

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013357.D
 Acq On : 13 Dec 2017 01:58
 Operator : SJ/JU
 Sample : I6776-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A53

Quant Time: Dec 13 04:37:27 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	90786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	415587	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	272631	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	736076	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1102721	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1151442	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7499	4.09	ng/uL	0.00
5) Phenol-d5	6.86	99	152422	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	85138	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	122013	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	126006	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	68297	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	68986	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	139212	19.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	116934	17.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	490397	20.21	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	614428	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	75731	17.97	ng/ul	0.00
57) Fluorene-d10	15.32	176	452474	21.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	62258	13.45	ng/ul	0.00
70) Anthracene-d10	17.17	188	801026	21.73	ng/ul	0.00
76) Pyrene-d10	19.47	212	1067819	19.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1255208	21.40	ng/ul	0.00

Target Compounds

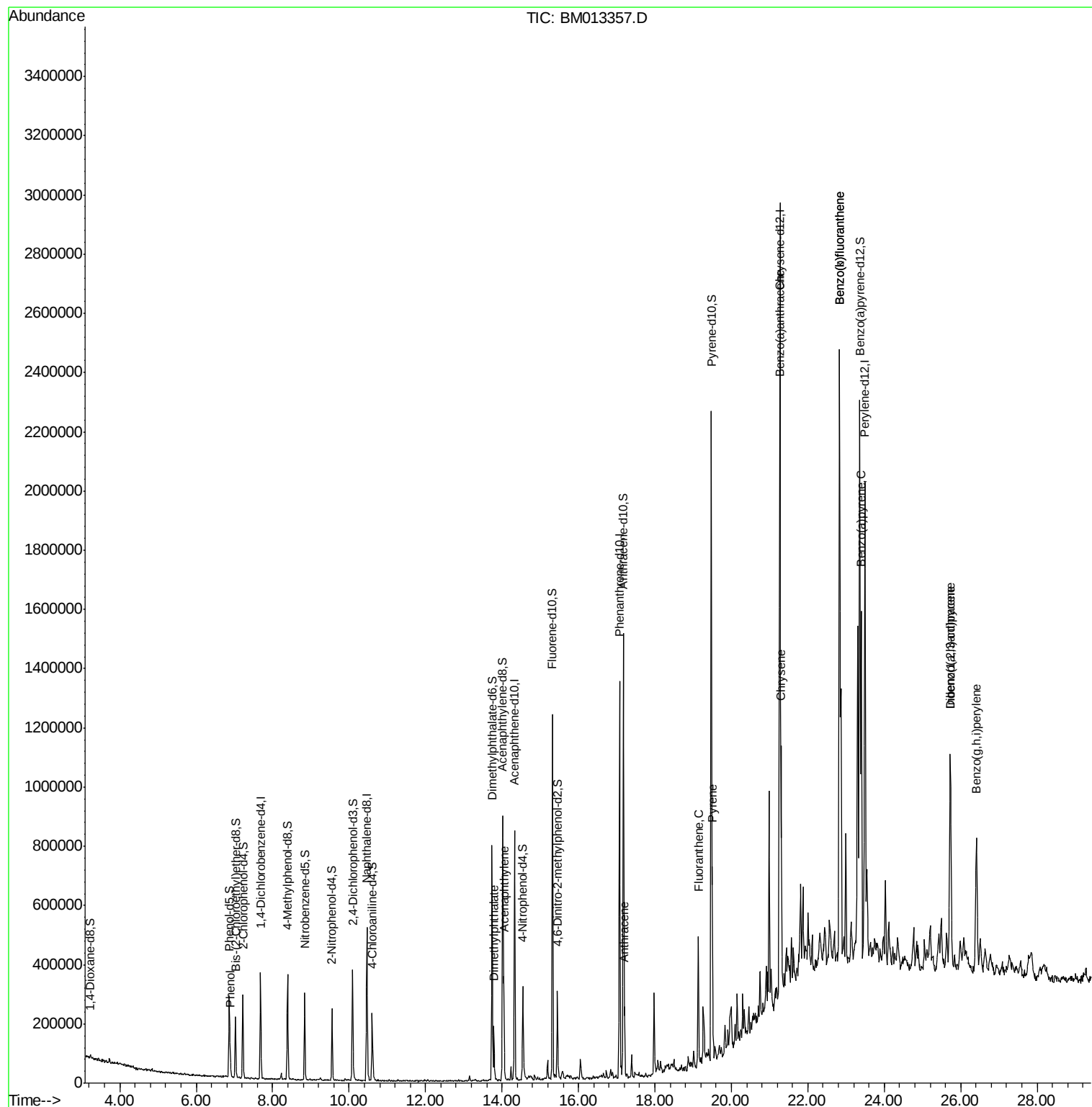
					Ovalue	
6) Phenol	6.89	94	30334	3.907	ng/ul#	83
44) Dimethylphthalate	13.79	163	93819	4.043	ng/ul	99
47) Acenaphthylene	14.04	152	235761	8.510	ng/ul	99
71) Anthracene	17.21	178	146875	3.436	ng/ul	99
74) Fluoranthene	19.14	202	230026	4.489	ng/ul#	89
77) Pyrene	19.50	202	374141	5.585	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	447200	6.392	ng/ul	95
82) Chrysene	21.30	228	413615	6.372	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1536059	19.789	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	1536059	21.029	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	780620	11.195	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	698273	10.093	ng/ul	98
90) Dibenzo(a,h)anthracene	25.73	278	192615	3.270	ng/ul#	93
91) Benzo(g,h,i)perylene	26.41	276	559061	10.245	ng/ul#	93

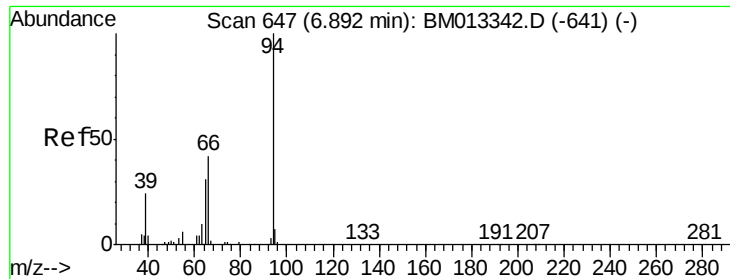
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.907 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampleId :

F9A53

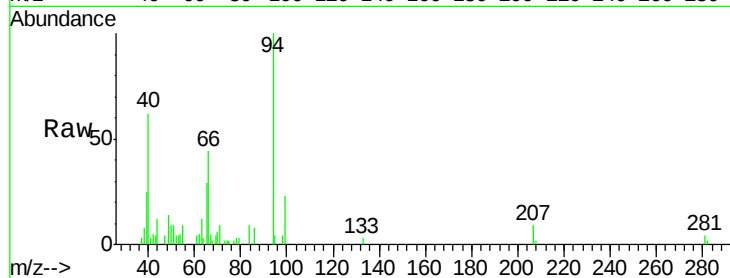
Tot Ion: 94 Resp: 30334

Ion Ratio Lower Upper

94 100

65 29.3 28.2 42.4

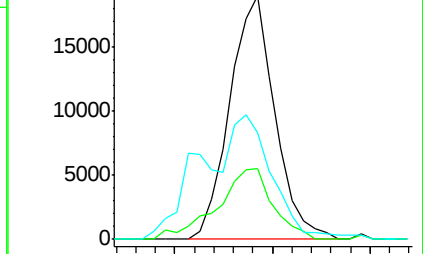
66 43.8 47.2 70.8#



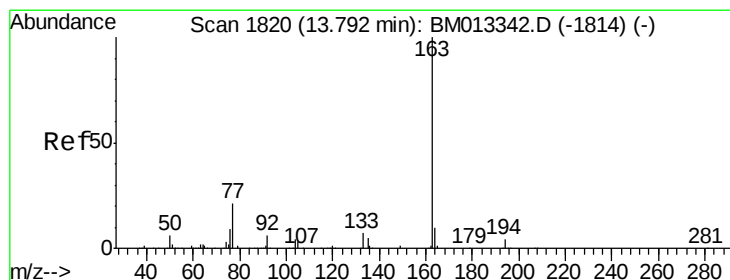
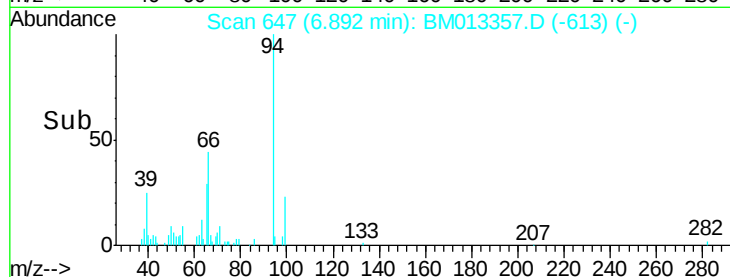
Abundance Ion 94.00 (93.70 to 94.70): BM013342.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013342.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013342.D (-641) (-)



Time-->



#44

Dimethylphthalate

Concen: 4.043 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

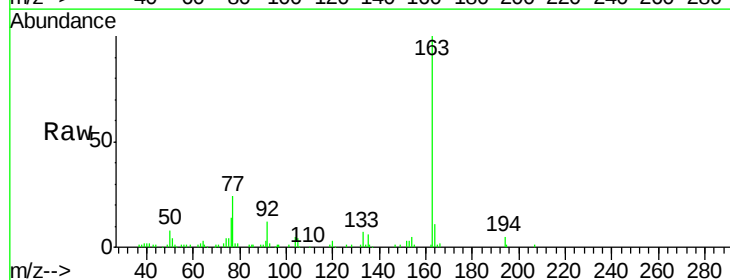
Tgt Ion: 163 Resp: 93819

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

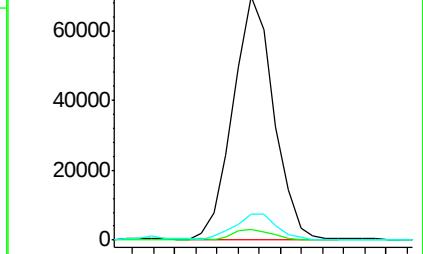
164 10.6 8.2 12.4



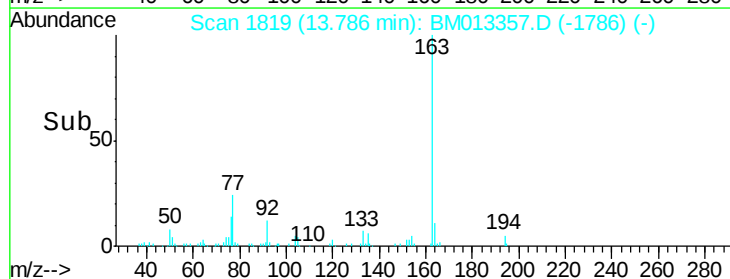
Abundance Ion 163.00 (162.70 to 163.70): BM013342.D (-1814) (-)

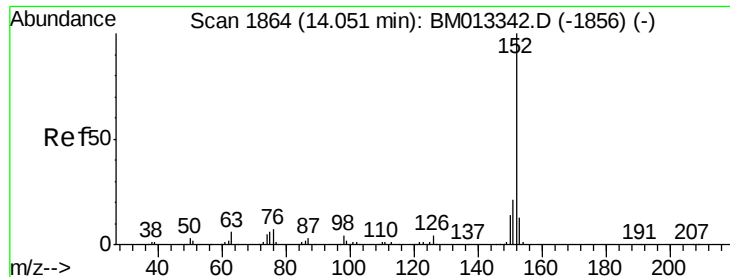
Ion 194.00 (193.70 to 194.70): BM013342.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM013342.D (-1814) (-)



Time-->





#47

Acenaphthylene

Concen: 8.510 ng/ul

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

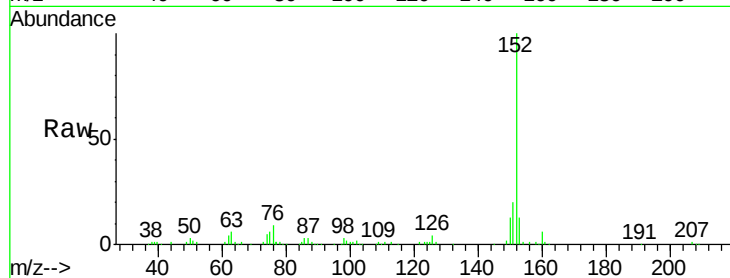
BNA_M

ClientSampleId :

F9A53

Tot Ion:152 Resp: 235761

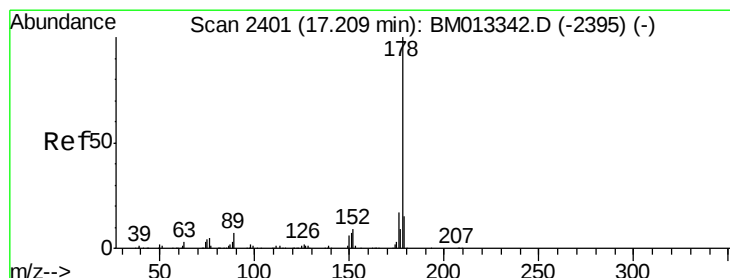
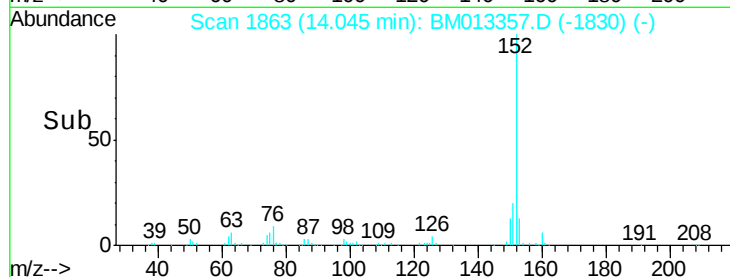
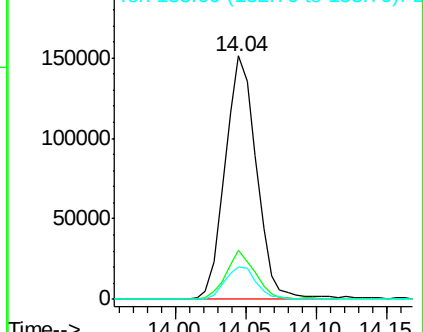
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.3	10.2	15.4



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: 3.436 ng/ul

RT: 17.21 min Scan# 2401

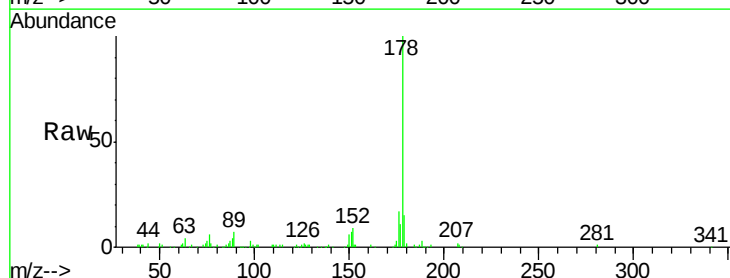
Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Tgt Ion:178 Resp: 146875

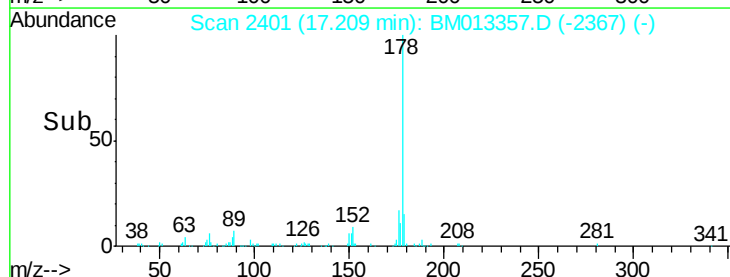
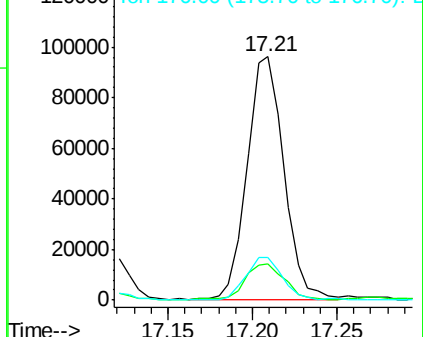
Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	17.4	14.6	21.8

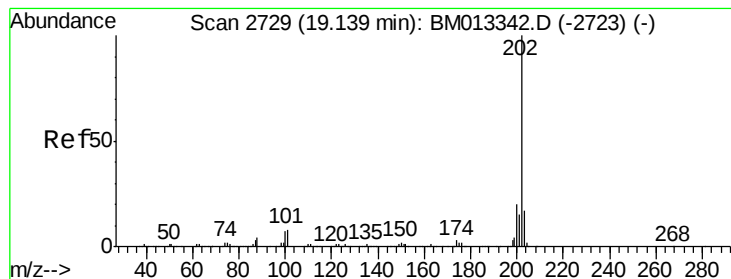


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.489 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampleId :

F9A53

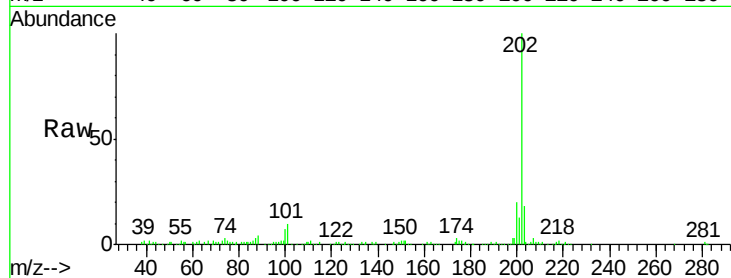
Tot Ion:202 Resp: 230026

Ion Ratio Lower Upper

202 100

101 9.7 4.6 7.0#

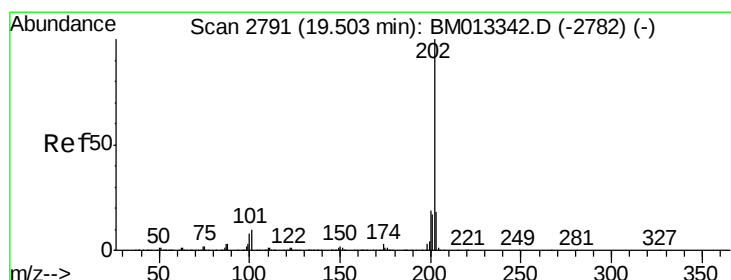
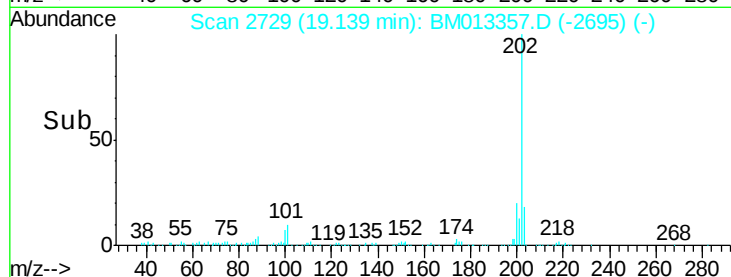
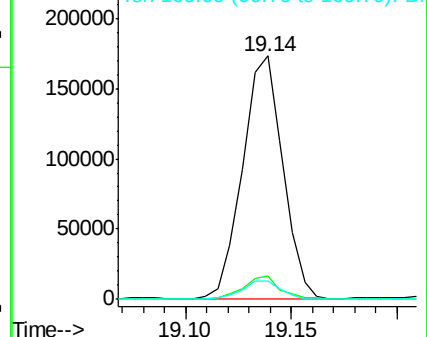
100 7.3 3.4 5.2#



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: 5.585 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

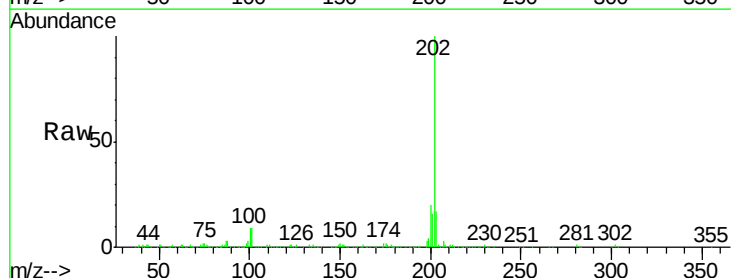
Tgt Ion:202 Resp: 374141

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

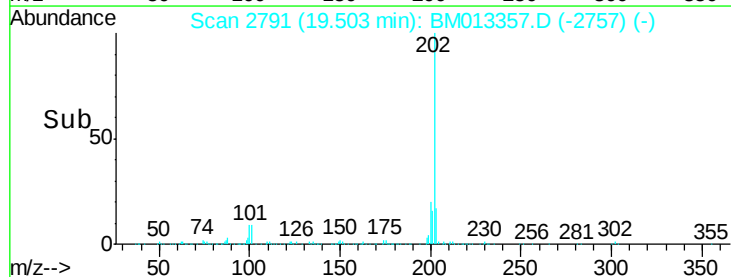
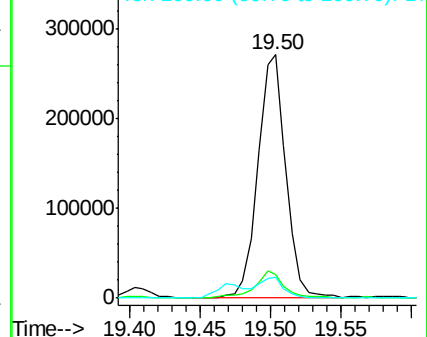
100 8.6 4.9 7.3#

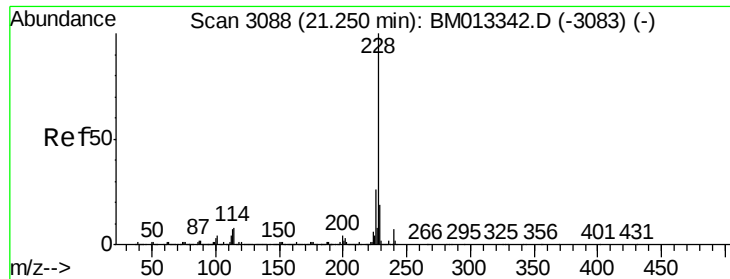


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 6.392 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampleId :

F9A53

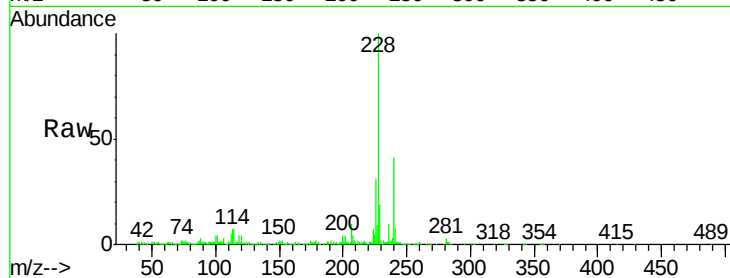
Tot Ion:228 Resp: 447200

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.0
226	30.9	21.4	32.0

228 100

229 19.3 15.4 23.0

226 30.9 21.4 32.0

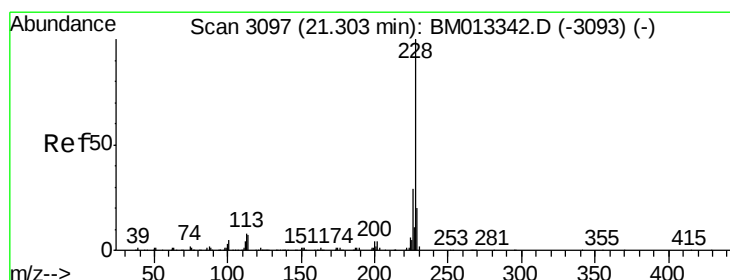
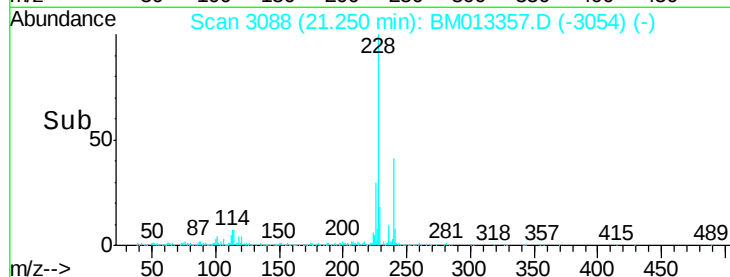
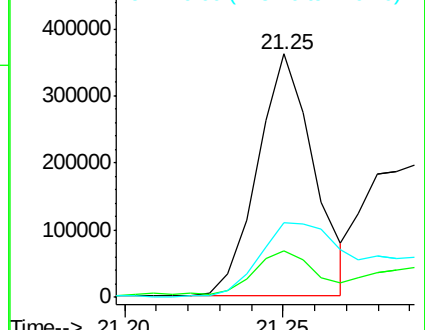


Abundance

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: 6.372 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

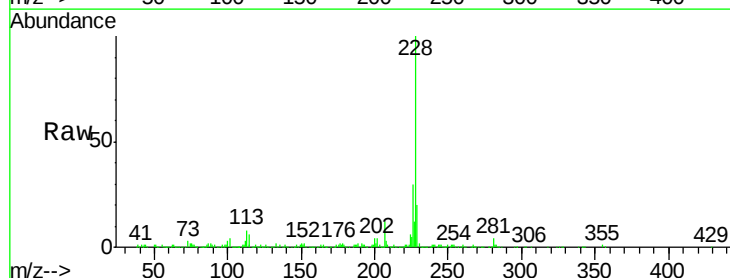
Tgt Ion:228 Resp: 413615

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	20.2	15.5	23.3

228 100

226 30.1 23.4 35.2

229 20.2 15.5 23.3

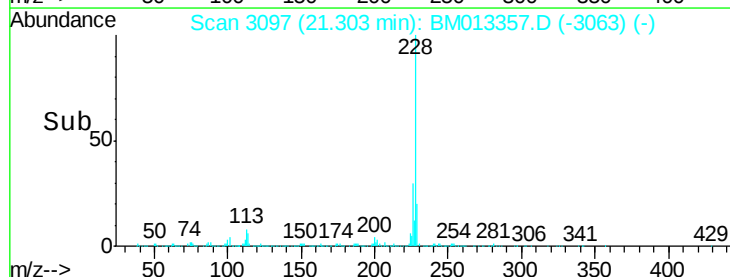
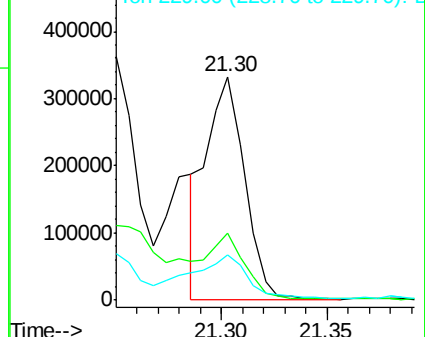


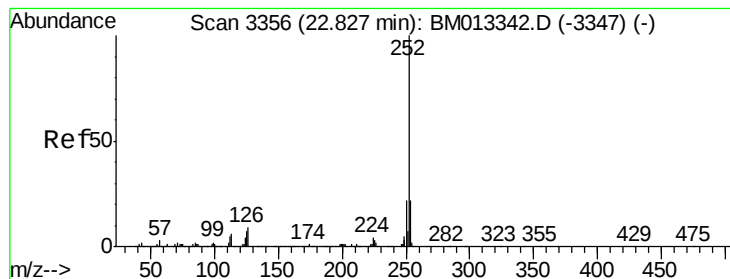
Abundance

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: 19.789 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampleId :

F9A53

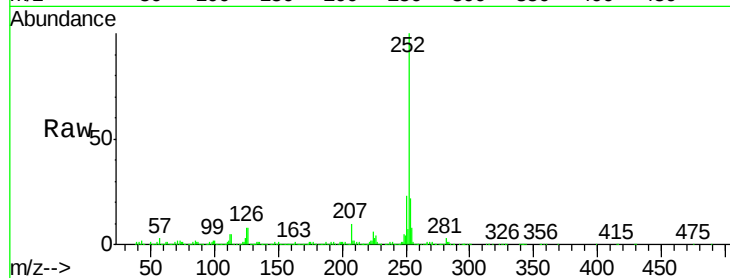
Tot Ion:252 Resp: 1536059

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

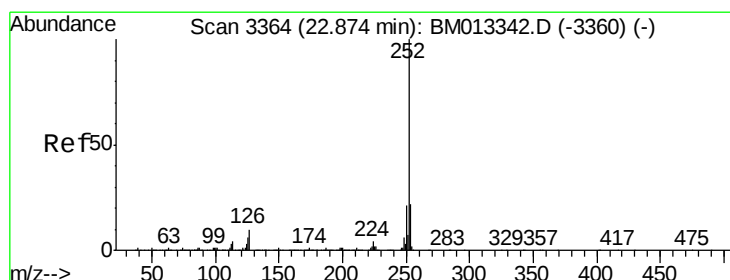
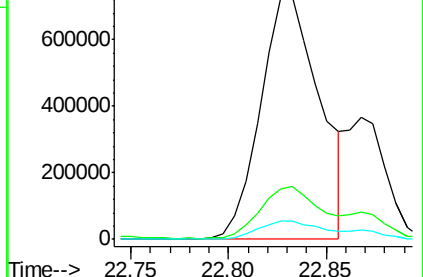
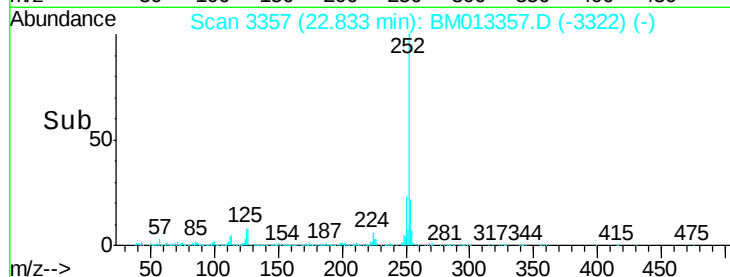
125 7.6 3.6 5.4#



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: 21.029 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.04 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

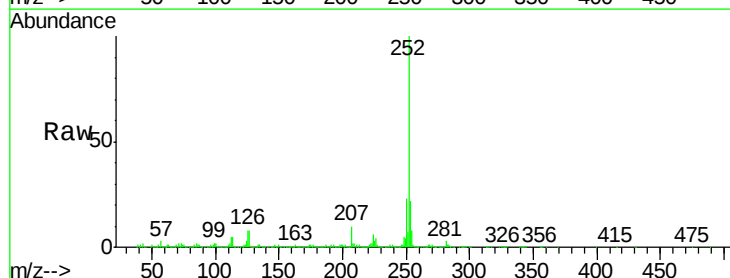
Tgt Ion:252 Resp: 1536059

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

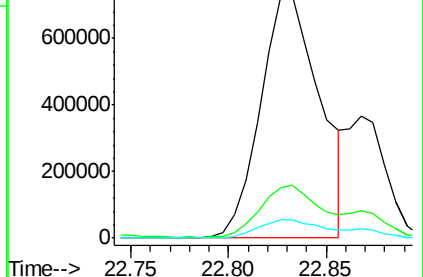
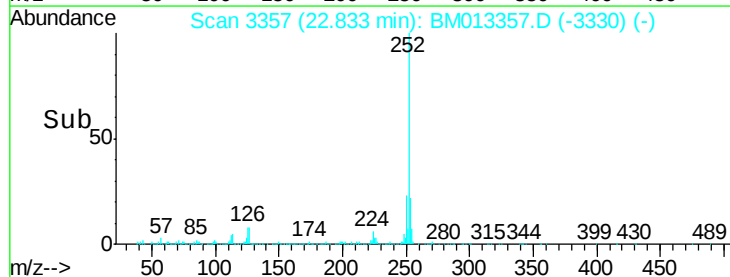
125 7.6 3.4 5.2#

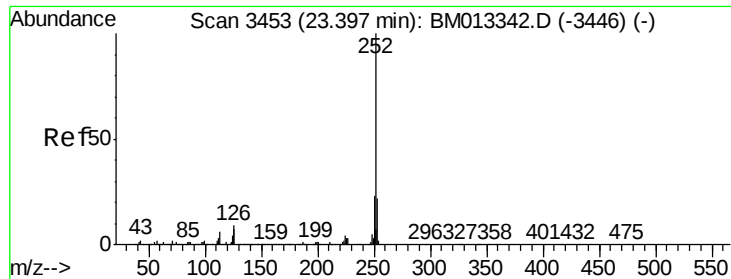


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 11.195 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

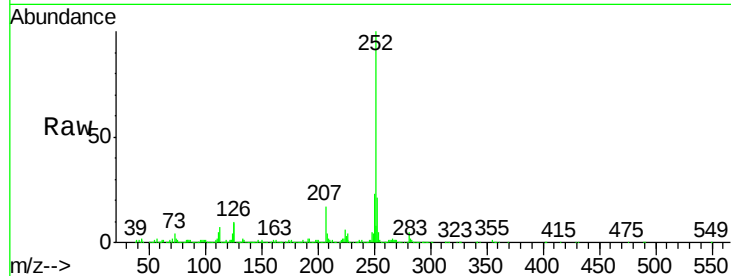
BNA_M

ClientSampleId :

F9A53

Tot Ion:252 Resp: 780620

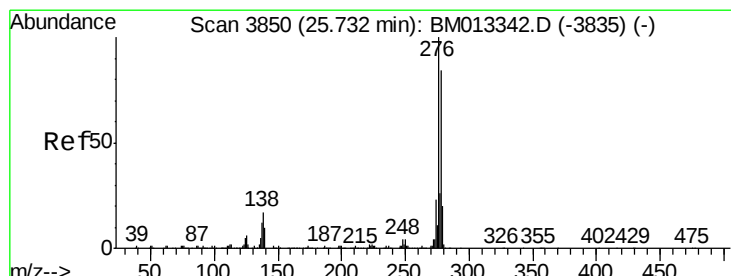
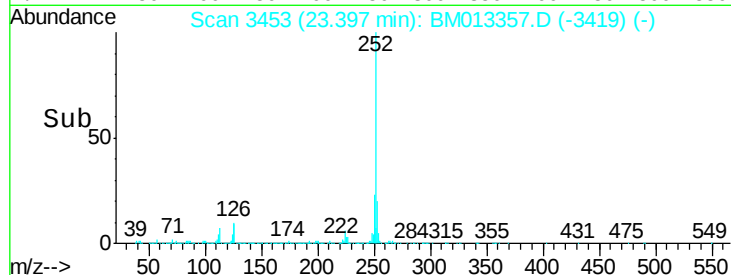
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.9	4.0	6.0



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: 10.093 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.01 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

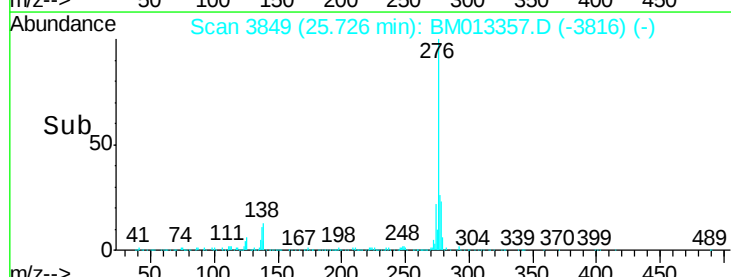
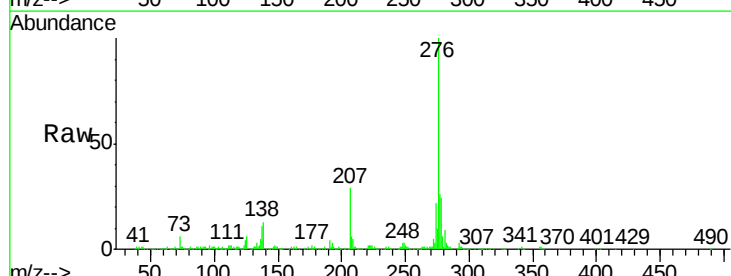
Tgt Ion:276 Resp: 698273

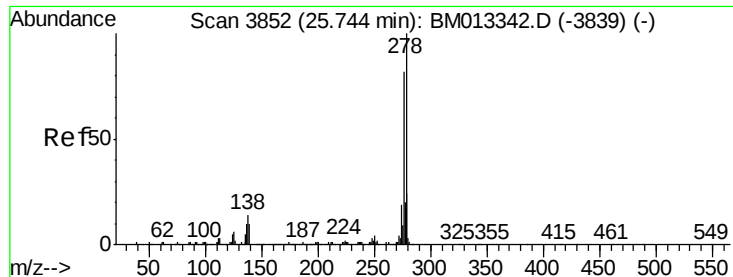
Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.3	13.9
277	25.9	19.9	29.9

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





#90

Dibenzo(a,h)anthracene

Concen: 3.270 ng/ul

RT: 25.73 min Scan# 3849

Delta R.T. -0.02 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

Instrument :

BNA_M

ClientSampleId :

F9A53

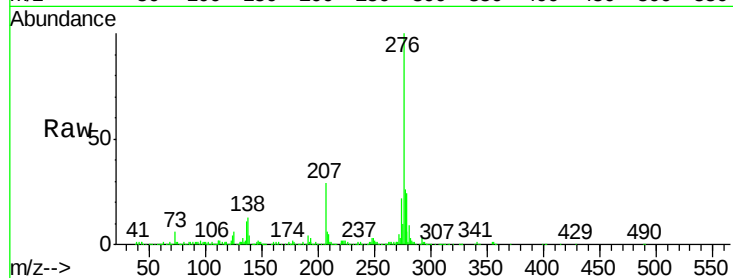
Tot Ion:278 Resp: 192615

Ion Ratio Lower Upper

278 100

139 14.7 5.8 8.8#

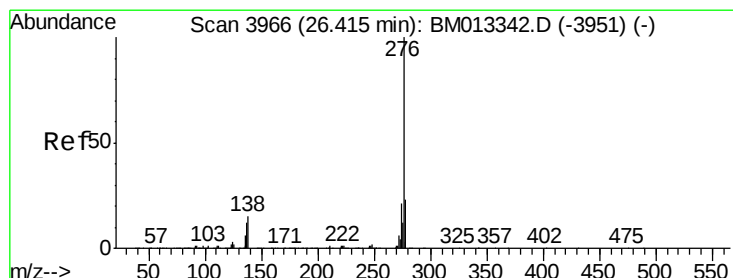
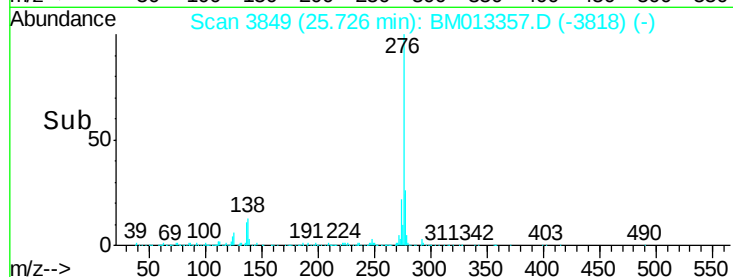
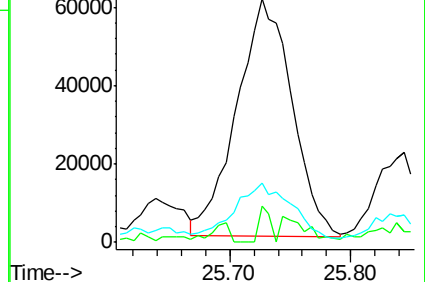
279 24.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 10.245 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. -0.00 min

Lab File: BM013357.D

Acq: 13 Dec 2017 01:58

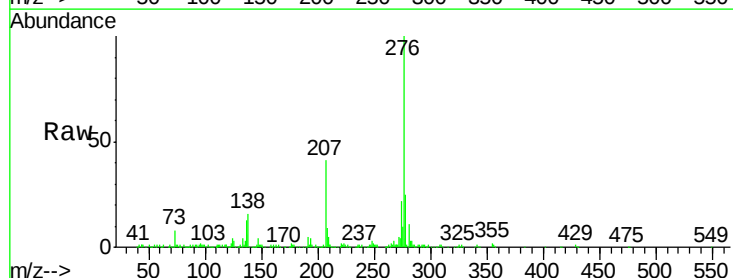
Tgt Ion:276 Resp: 559061

Ion Ratio Lower Upper

276 100

138 16.0 8.5 12.7#

277 25.4 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

