.79 ng/ul

RT: 12.11 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

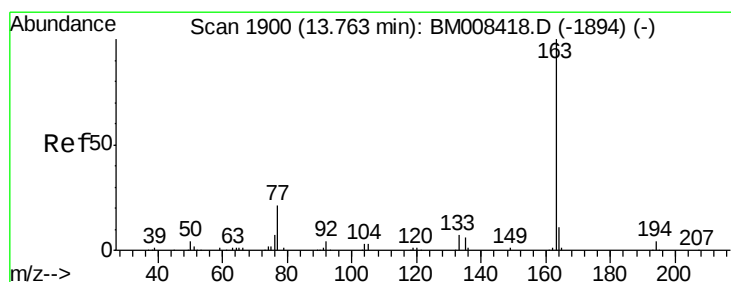
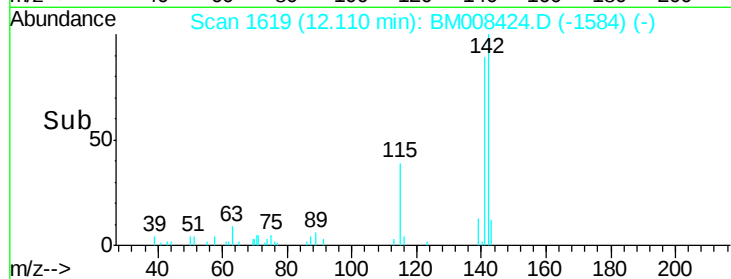
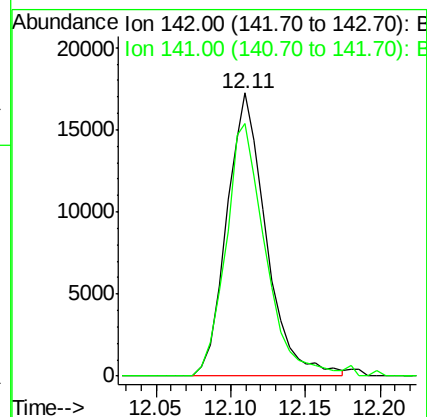
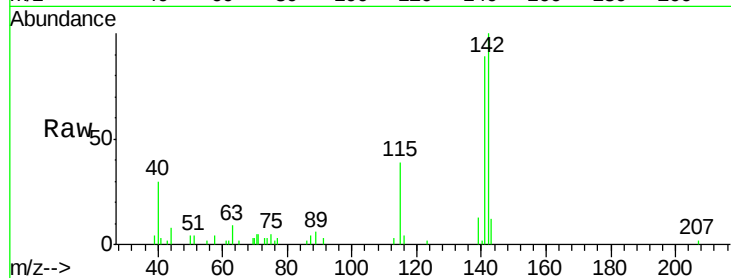
DA7G5

Tgt Ion:142 Resp: 31653

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#44

Dimethylphthalate

Concen: 4.91 ng/ul

RT: 13.77 min Scan# 1901

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

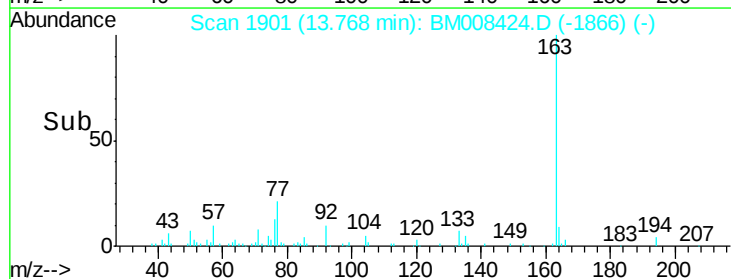
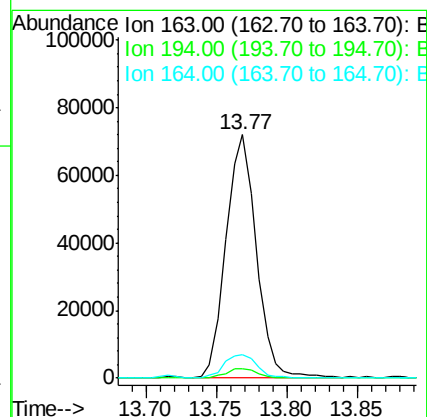
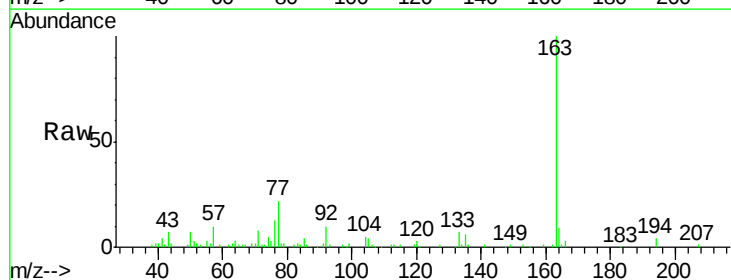
Tgt Ion:163 Resp: 108225

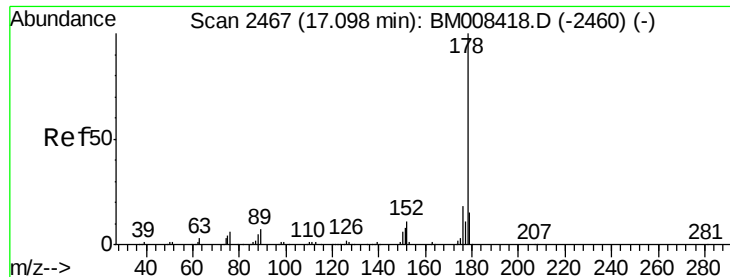
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 9.4 7.8 11.8





#69

Phenanthrene

Concen: 2.52 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.00 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

DA7G5

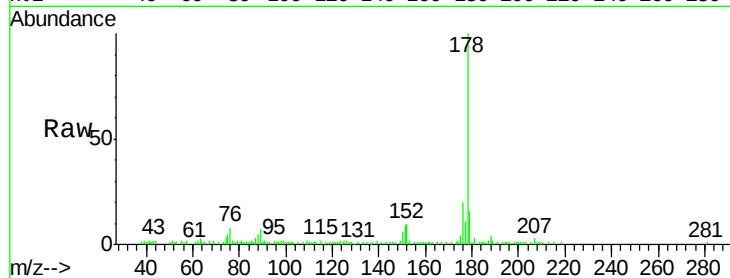
Tgt Ion:178 Resp: 87760

Ion Ratio Lower Upper

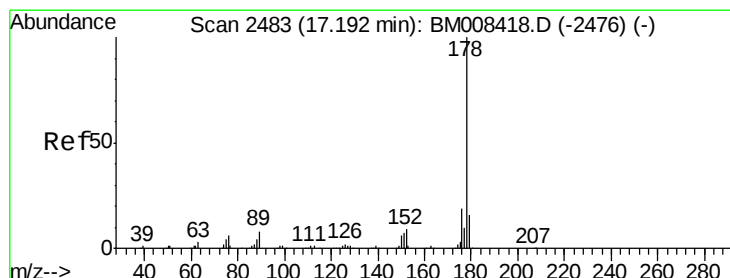
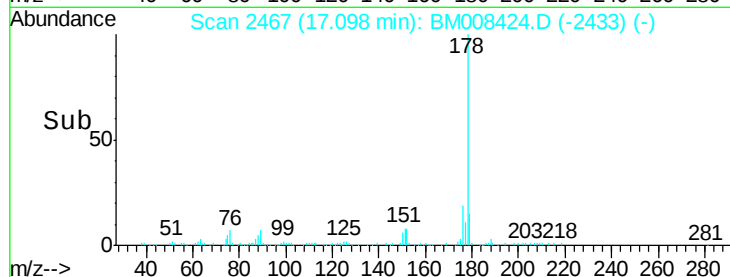
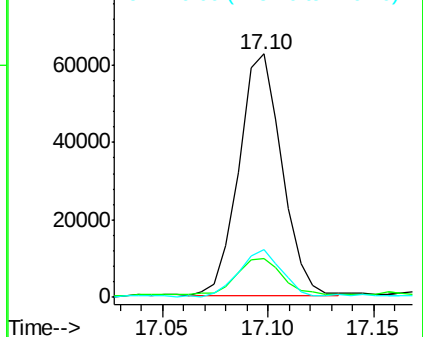
178 100

179 15.9 12.0 18.0

176 19.7 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



#71

Anthracene

Concen: 2.49 ng/ul

RT: 17.10 min Scan# 2467

Delta R.T. -0.09 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

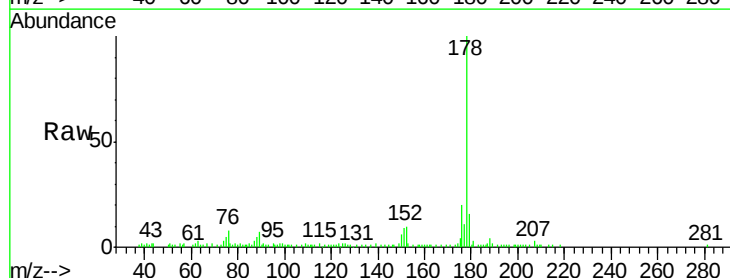
Tgt Ion:178 Resp: 87760

Ion Ratio Lower Upper

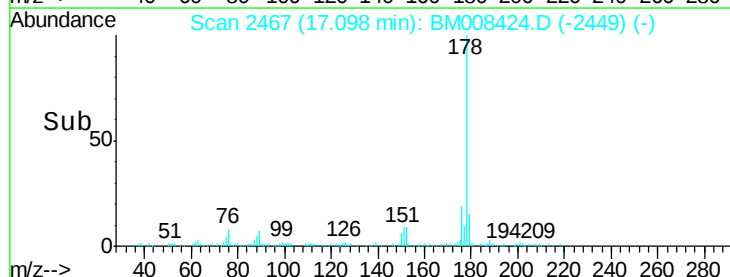
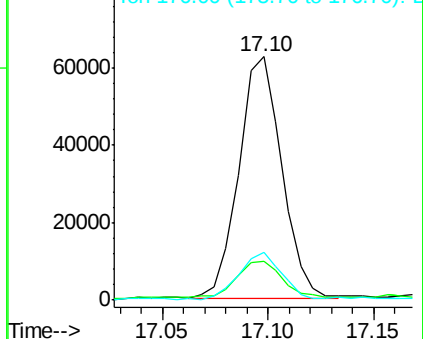
178 100

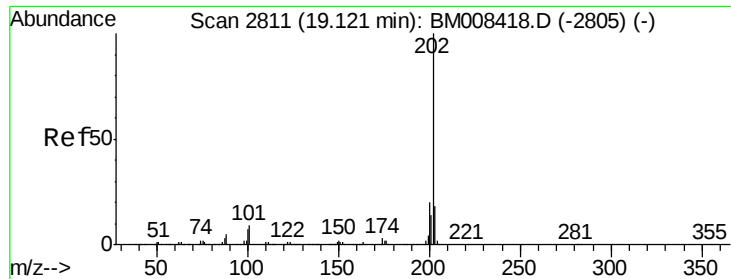
179 15.9 12.1 18.1

176 19.7 14.3 21.5



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

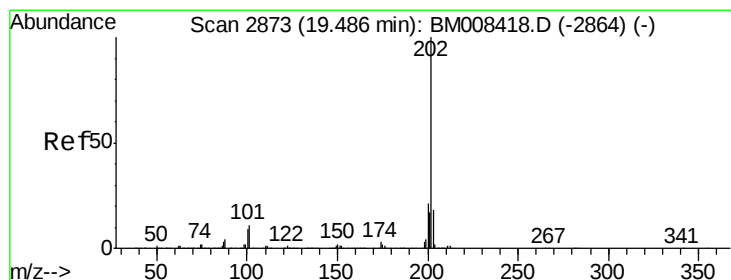
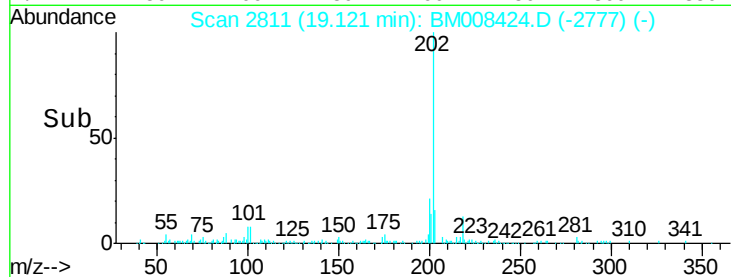
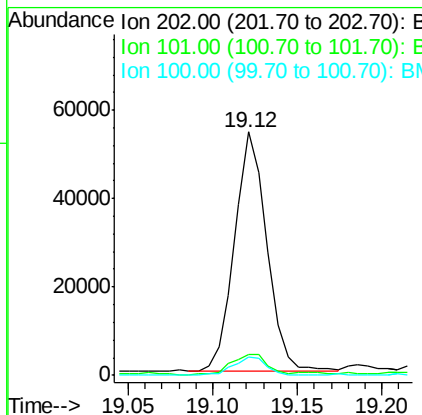
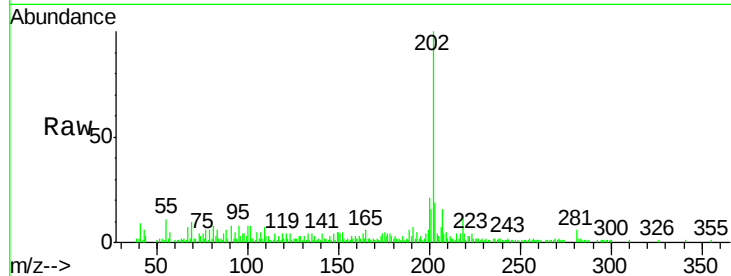




#74
Fluoranthene
Concen: 1.68 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

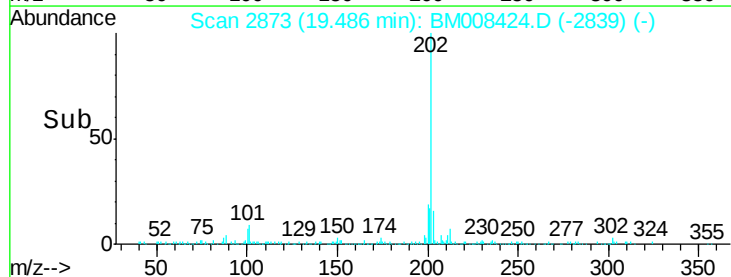
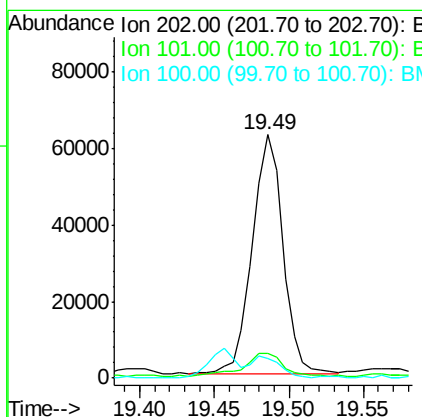
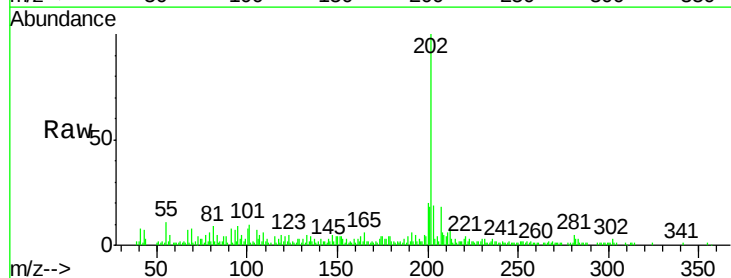
Instrument :
BNA_M
ClientSampleId :
DA7G5

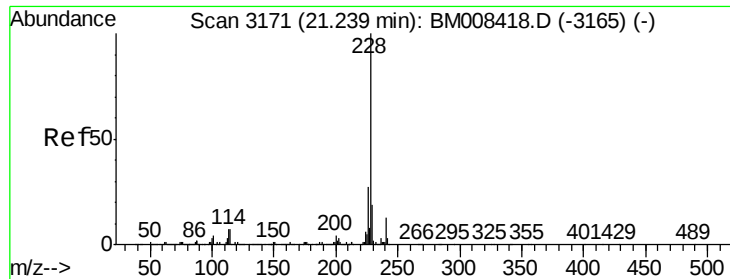
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.6	10.0
100	7.6	5.3	7.9



#77
Pyrene
Concen: 2.11 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.4
100	7.9	7.0	10.6





#80

Benzo(a)anthracene

Concen: 1.32 ng/ul

RT: 21.24 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

DA7G5

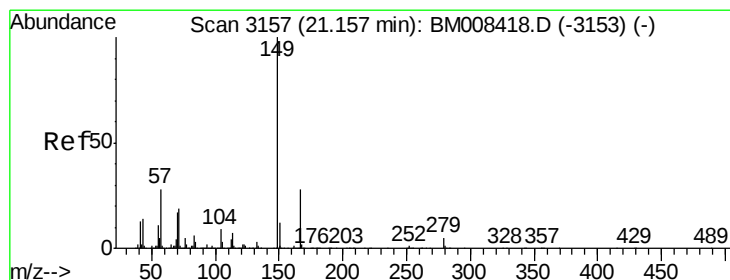
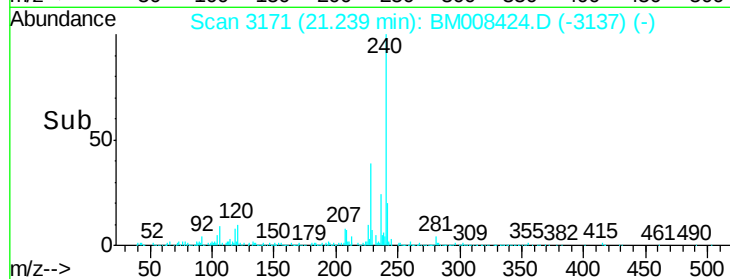
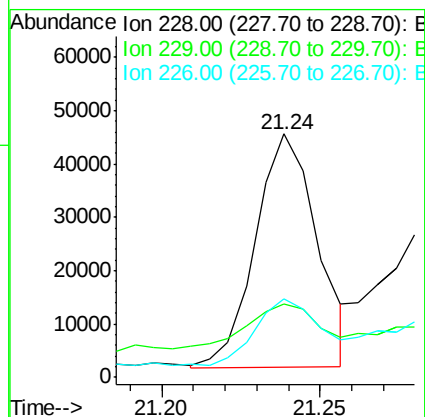
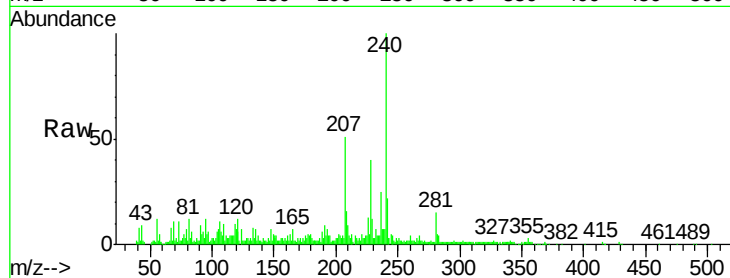
Tgt Ion:228 Resp: 59289

Ion Ratio Lower Upper

228 100

229 30.2 15.4 23.2#

226 32.1 21.2 31.8#



#81

Bis(2-ethylhexyl)phthalate

Concen: 4.60 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

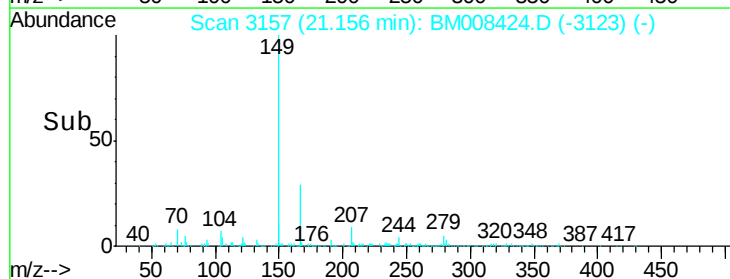
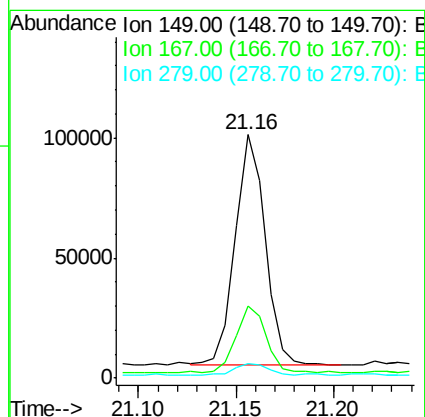
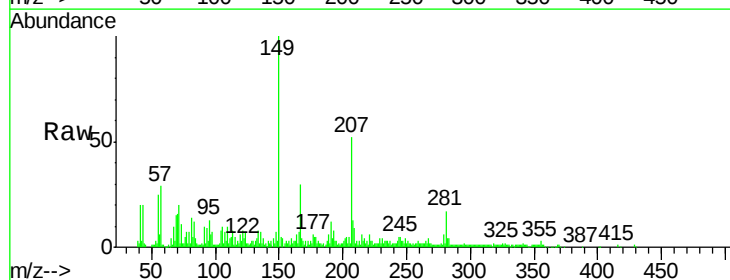
Tgt Ion:149 Resp: 102760

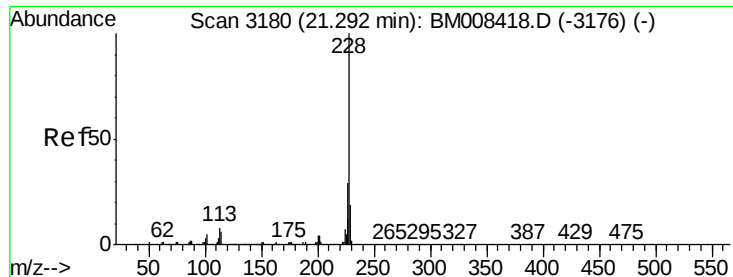
Ion Ratio Lower Upper

149 100

167 29.7 22.6 34.0

279 6.0 4.2 6.4





#82

Chrysene

Concen: 1.76 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

DA7G5

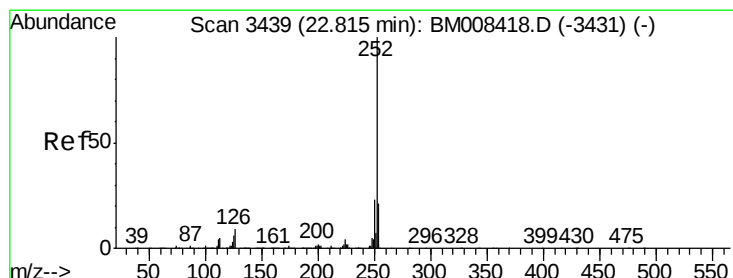
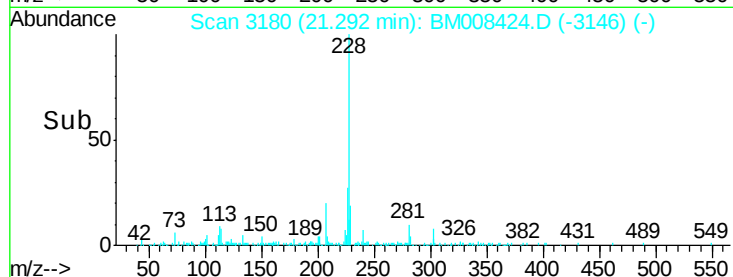
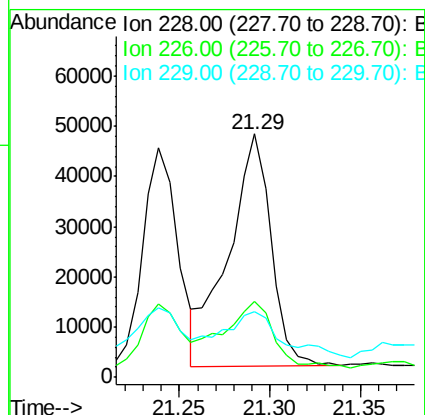
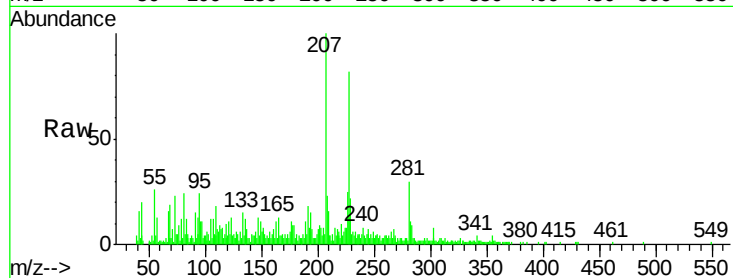
Tgt Ion:228 Resp: 75726

Ion Ratio Lower Upper

228 100

226 31.0 23.1 34.7

229 26.8 15.4 23.2#



#85

Benzo(b)fluoranthene

Concen: 2.50 ng/ul

RT: 22.82 min Scan# 3440

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

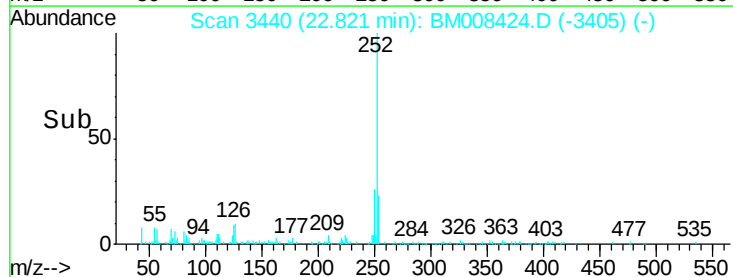
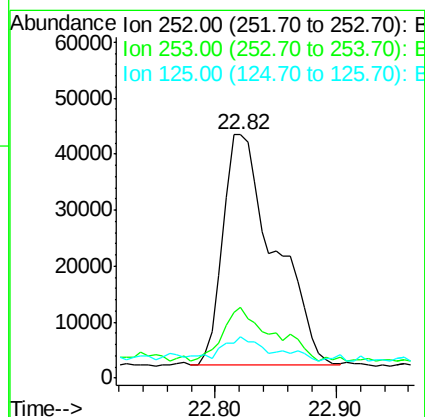
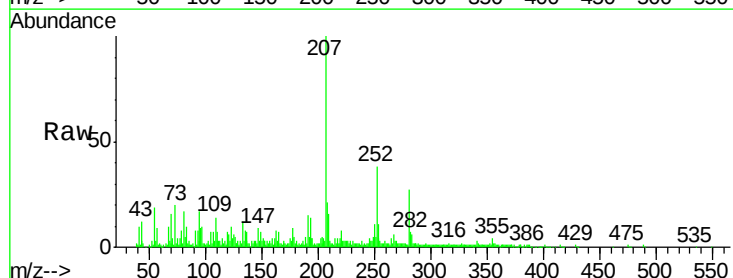
Tgt Ion:252 Resp: 122000

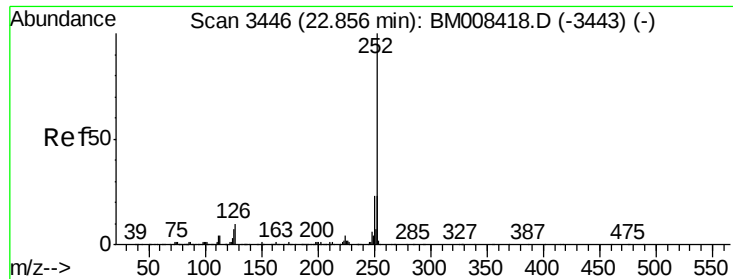
Ion Ratio Lower Upper

252 100

253 28.9 17.1 25.7#

125 16.8 5.4 8.2#

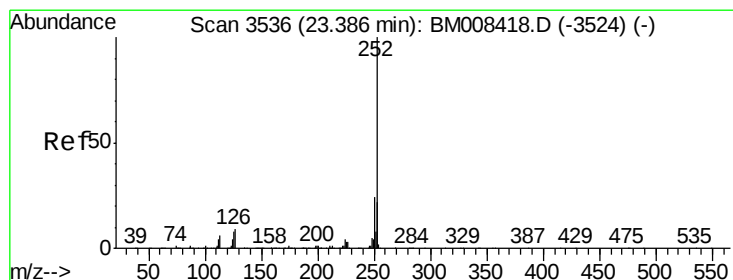
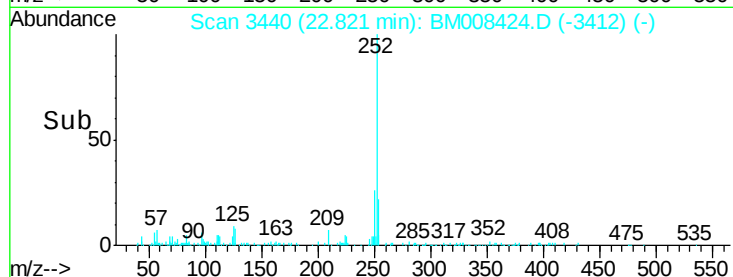
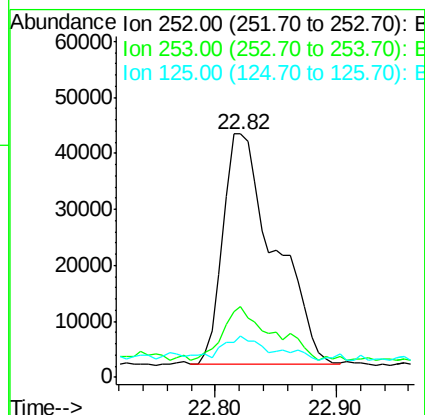
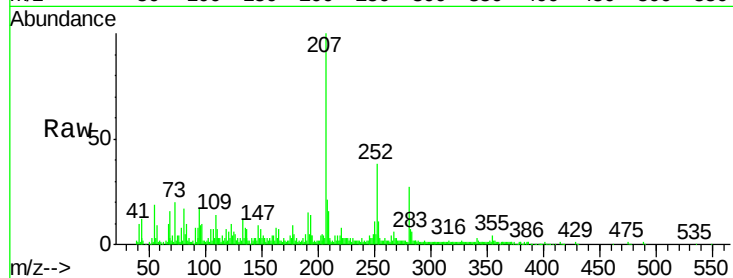




#86
Benzo(k)fluoranthene
Concen: 2.61 ng/ul
RT: 22.82 min Scan# 3440
Delta R.T. -0.04 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

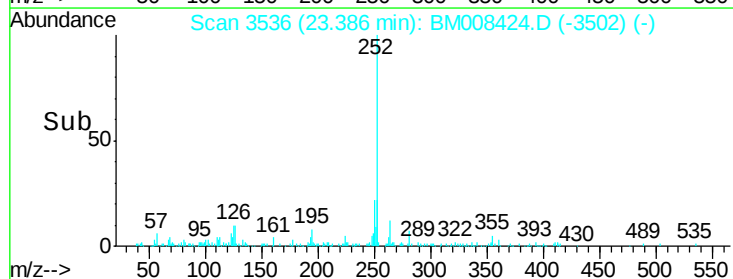
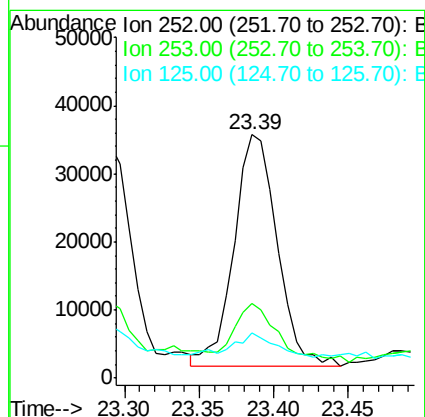
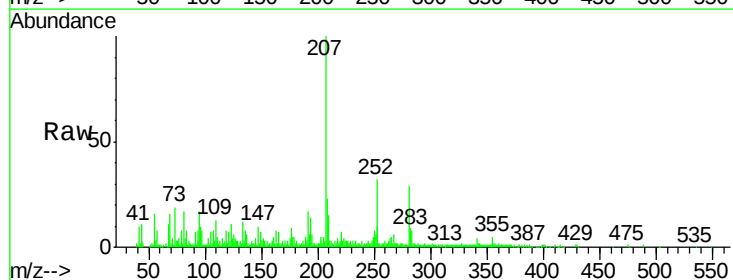
Instrument :
BNA_M
ClientSampleId :
DA7G5

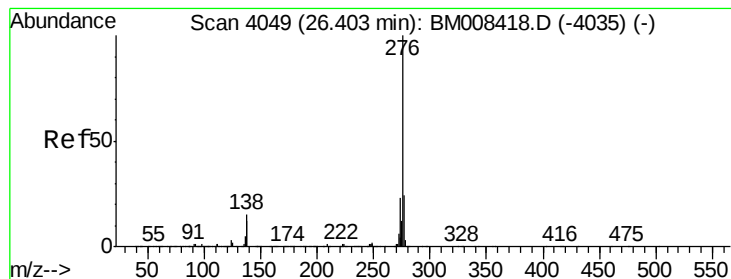
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.6	26.4#
125	16.8	5.8	8.6#



#88
Benzo(a)pyrene
Concen: 1.44 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BM008424.D
Acq: 17 Dec 2016 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.4	26.2#
125	18.6	6.6	9.8#





#91

Benzo(g,h,i)perylene

Concen: 1.10 ng/ul

RT: 26.41 min Scan# 4051

Delta R.T. 0.01 min

Lab File: BM008424.D

Acq: 17 Dec 2016 22:37

Instrument :

BNA_M

ClientSampleId :

DA7G5

Tgt Ion: 276 Resp: 52516

Ion Ratio Lower Upper

276 100

138 19.6 12.0 18.0#

277 26.6 19.4 29.0

