

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121816\
 Data File : BM008436.D
 Acq On : 18 Dec 2016 13:58
 Operator : UM/SJ
 Sample : H6067-09DL 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7G0DL

Quant Time: Dec 19 01:25:30 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 19 01:22:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	119216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	450664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	286417	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	558901	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	730104	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	757384	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1466	0.58	ng/uL	0.00
5) Phenol-d5	6.89	99	20826	2.25	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.02	67	16306	3.07	ng/ul	0.01
9) 2-Chlorophenol-d4	7.22	132	21339	3.07	ng/ul	0.02
13) 4-Methylphenol-d8	8.42	113	9198	1.28	ng/ul	0.05
19) Nitrobenzene-d5	8.86	128	8138	2.50	ng/ul	0.04
22) 2-Nitrophenol-d4	9.56	143	4144	1.15	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.16	165	4516	0.68	ng/ul	0.09
29) 4-Chloroaniline-d4	10.68	131	2813	0.37	ng/ul	0.09
43) Dimethylphthalate-d6	13.73	166	71075	3.73	ng/ul	0.02
46) Acenaphthylene-d8	14.00	160	86194	3.83	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.31	176	64081	3.87	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	771	0.23	ng/ul	0.05
70) Anthracene-d10	17.16	188	96260	3.95	ng/ul	0.01
76) Pyrene-d10	19.46	212	122892	4.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	133211	4.19	ng/ul	0.00

Target Compounds

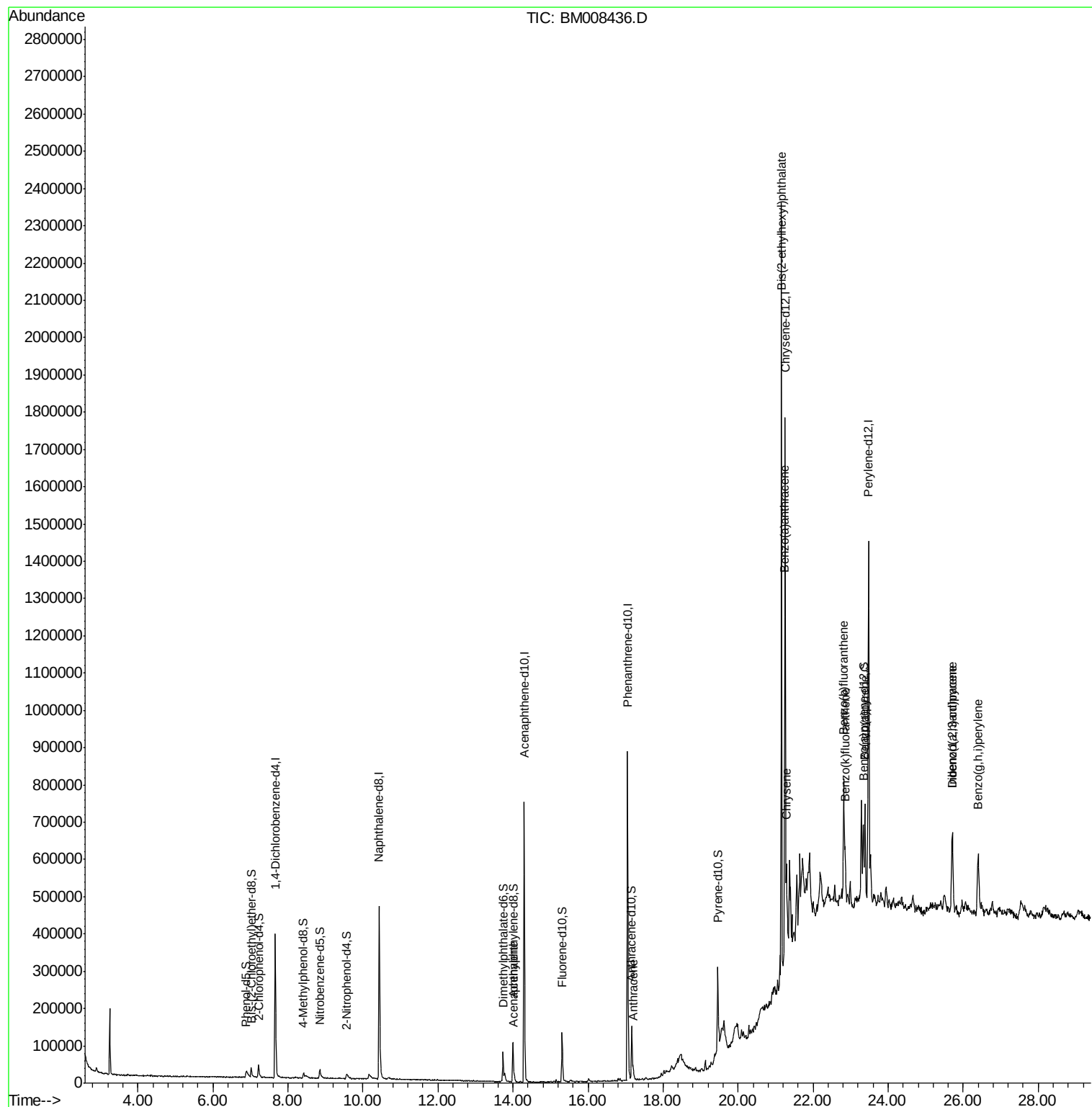
						Qvalue
47) Acenaphthylene	14.03	152	24564	1.07	ng/ul#	93
71) Anthracene	17.20	178	29426	1.01	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	49842	1.32	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.16	149	671277	35.65	ng/ul	98
82) Chrysene	21.29	228	98011	2.70	ng/ul	95
85) Benzo(b)fluoranthene	22.82	252	282439	6.91	ng/ul	97
86) Benzo(k)fluoranthene	22.86	252	83757	2.14	ng/ul	96
88) Benzo(a)pyrene	23.39	252	193478	4.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.71	276	204075	4.27	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	53697	1.34	ng/ul#	88
91) Benzo(g,h,i)perylene	26.40	276	184467	4.61	ng/ul	97

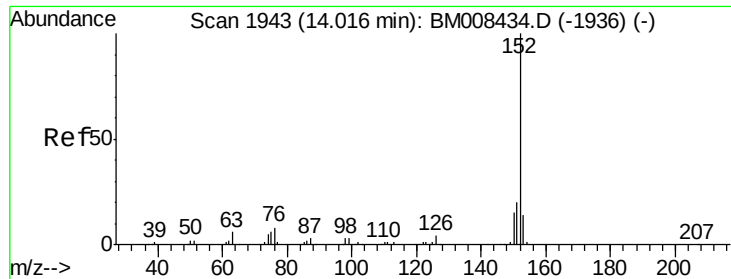
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 1.07 ng/ul

RT: 14.03 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

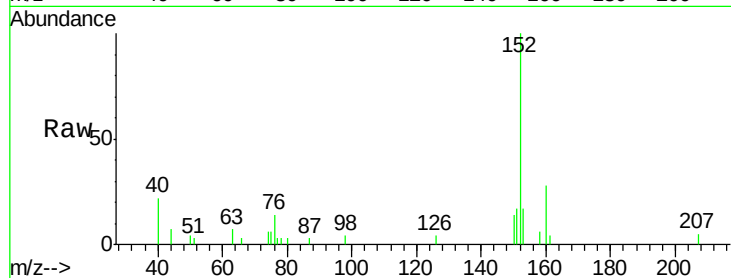
Tgt Ion:152 Resp: 24564

Ion Ratio Lower Upper

152 100

151 17.2 15.3 22.9

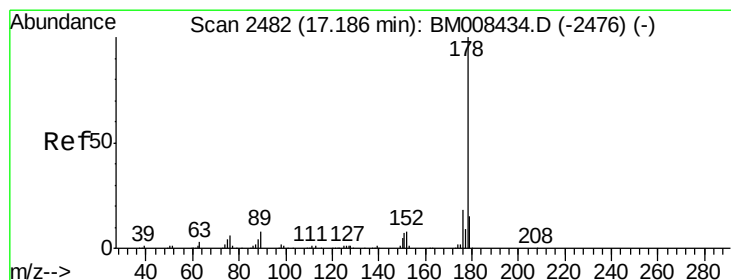
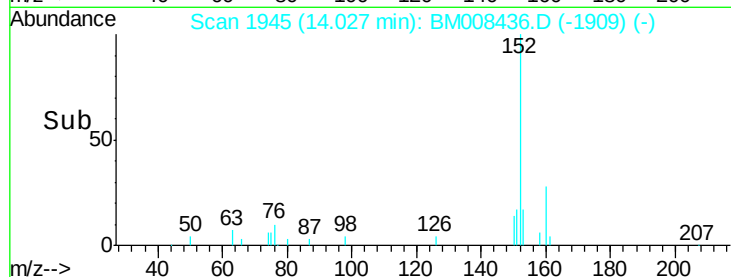
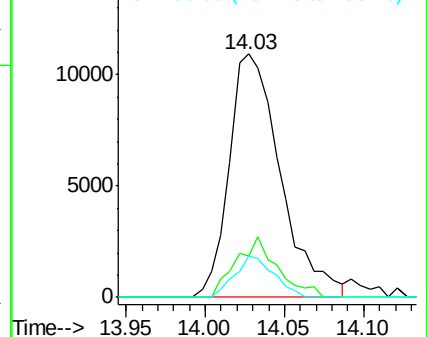
153 17.0 9.9 14.9#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#71

Anthracene

Concen: 1.01 ng/ul

RT: 17.20 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

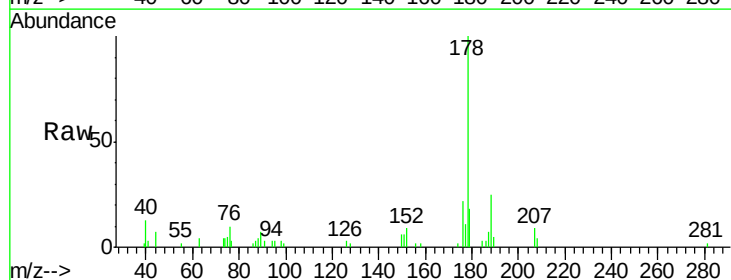
Tgt Ion:178 Resp: 29426

Ion Ratio Lower Upper

178 100

179 17.9 12.1 18.1

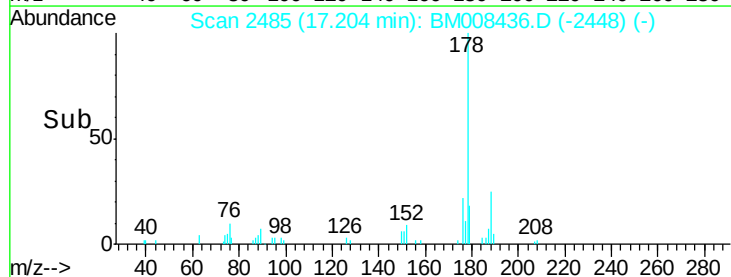
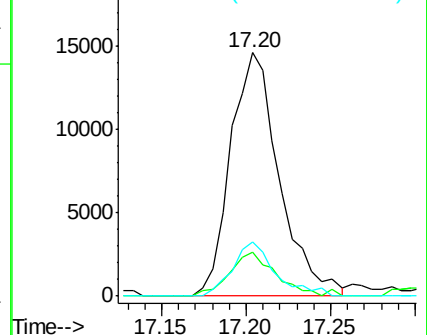
176 22.3 14.3 21.5#

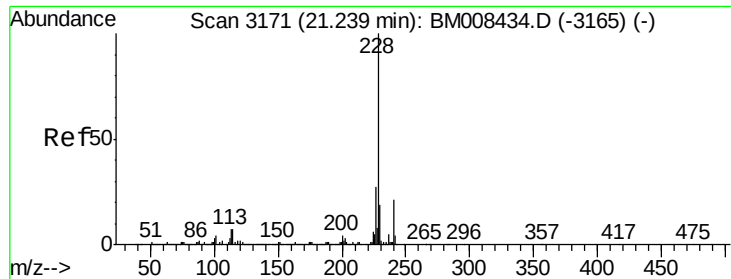


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#80

Benzo(a)anthracene

Concen: 1.32 ng/ul

RT: 21.24 min Scan# 3171

Delta R.T. -0.00 min

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Acq: 18 Dec 2016 13:58

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

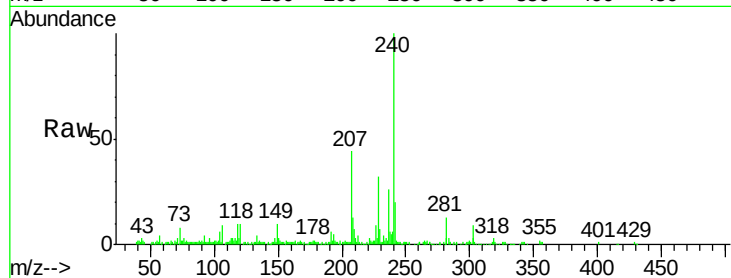
Tgt Ion:228 Resp: 49842

Ion Ratio Lower Upper

228 100

229 23.0 15.4 23.2

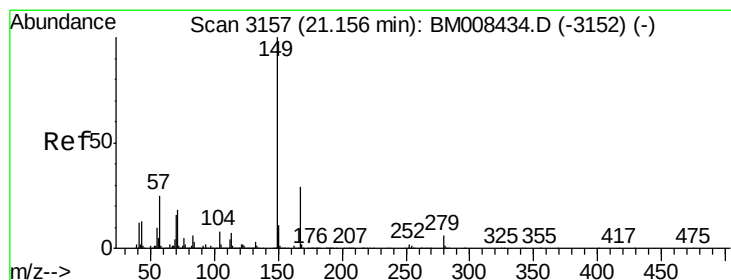
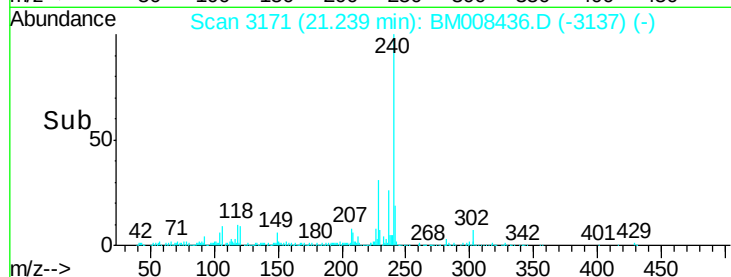
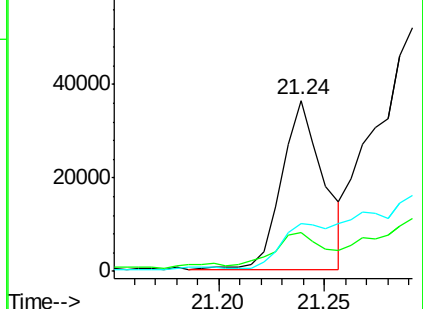
226 28.2 21.2 31.8



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: 35.65 ng/ul

RT: 21.16 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

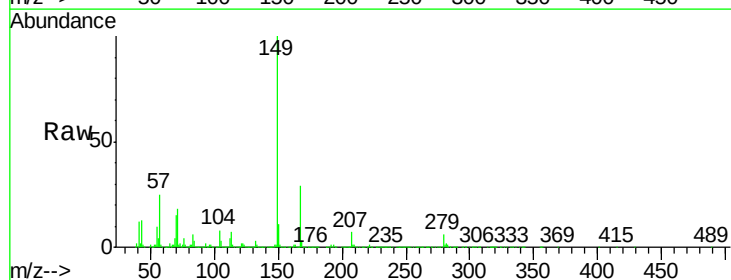
Tgt Ion:149 Resp: 671277

Ion Ratio Lower Upper

149 100

167 29.4 22.6 34.0

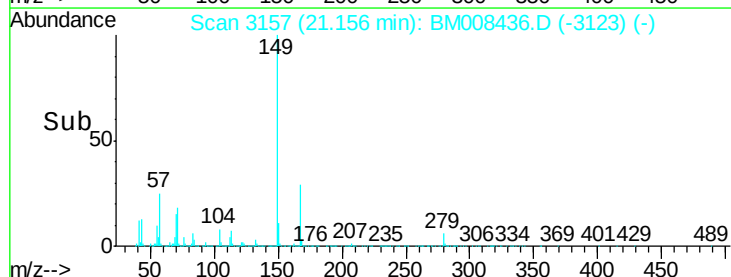
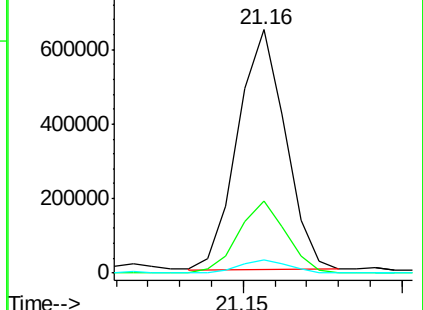
279 5.6 4.2 6.4

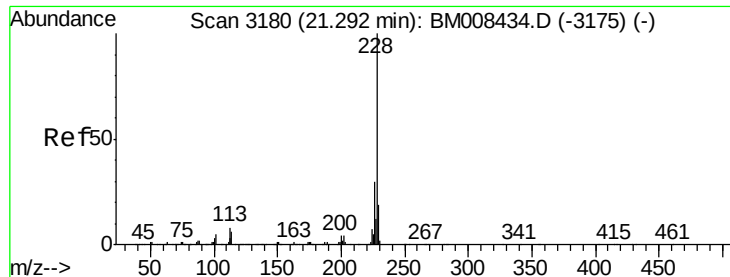


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 2.70 ng/ul

RT: 21.29 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

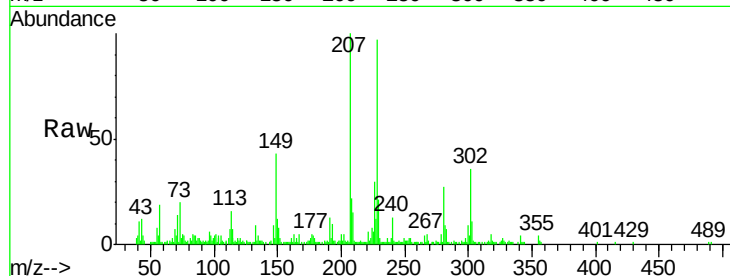
Tgt Ion:228 Resp: 98011

Ion Ratio Lower Upper

228 100

226 31.2 23.1 34.7

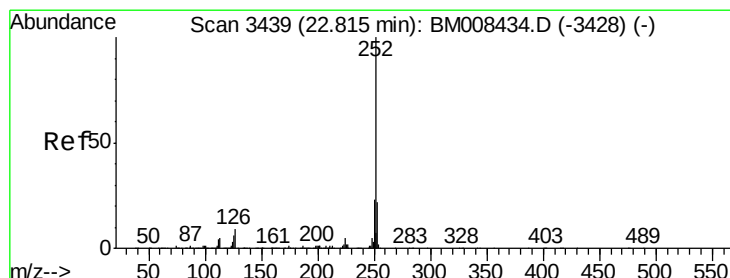
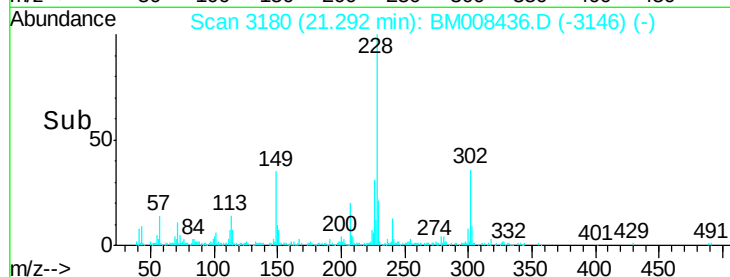
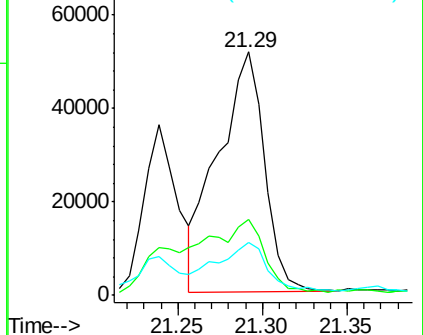
229 22.0 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 6.91 ng/ul

RT: 22.82 min Scan# 3439

Delta R.T. -0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

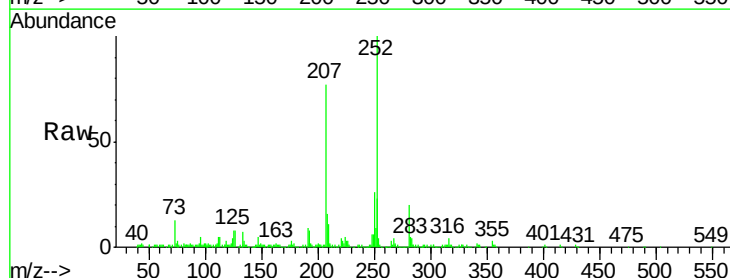
Tgt Ion:252 Resp: 282439

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

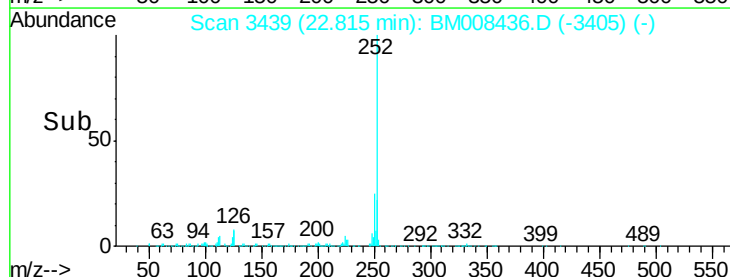
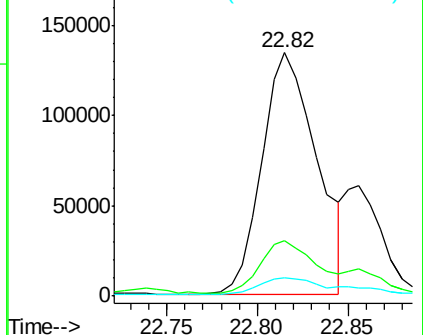
125 7.6 5.4 8.2

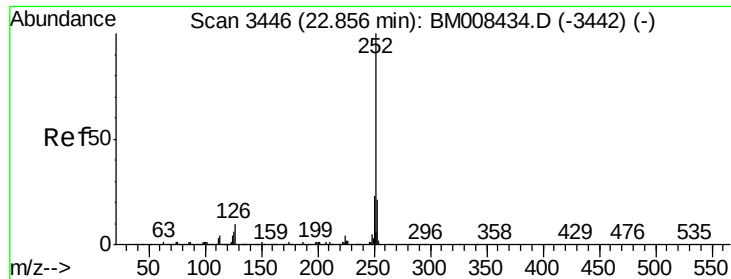


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 2.14 ng/ul

RT: 22.86 min Scan# 3446

Delta R.T. -0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

Instrument :

BNA_M

ClientSampleId :

DA7G0DL

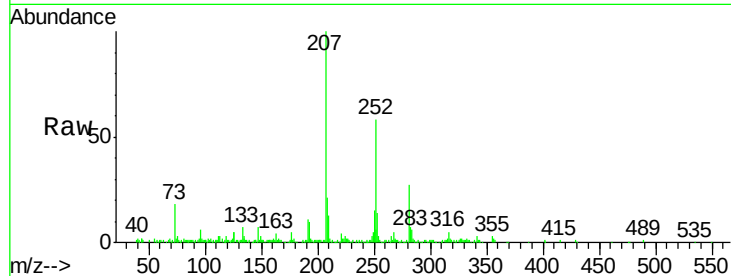
Tgt Ion:252 Resp: 83757

Ion Ratio Lower Upper

252 100

253 24.4 17.6 26.4

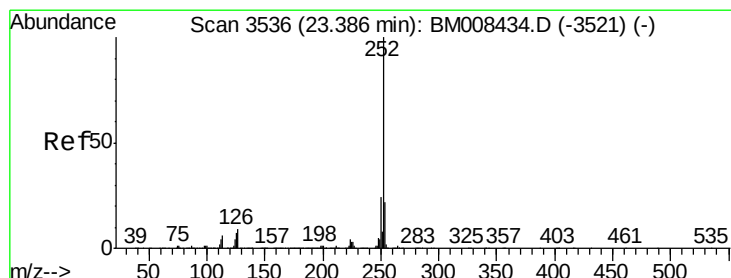
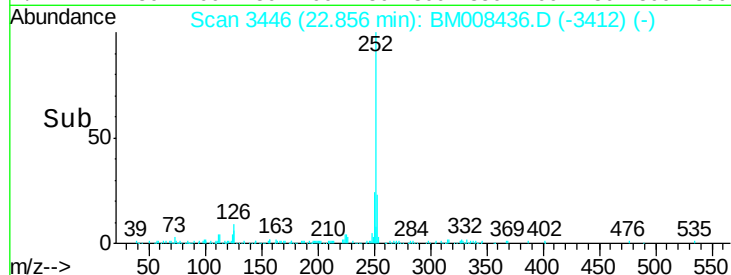
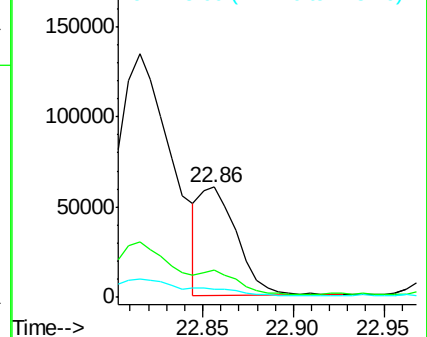
125 7.7 5.8 8.6



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: 4.91 ng/ul

RT: 23.39 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

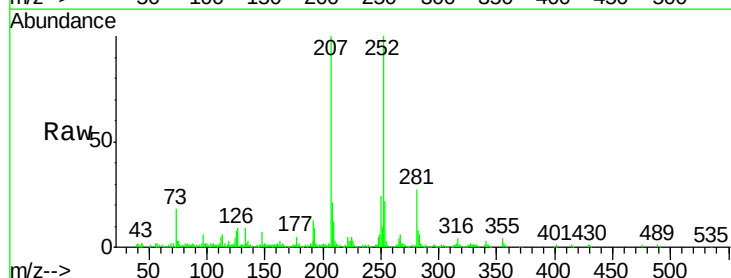
Tgt Ion:252 Resp: 193478

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

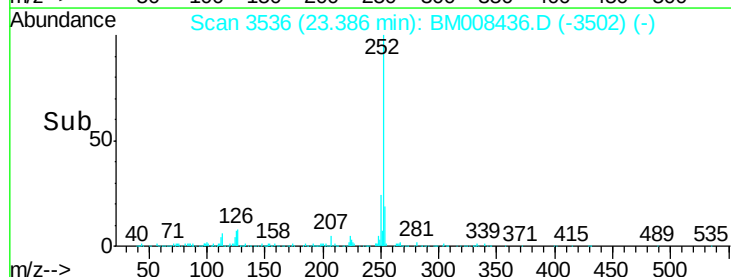
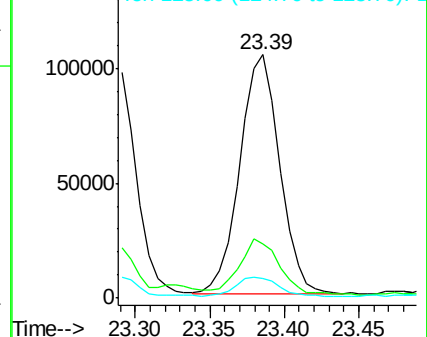
125 8.0 6.6 9.8

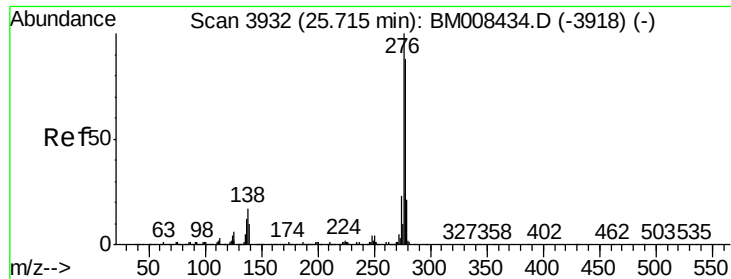


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.27 ng/ul

RT: 25.71 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

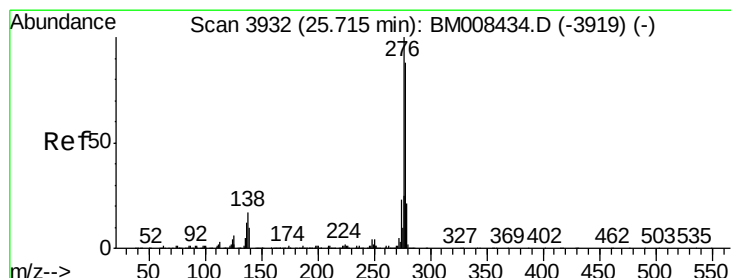
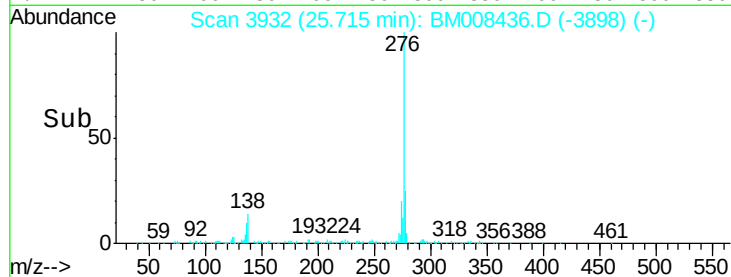
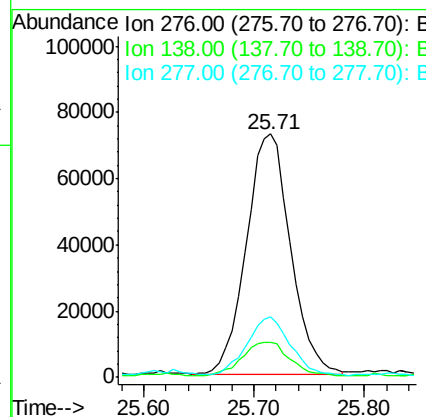
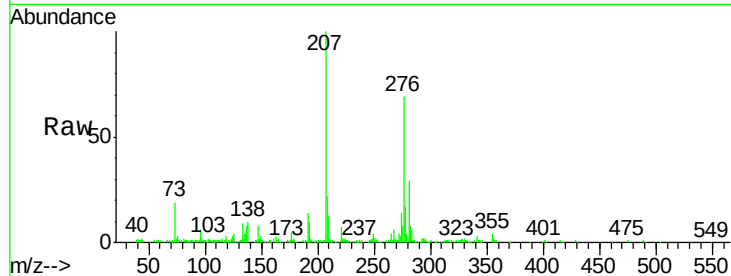
Instrument :

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Tgt Ion:	276	Resp:	204075
Ion Ratio	Lower	Upper	
276	100		
138	14.2	13.4	20.2
277	25.0	19.7	29.5



#90

Dibenzo(a,h)anthracene

Concen: 1.34 ng/ul

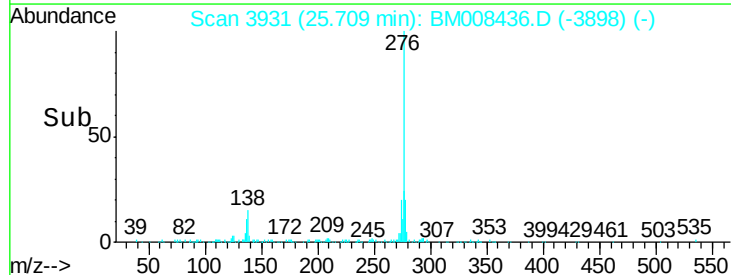
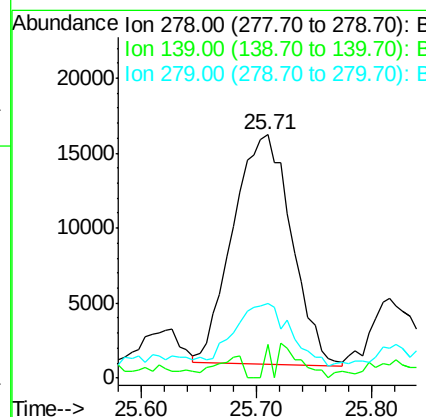
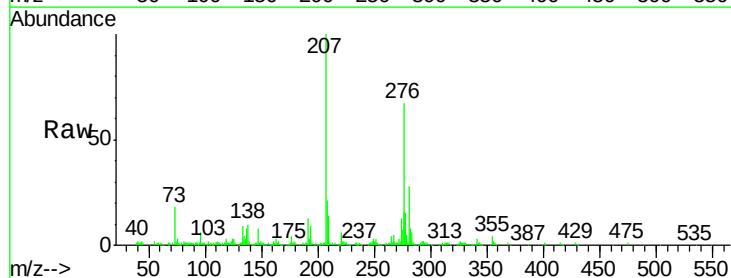
RT: 25.71 min Scan# 3931

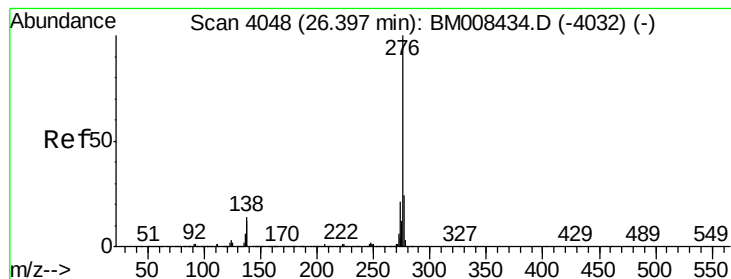
Delta R.T. -0.01 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

Tgt Ion:	278	Resp:	53697
Ion Ratio	Lower	Upper	
278	100		
139	14.0	9.4	14.0
279	30.4	18.6	28.0





#91

Benzo(g,h,i)perylene

Concen: 4.61 ng/ul

RT: 26.40 min Scan# 4048

Delta R.T. 0.00 min

Lab File: BM008436.D

Acq: 18 Dec 2016 13:58

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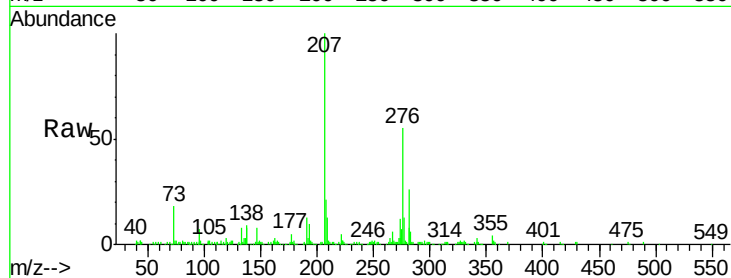
Tgt Ion: 276 Resp: 184467

Ion Ratio Lower Upper

276 100

138 16.9 12.0 18.0

277 23.6 19.4 29.0



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

