

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012580.D
 Acq On : 30 Oct 2017 19:15
 Operator : SJ/JU
 Sample : I5886-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 03:02:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 03:00:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	300390	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1134681	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	638560	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1438648	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1696651	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1887265	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	29231	4.97	ng/uL	0.00
5) Phenol-d5	7.02	99	503239	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	331679	22.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	427124	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	326070	15.20	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	203056	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	227171	31.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	416950	21.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	432899	21.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1261276	22.61	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1544283	23.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	154064	18.58	ng/ul	0.00
57) Fluorene-d10	15.48	176	1072030	22.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	151764	21.80	ng/ul	0.00
70) Anthracene-d10	17.33	188	1568726	22.88	ng/ul	0.00
76) Pyrene-d10	19.62	212	1817035	23.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2010468	22.42	ng/ul	-0.01

Target Compounds

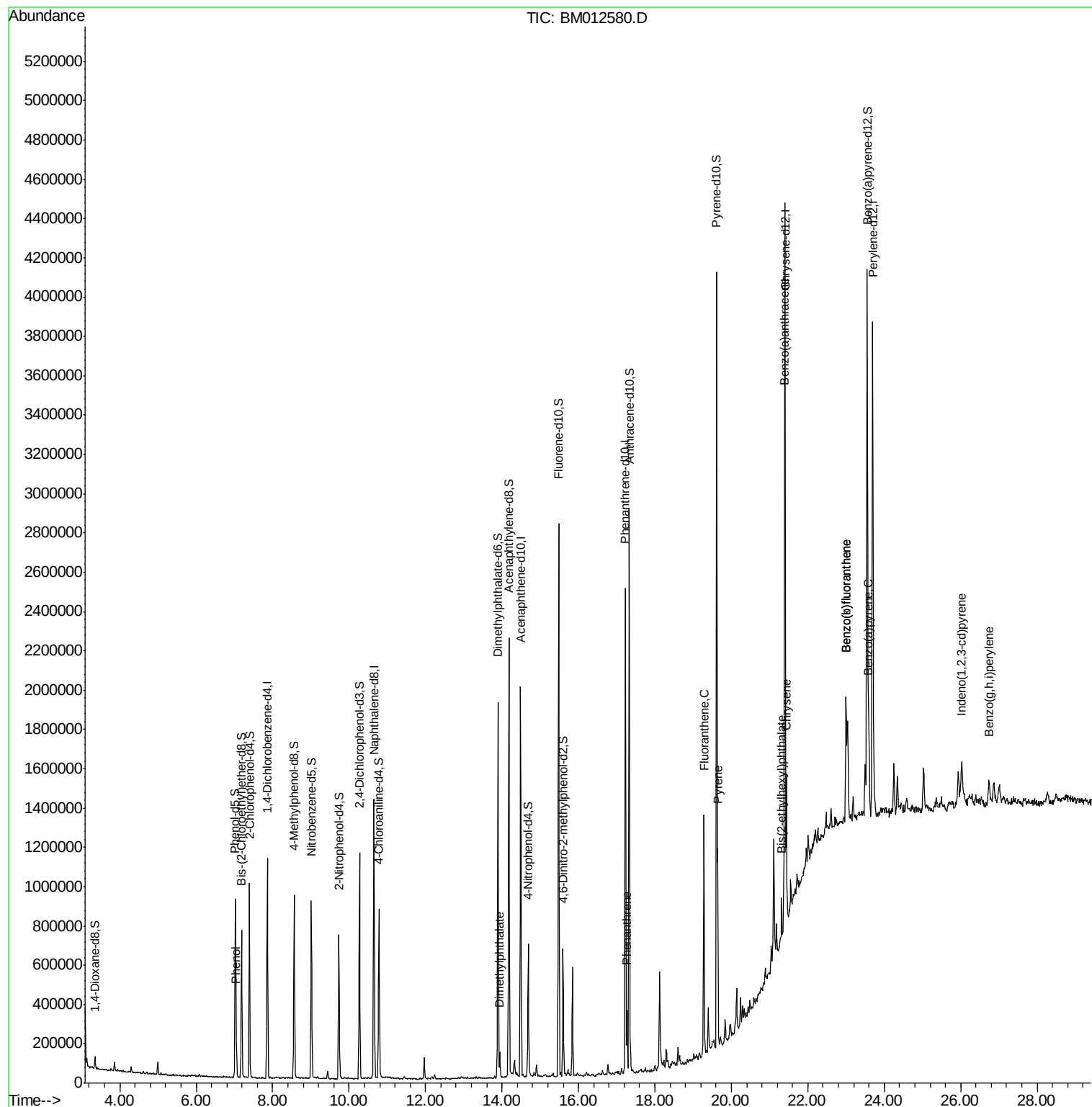
						Ovalue
6) Phenol	7.05	94	79639	3.05	ng/ul#	86
44) Dimethylphthalate	13.94	163	76036	1.38	ng/ul	99
69) Phenanthrene	17.27	178	187559	2.41	ng/ul	99
74) Fluoranthene	19.29	202	704884	8.00	ng/ul#	93
77) Pyrene	19.64	202	587312	6.09	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	432684	4.26	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.31	149	66748	1.15	ng/ul	99
82) Chrysene	21.44	228	403388	4.47	ng/ul	99
85) Benzo(b)fluoranthene	23.01	252	501955	4.30	ng/ul#	96
86) Benzo(k)fluoranthene	23.01	252	501955	4.57	ng/ul#	94
88) Benzo(a)pyrene	23.60	252	312567	2.81	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.03	276	211400	1.61	ng/ul#	96
91) Benzo(g,h,i)perylene	26.74	276	149011	1.40	ng/ul#	92

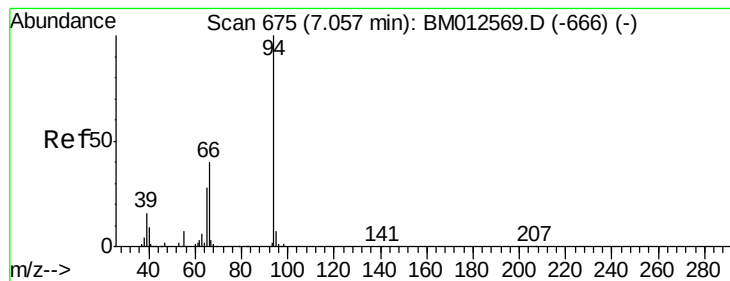
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.05 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

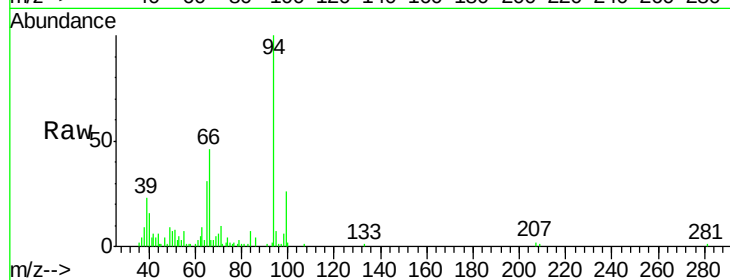
Tot Ion: 94 Resp: 79639

Ion Ratio Lower Upper

94 100

65 31.4 28.2 42.4

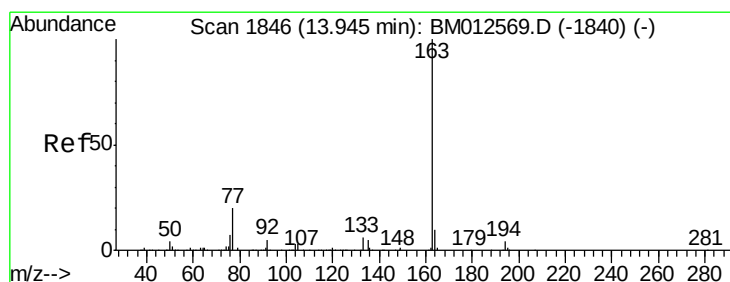
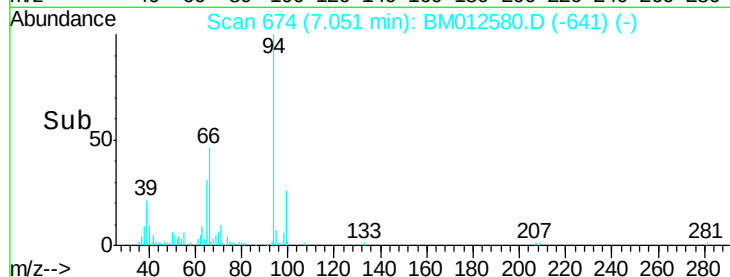
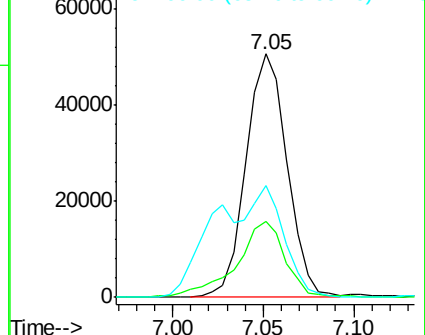
66 45.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012569.D (-666) (-)

Ion 65.00 (64.70 to 65.70): BM012569.D (-666) (-)

Ion 66.00 (65.70 to 66.70): BM012569.D (-666) (-)



#44

Dimethylphthalate

Concen: 1.38 ng/ul

RT: 13.94 min Scan# 1846

Delta R.T. -0.00 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

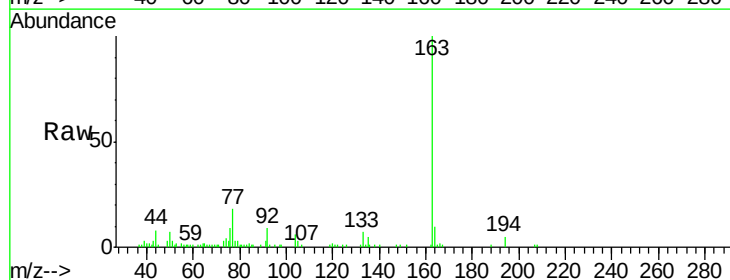
Tgt Ion:163 Resp: 76036

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

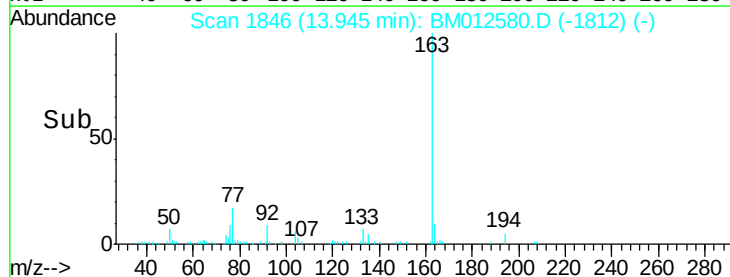
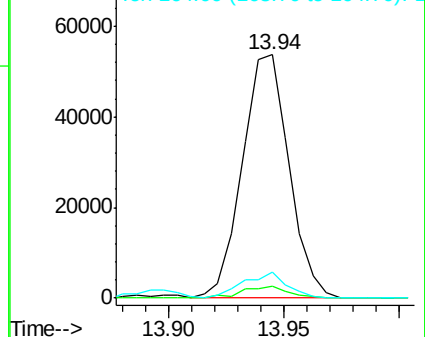
164 10.5 8.2 12.4

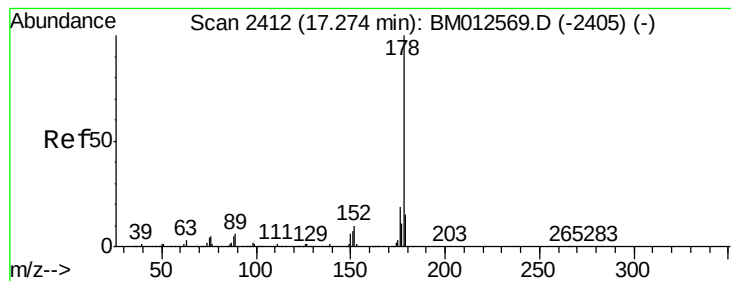


Abundance Ion 163.00 (162.70 to 163.70): BM012569.D (-1840) (-)

Ion 194.00 (193.70 to 194.70): BM012569.D (-1840) (-)

Ion 164.00 (163.70 to 164.70): BM012569.D (-1840) (-)





#69

Phenanthrene

Concen: 2.41 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

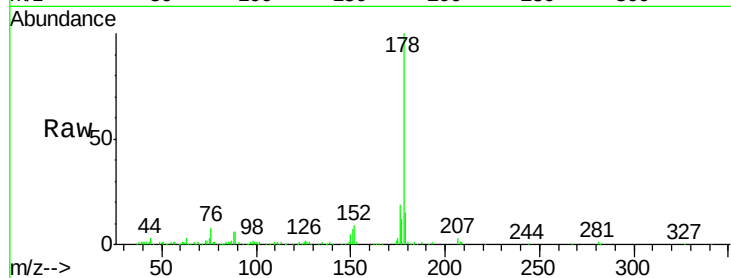
Tot Ion:178 Resp: 187559

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

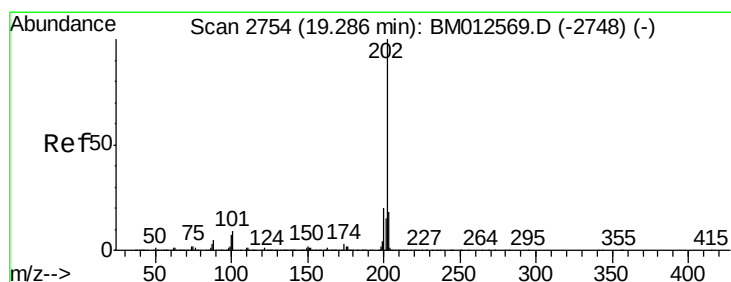
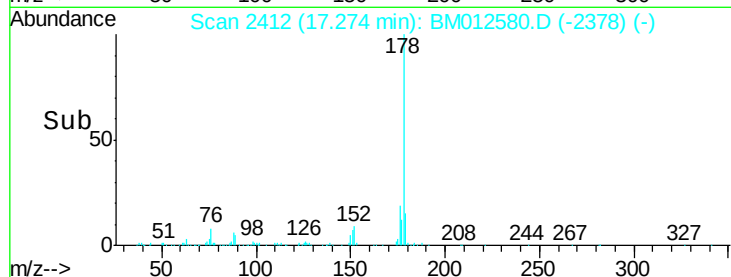
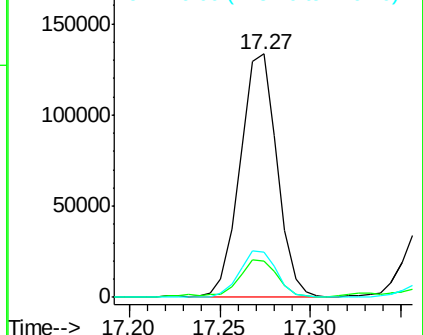
176 18.6 14.9 22.3



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: 8.00 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

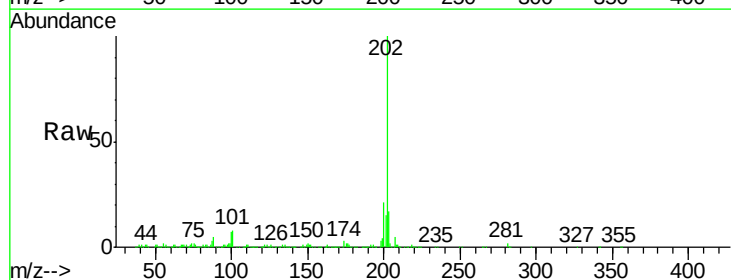
Tgt Ion:202 Resp: 704884

Ion Ratio Lower Upper

202 100

101 8.1 4.6 7.0#

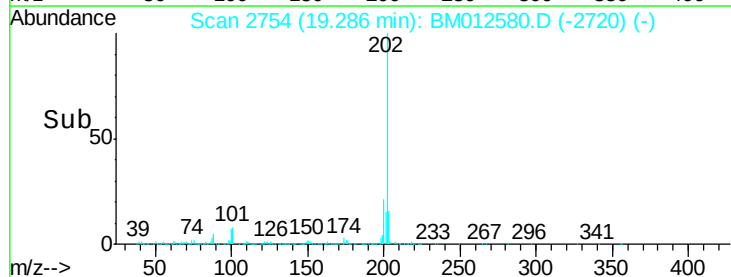
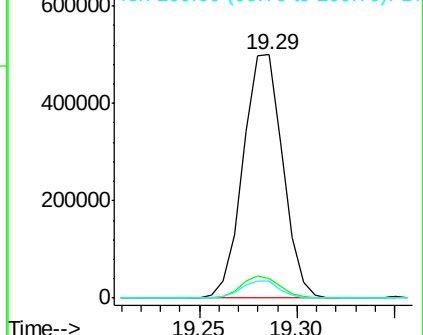
100 6.7 3.4 5.2#

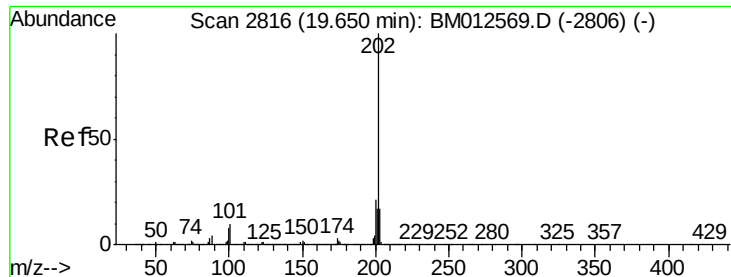


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 6.09 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM012580.D

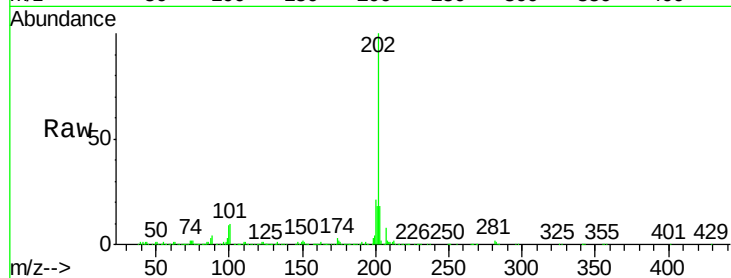
Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

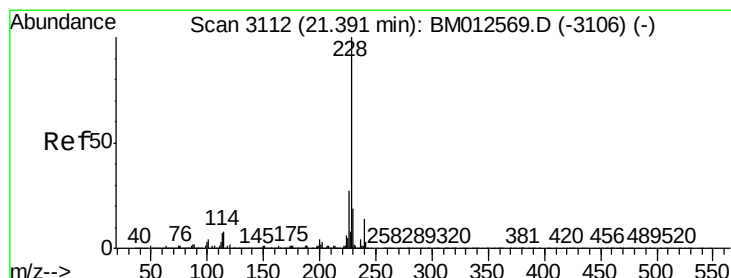
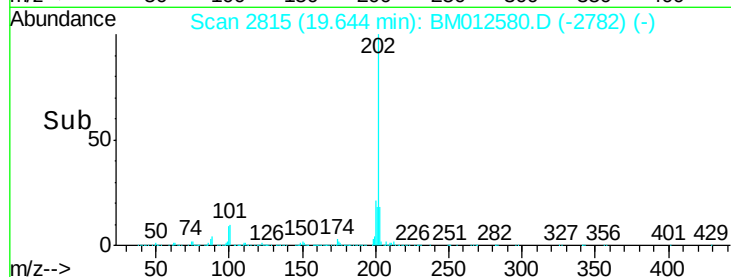
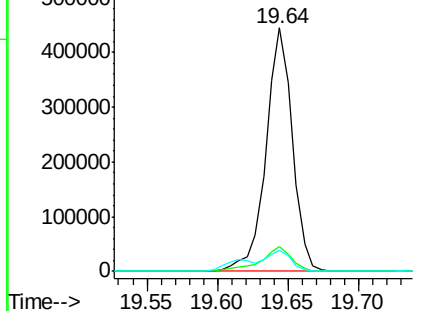
Tot Ion:	202	Resp:	587312
Ion Ratio	Lower	Upper	
202	100		
101	9.9	5.1	7.7#
100	8.6	4.9	7.3#



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: 4.26 ng/ul

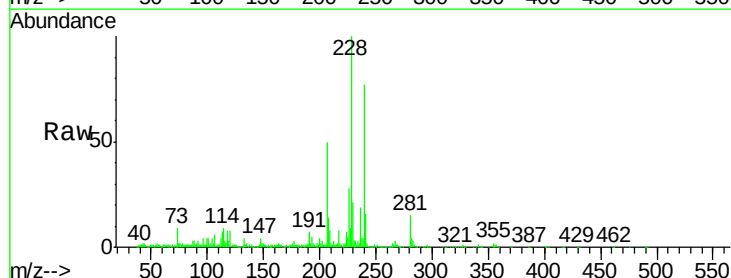
RT: 21.39 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

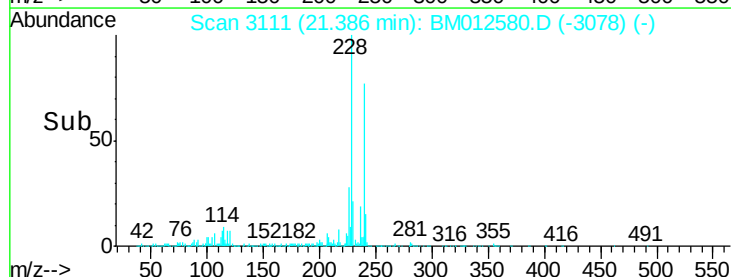
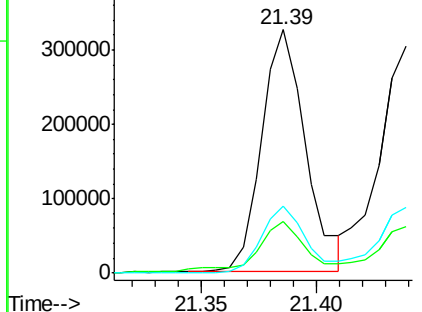
Tgt Ion:	228	Resp:	432684
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.4	23.0
226	27.6	21.4	32.0

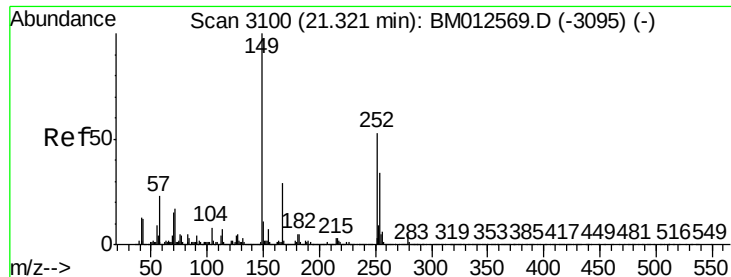


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

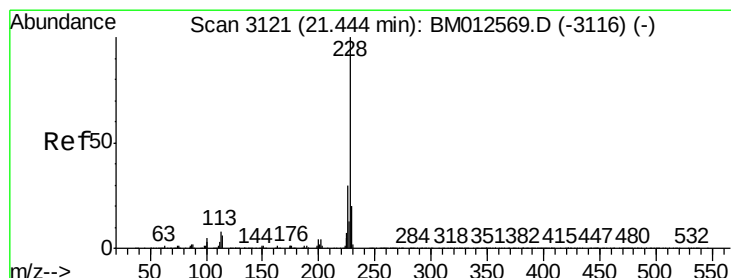
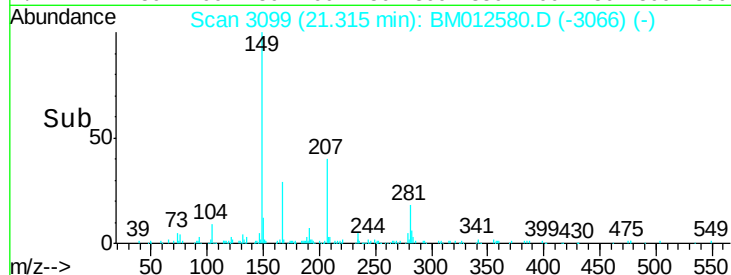
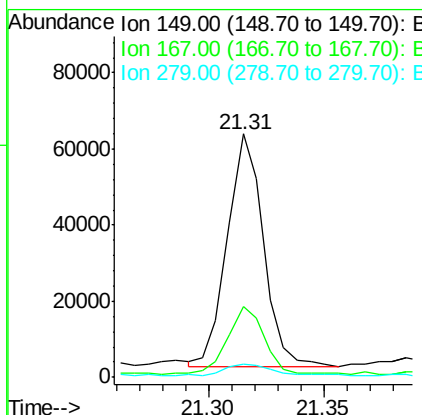
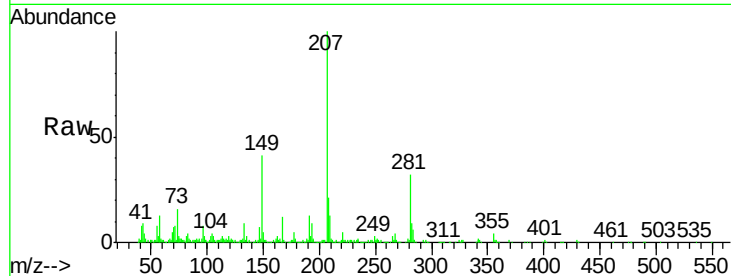




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.15 ng/ul
 RT: 21.31 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM012580.D
 Acq: 30 Oct 2017 19:15

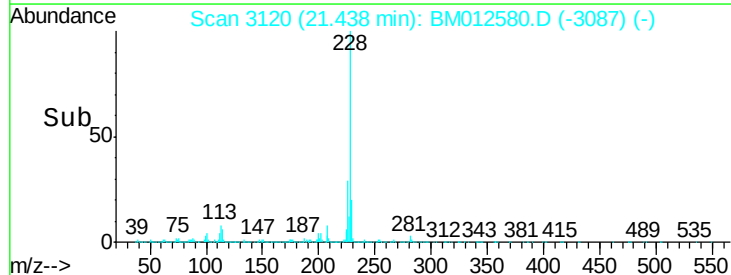
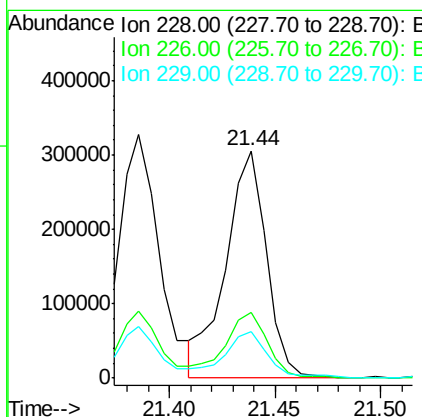
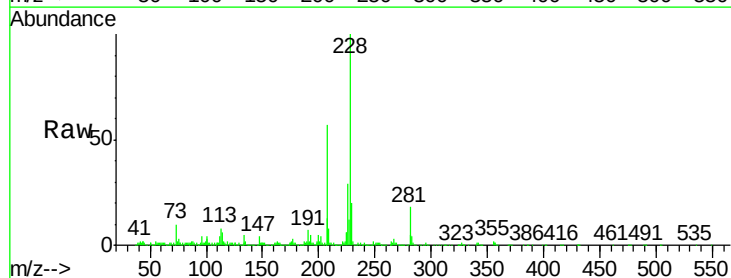
Instrument :
 BNA_M
 ClientSampleId :

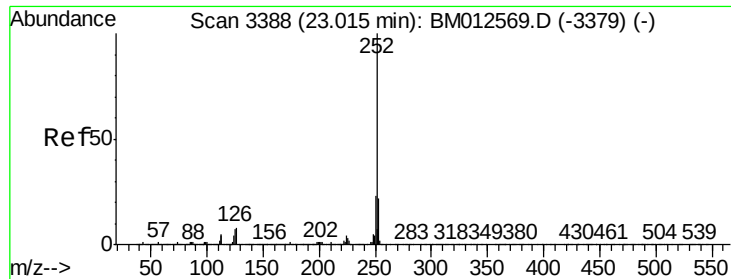
Tot Ion:149 Resp: 66748
 Ion Ratio Lower Upper
 149 100
 167 29.2 22.8 34.2
 279 5.5 4.9 7.3



#82
 Chrysene
 Concen: 4.47 ng/ul
 RT: 21.44 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BM012580.D
 Acq: 30 Oct 2017 19:15

Tgt Ion:228 Resp: 403388
 Ion Ratio Lower Upper
 228 100
 226 29.1 23.4 35.2
 229 20.2 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 4.30 ng/ul

RT: 23.01 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BM012580.D

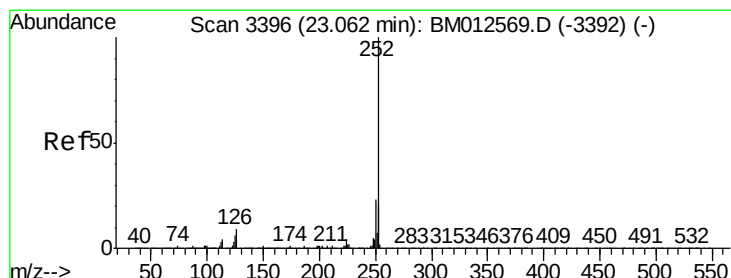
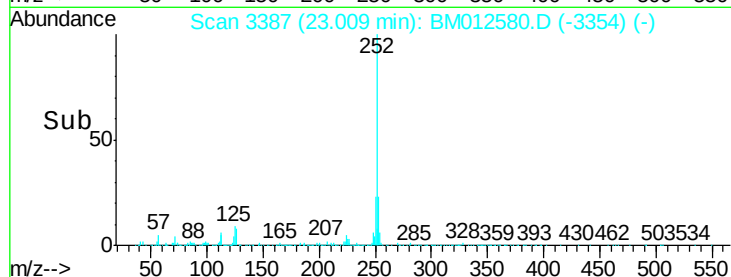
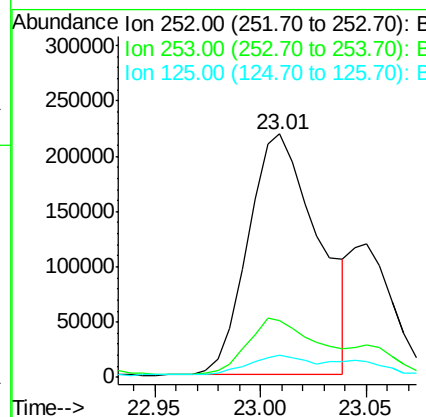
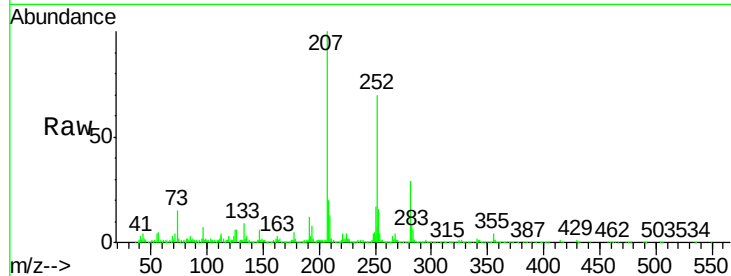
Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	501955
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	9.3	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 4.57 ng/ul

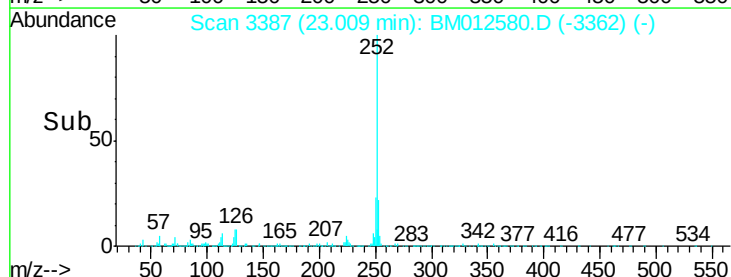
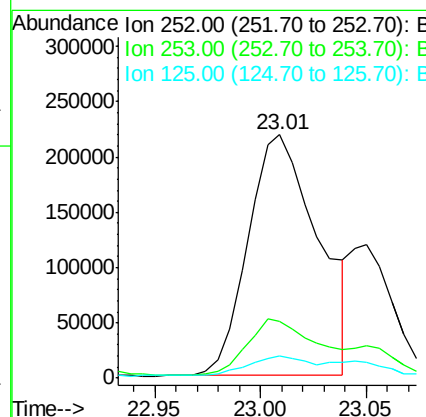
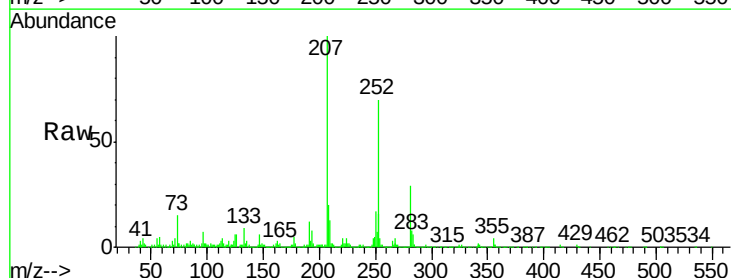
RT: 23.01 min Scan# 3387

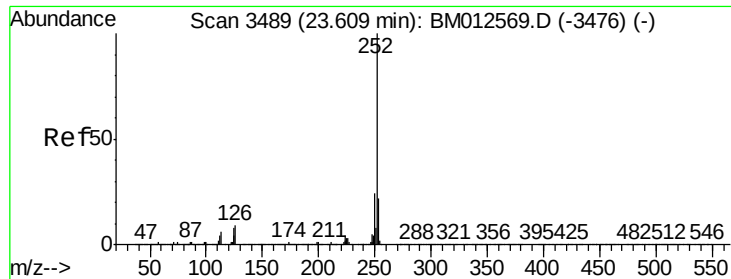
Delta R.T. -0.05 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Tgt Ion:	252	Resp:	501955
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.81 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM012580.D

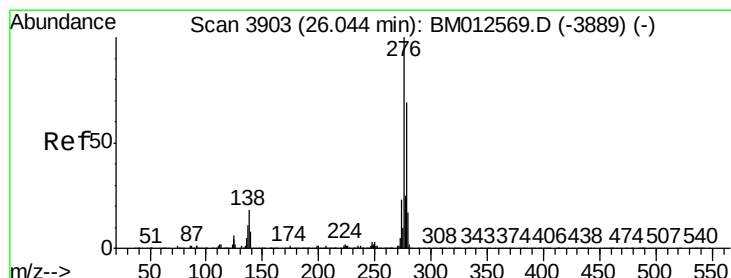
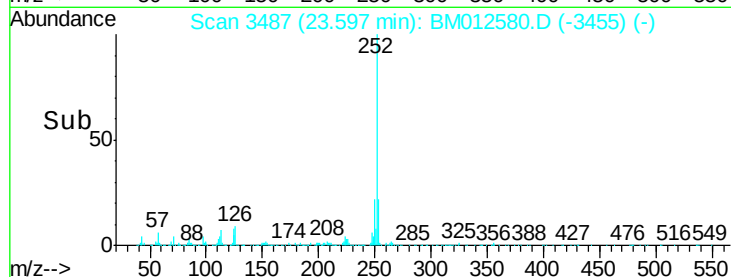
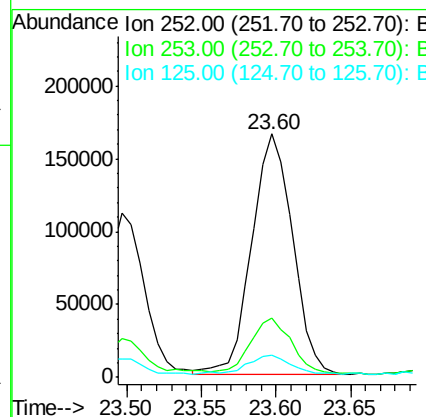
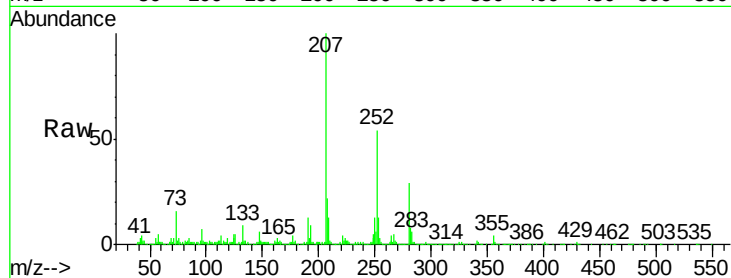
Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	312567
Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	9.2	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.61 ng/ul

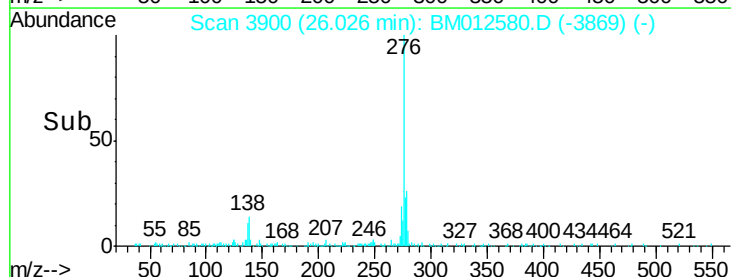
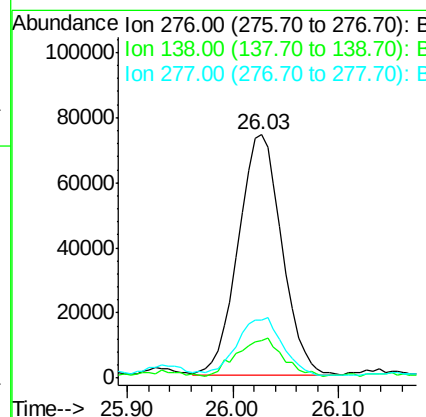
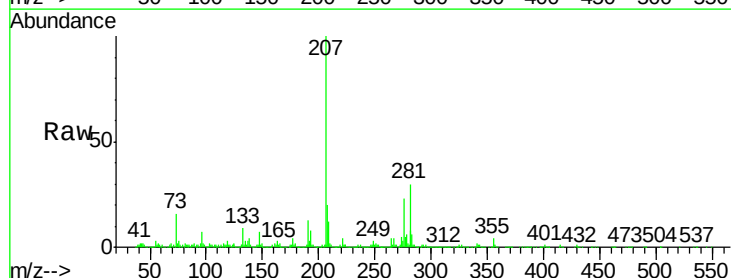
RT: 26.03 min Scan# 3900

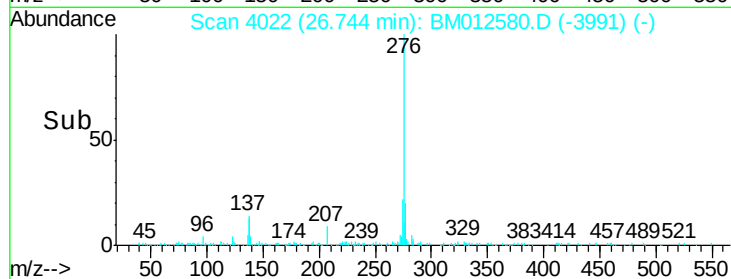
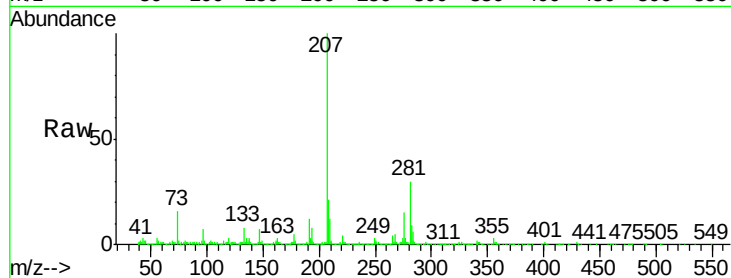
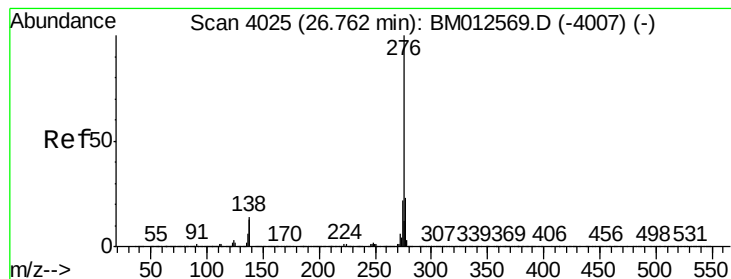
Delta R.T. -0.02 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Tgt Ion:	276	Resp:	211400
Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	24.1	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.40 ng/ul

RT: 26.74 min Scan# 4022

Delta R.T. -0.02 min

Lab File: BM012580.D

Acq: 30 Oct 2017 19:15

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 149011

Ion Ratio Lower Upper

276 100

138 18.9 8.5 12.7#

277 22.7 18.6 28.0

