

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013977.D
 Acq On : 30 Jan 2018 02:41
 Operator : SJ/JU
 Sample : J1295-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C12

Quant Time: Jan 30 04:10:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 30 02:42:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	99537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	406912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	258285	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	620920	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	758159	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	766069	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	7606	3.02	ng/uL	0.00
5) Phenol-d5	6.76	99	145857	19.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	90484	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	125914	20.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	121749	20.73	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	64515	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	76117	22.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	136230	21.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	152463	27.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	538962	25.32	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	640004	23.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	48843	14.12	ng/ul	0.01
57) Fluorene-d10	15.22	176	473238	25.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	73852	19.76	ng/ul	0.00
70) Anthracene-d10	16.97	188	620920	20.53	ng/ul	-0.11
76) Pyrene-d10	19.38	212	979854	27.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	971785	27.60	ng/ul	0.00

Target Compounds

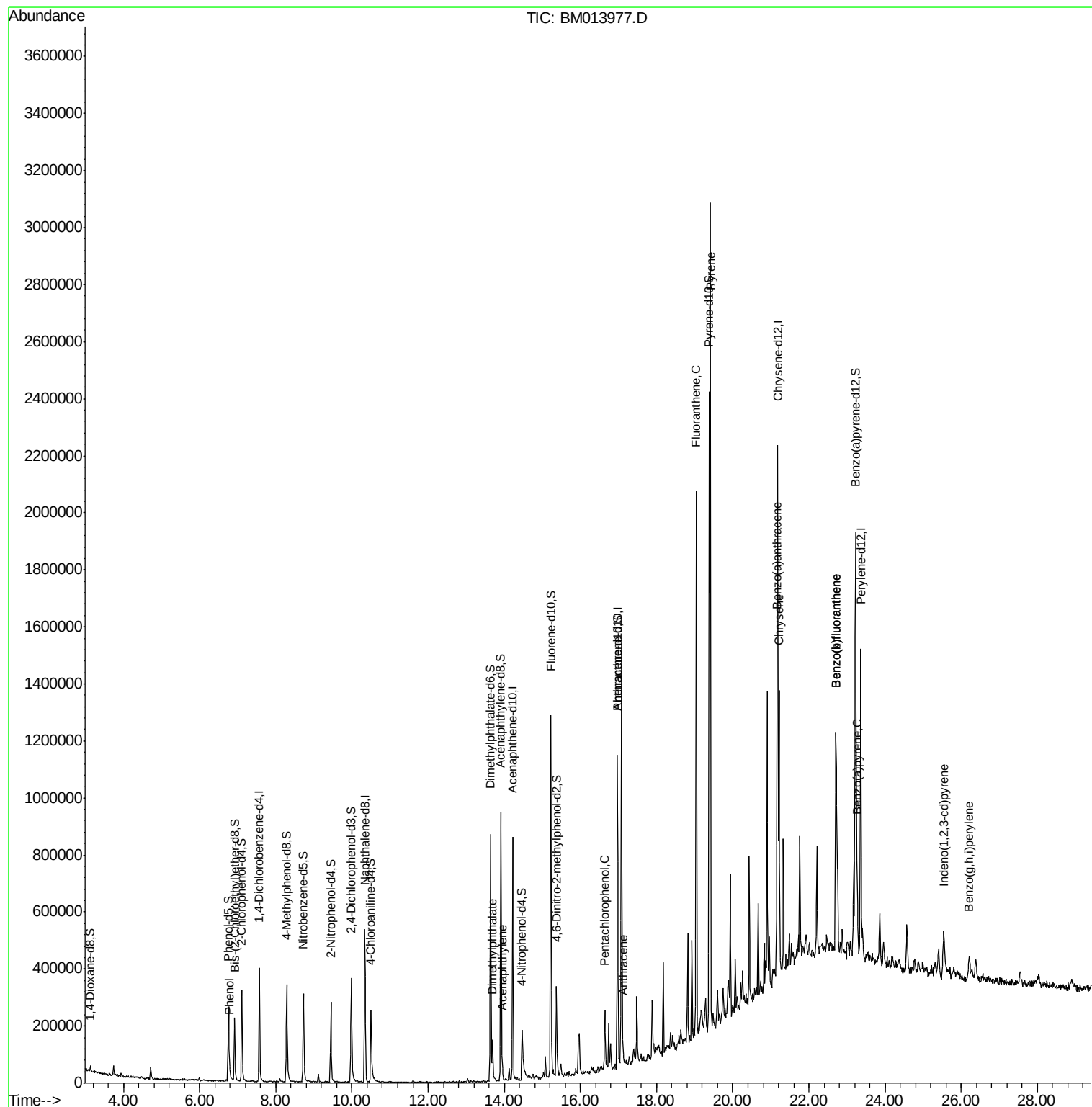
					Ovalue	
6) Phenol	6.79	94	10168	1.327	ng/ul#	71
44) Dimethylphthalate	13.69	163	83694	3.999	ng/ul	97
47) Acenaphthylene	13.94	152	36091	1.453	ng/ul#	93
68) Pentachlorophenol	16.64	266	34949	8.331	ng/ul#	86
71) Anthracene	17.12	178	41651	1.170	ng/ul#	90
74) Fluoranthene	19.04	202	1091859	26.502	ng/ul	98
77) Pyrene	19.41	202	1594531	34.595	ng/ul#	96
80) Benzo(a)anthracene	21.16	228	324366	7.080	ng/ul	98
82) Chrysene	21.22	228	588758	14.009	ng/ul	98
85) Benzo(b)fluoranthene	22.71	252	600936	12.773	ng/ul#	99
86) Benzo(k)fluoranthene	22.71	252	600936	13.215	ng/ul#	98
88) Benzo(a)pyrene	23.27	252	222193	4.999	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.54	276	135965	2.592	ng/ul	97
91) Benzo(g,h,i)perylene	26.21	276	94071	2.179	ng/ul	100

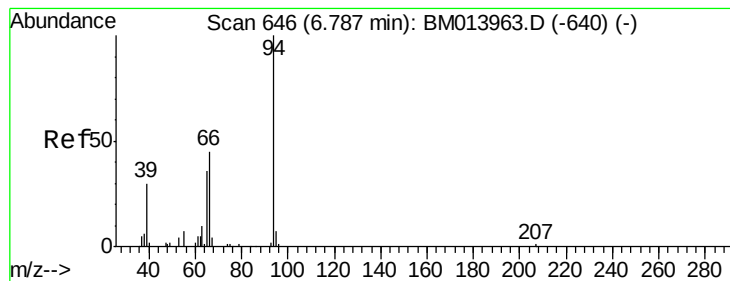
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.327 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

ClientSampleId :

F6C12

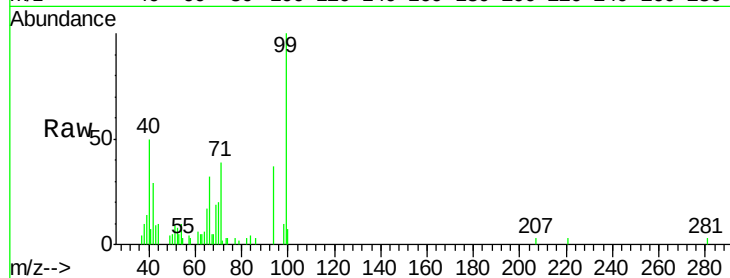
Tot Ion: 94 Resp: 10168

Ion Ratio Lower Upper

94 100

65 45.0 28.2 42.4#

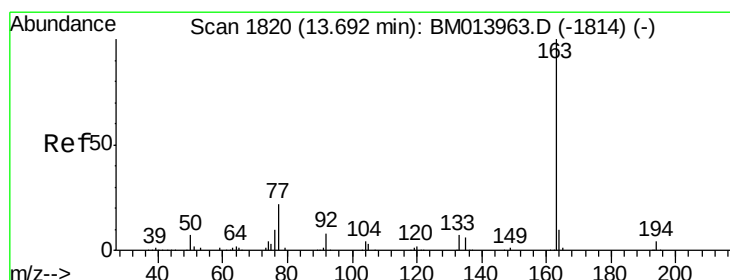
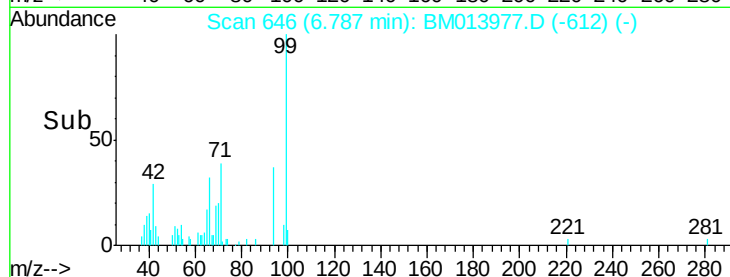
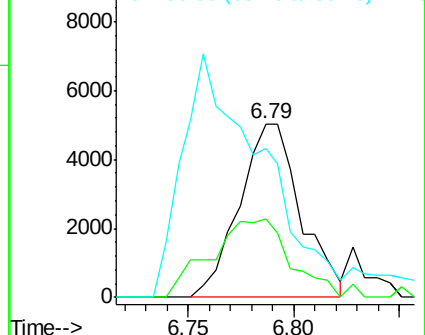
66 86.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013963.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013963.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013963.D (-640) (-)



#44

Dimethylphthalate

Concen: 3.999 ng/ul

RT: 13.69 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

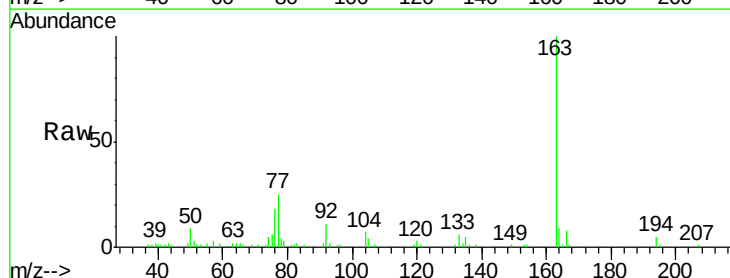
Tgt Ion: 163 Resp: 83694

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

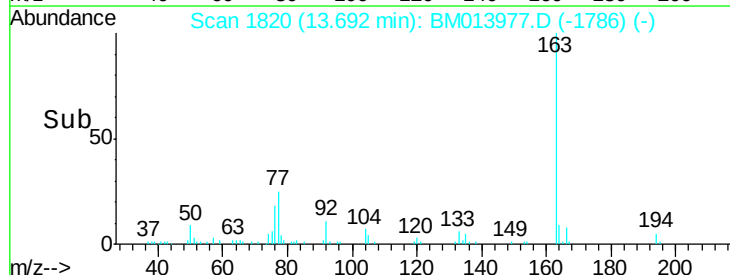
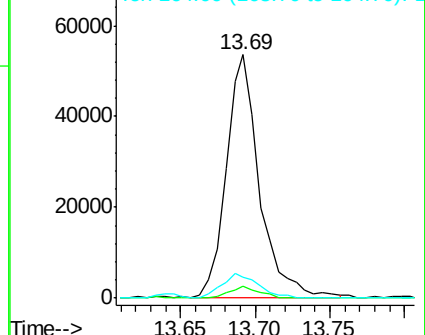
164 8.8 8.2 12.4

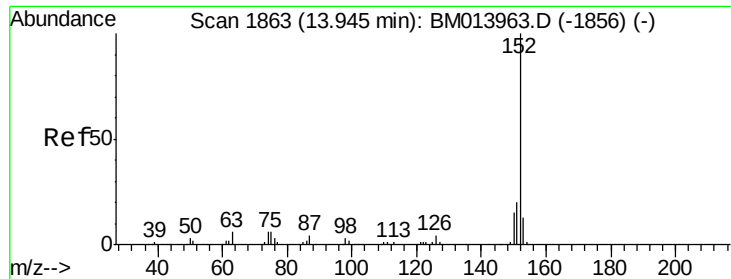


Abundance Ion 163.00 (162.70 to 163.70): BM013963.D (-1814) (-)

Ion 194.00 (193.70 to 194.70): BM013963.D (-1814) (-)

Ion 164.00 (163.70 to 164.70): BM013963.D (-1814) (-)





#47

Acenaphthylene

Concen: 1.453 ng/ul

RT: 13.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

ClientSampled :

F6C12

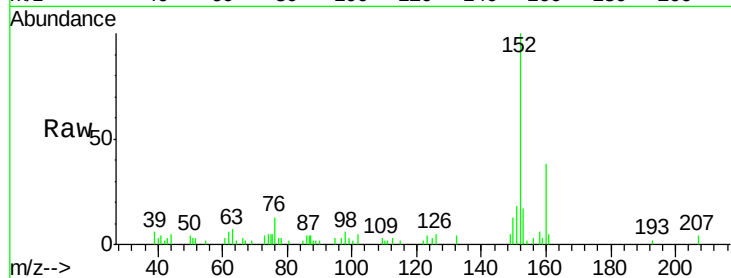
Tot Ion:152 Resp: 36091

Ion Ratio Lower Upper

152 100

151 18.3 16.3 24.5

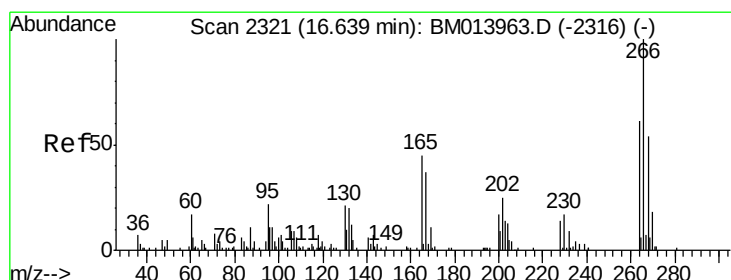
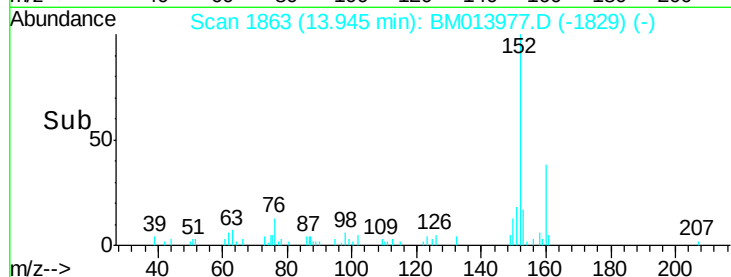
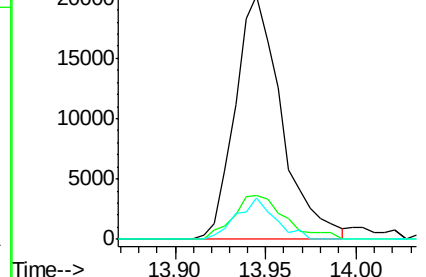
153 16.7 10.2 15.4#



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



#68

Pentachlorophenol

Concen: 8.331 ng/ul

RT: 16.64 min Scan# 2321

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

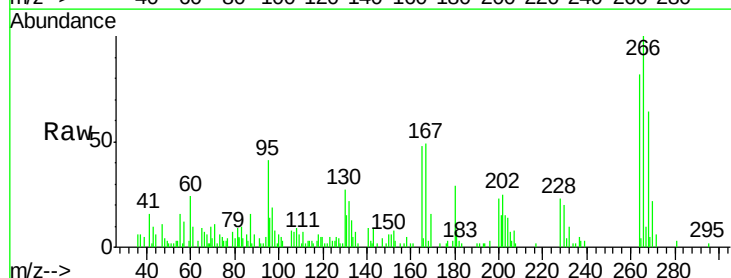
Tgt Ion:266 Resp: 34949

Ion Ratio Lower Upper

266 100

264 82.1 49.3 73.9#

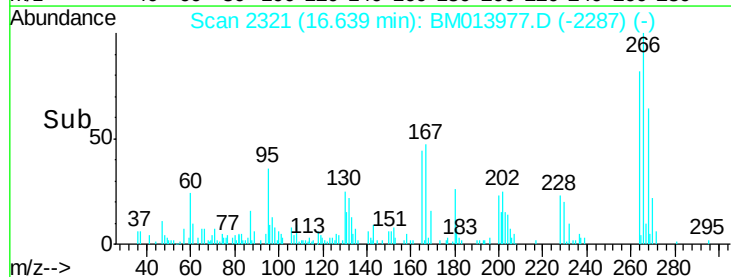
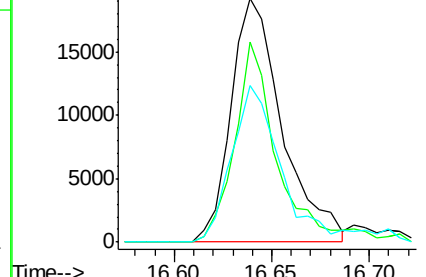
268 64.4 52.6 78.8

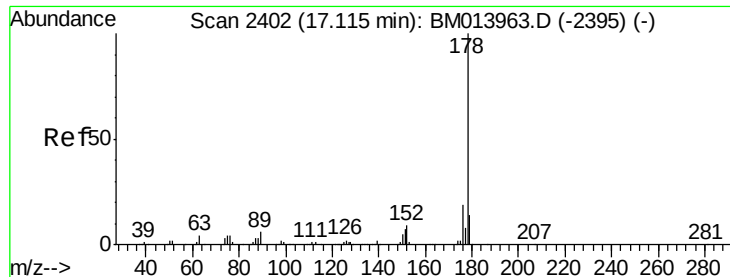


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#71

Anthracene

Concen: 1.170 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

ClientSampleId :

F6C12

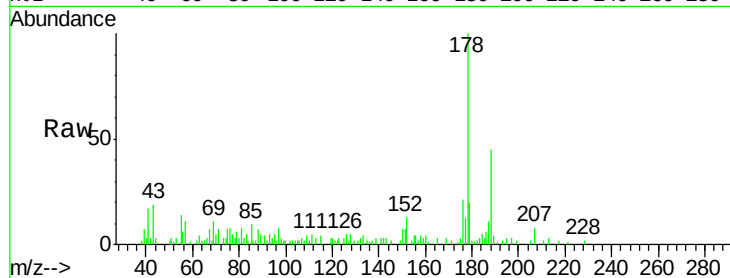
Tot Ion:178 Resp: 41651

Ion Ratio Lower Upper

178 100

179 20.1 11.7 17.5#

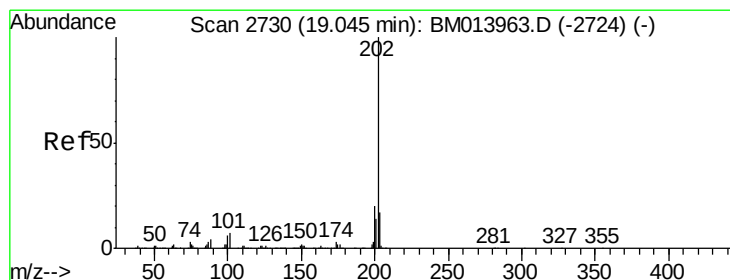
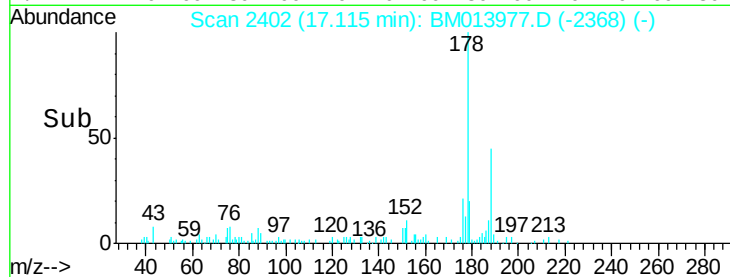
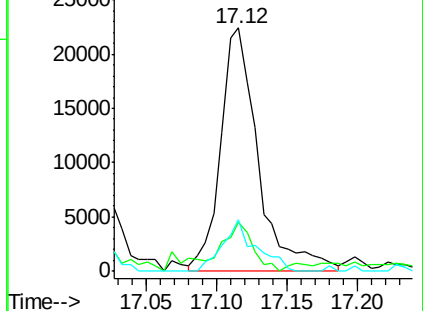
176 21.2 14.6 21.8



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: 26.502 ng/ul

RT: 19.04 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

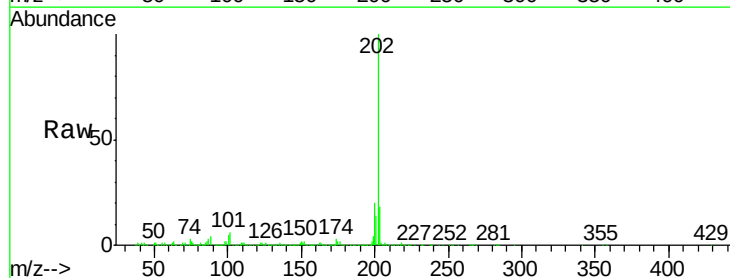
Tgt Ion:202 Resp: 1091859

Ion Ratio Lower Upper

202 100

101 6.2 4.6 7.0

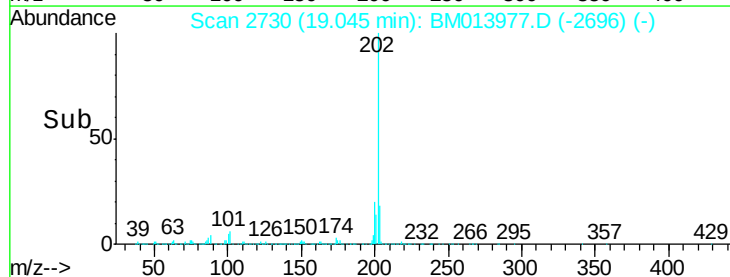
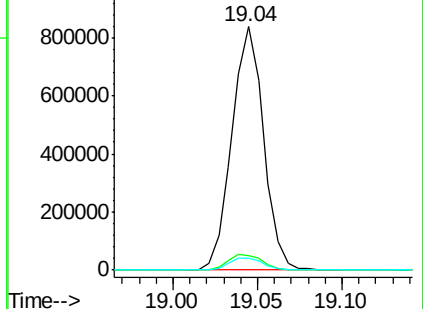
100 5.1 3.4 5.2

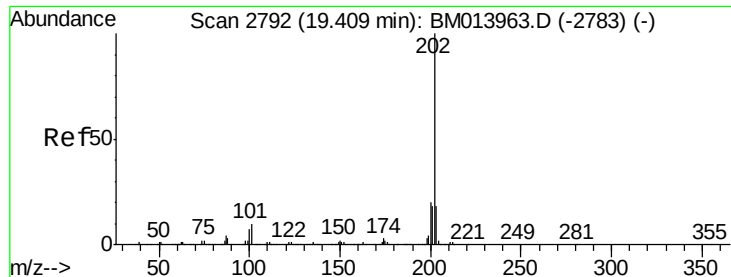


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 34.595 ng/ul

RT: 19.41 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

BNA_M

ClientSampleId :

F6C12

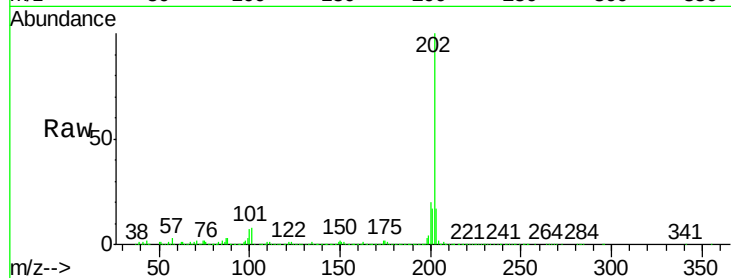
Tot Ion:202 Resp: 1594531

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

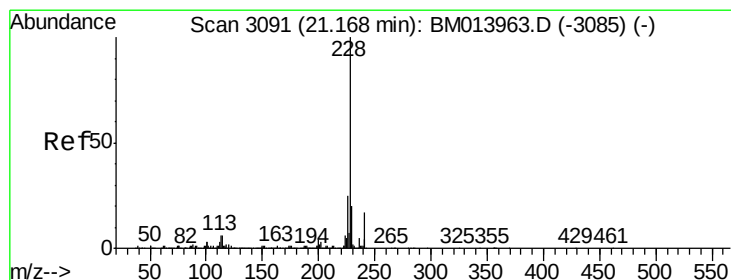
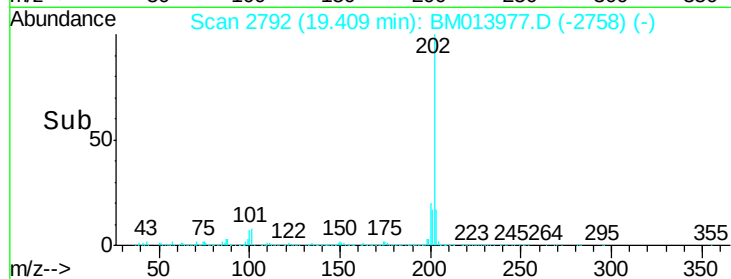
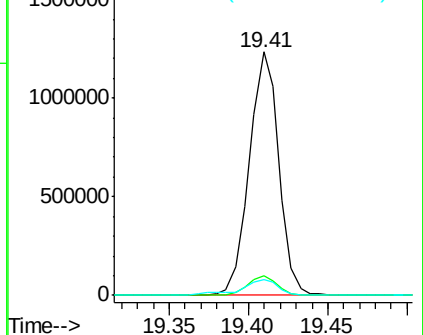
100 6.7 4.9 7.3



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: 7.080 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

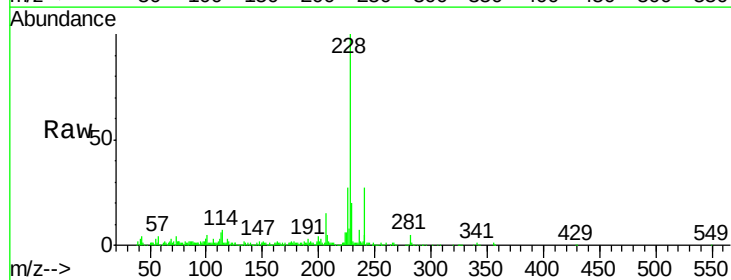
Tgt Ion:228 Resp: 324366

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

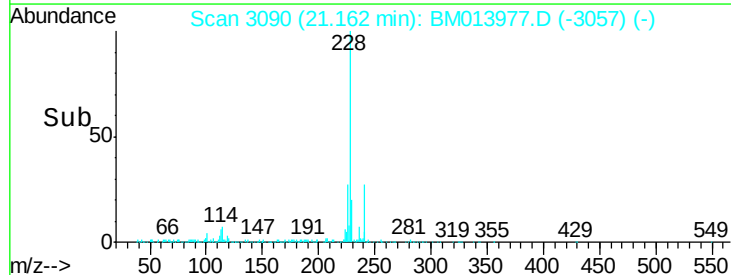
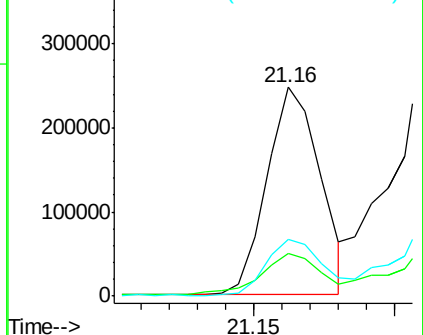
226 27.3 21.4 32.0

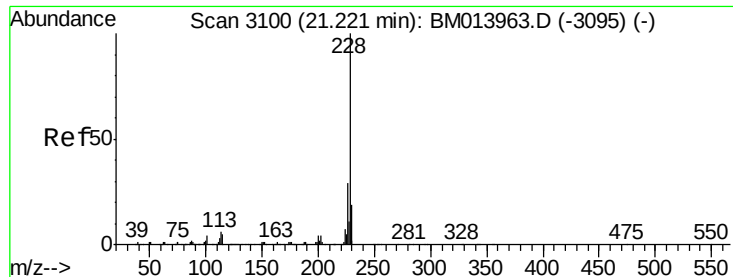


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 14.009 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Instrument :

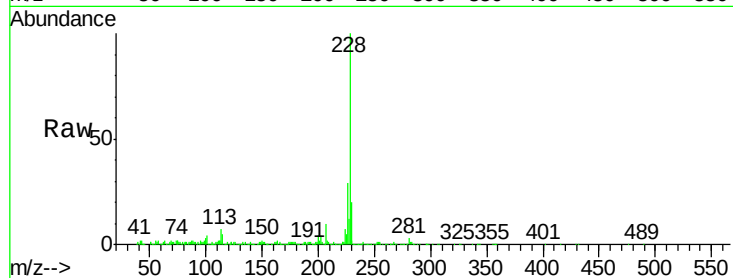
BNA_M

ClientSampleId :

F6C12

Tot Ion:228 Resp: 588758

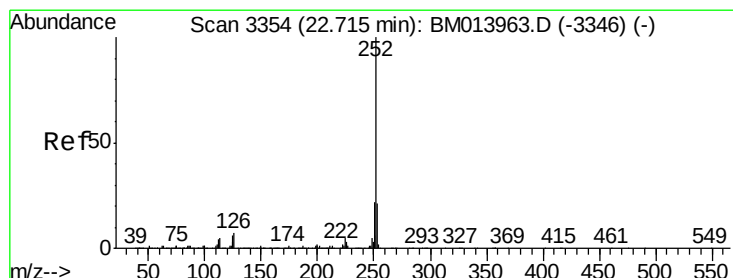
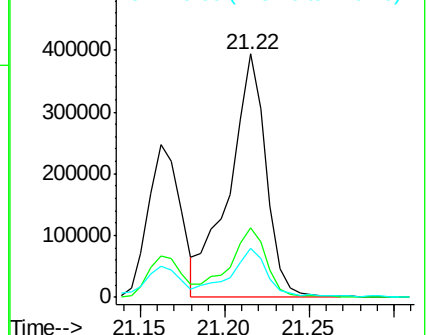
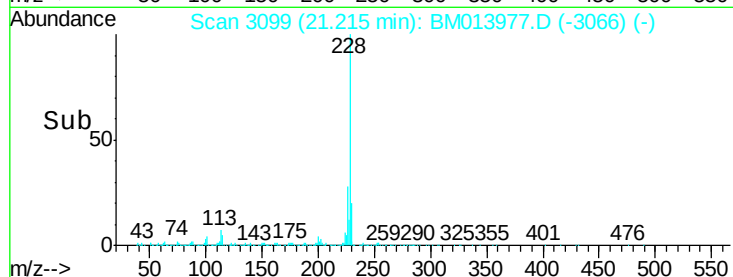
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.2	15.5	23.3



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: 12.773 ng/ul

RT: 22.71 min Scan# 3354

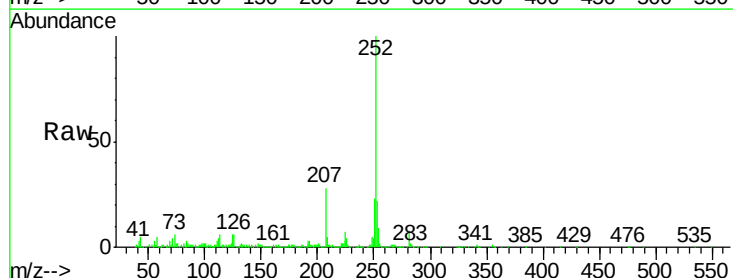
Delta R.T. -0.00 min

Lab File: BM013977.D

Acq: 30 Jan 2018 02:41

Tgt Ion:252 Resp: 600936

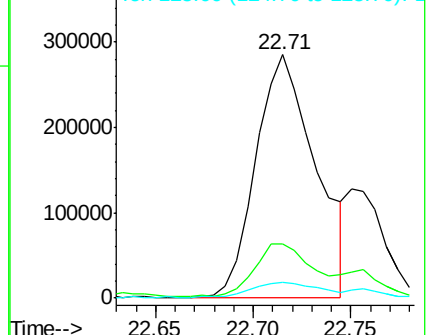
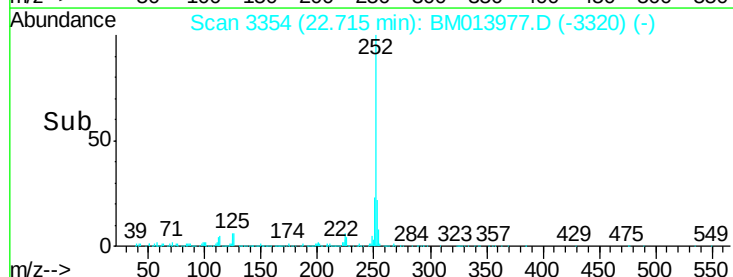
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	6.3	3.6	5.4

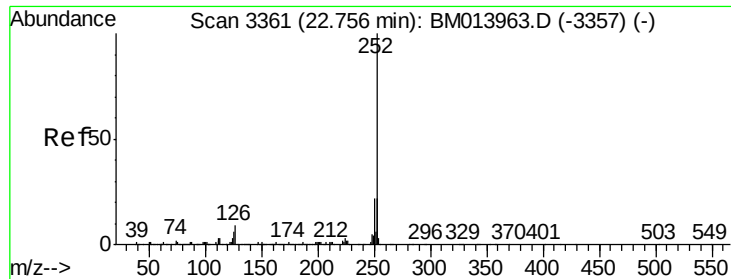


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

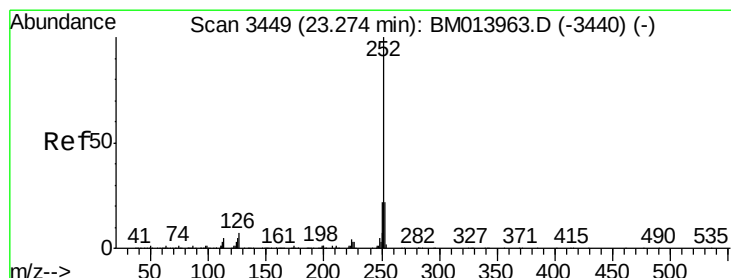
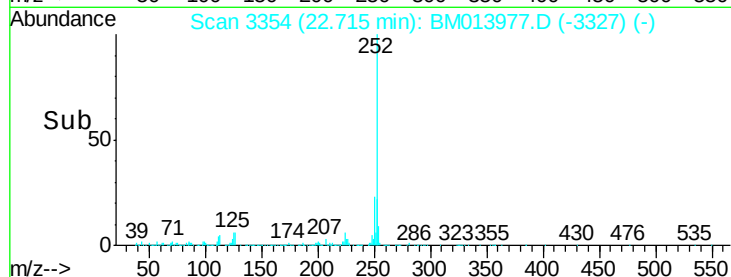
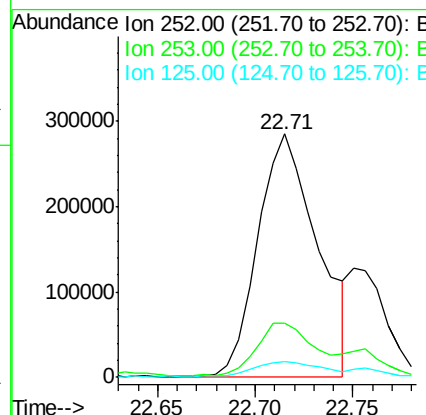
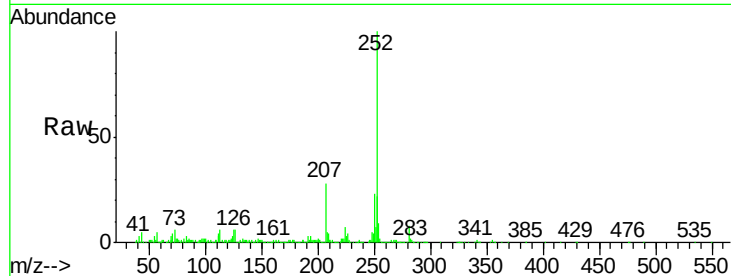




#86
Benzo(k)fluoranthene
Concen: 13.215 ng/ul
RT: 22.71 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013977.D
Acq: 30 Jan 2018 02:41

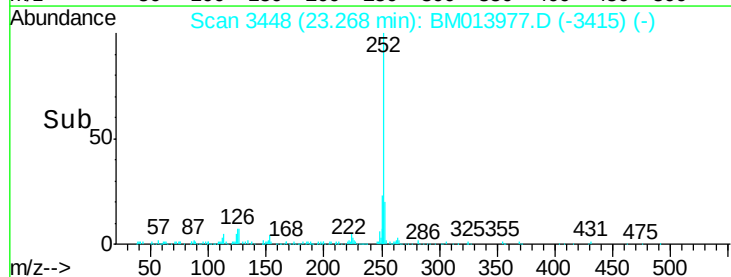
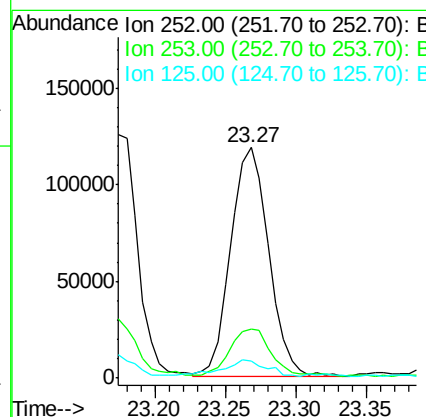
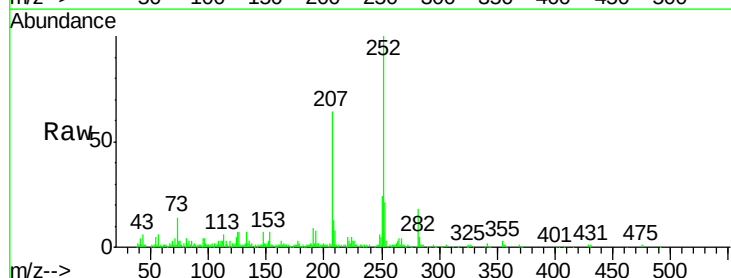
Instrument :
BNA_M
ClientSampleId :
F6C12

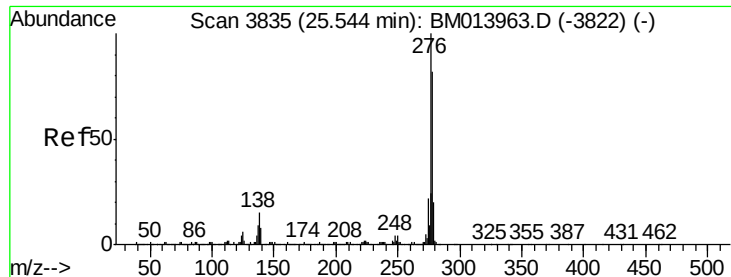
Tot Ion:252 Resp: 600936
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 6.3 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 4.999 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BM013977.D
Acq: 30 Jan 2018 02:41

Tgt Ion:252 Resp: 222193
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 7.5 4.0 6.0#



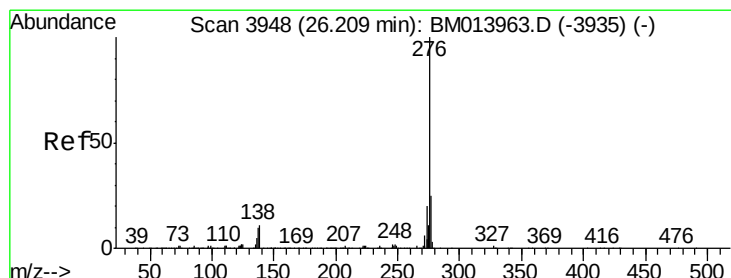
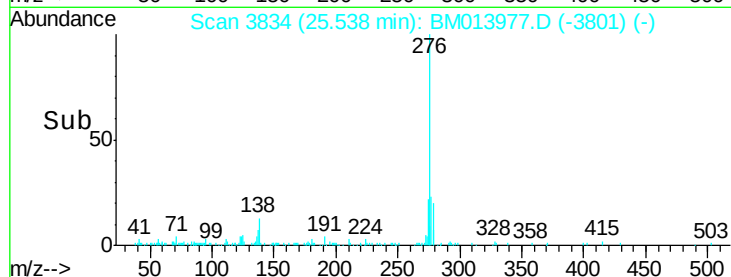
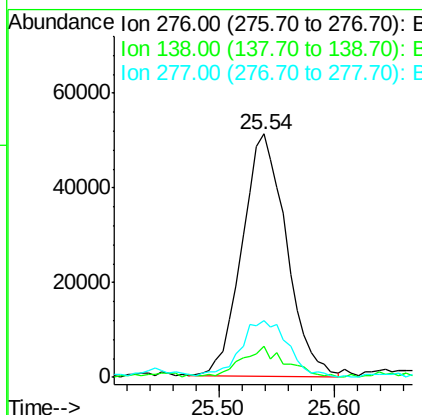
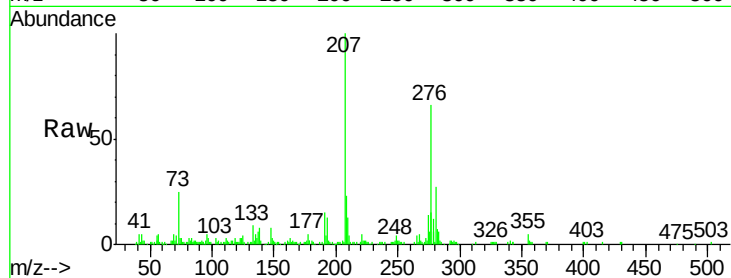


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.592 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM013977.D
Acq: 30 Jan 2018 02:41

Instrument :
BNA_M
ClientSampleId :
F6C12

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.3	13.9
277	23.2	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 2.179 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. -0.00 min
Lab File: BM013977.D
Acq: 30 Jan 2018 02:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.5	12.7
277	23.4	18.6	28.0

