

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012480.D
 Acq On : 27 Oct 2017 11:20
 Operator : SJ/JU
 Sample : I5873-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 00:15:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	421815	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1589526	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	917092	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2029072	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2251306	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	2506617	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	56048	6.79	ng/uL	0.00
5) Phenol-d5	7.04	99	1015813	28.82	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	691437	33.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	802857	30.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	555465	18.44	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	419961	42.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	396101	38.62	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	743615	27.37	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	824805	28.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2652373	33.11	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3387235	35.74	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	10182	0.85	ng/ul	0.00
57) Fluorene-d10	15.49	176	2307456	34.03	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.61	200	14729	1.50	ng/ul	-0.01
70) Anthracene-d10	17.34	188	3507385	36.27	ng/ul	-0.01
76) Pyrene-d10	19.63	212	3949633	38.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	4358687	36.60	ng/ul	-0.01

Target Compounds

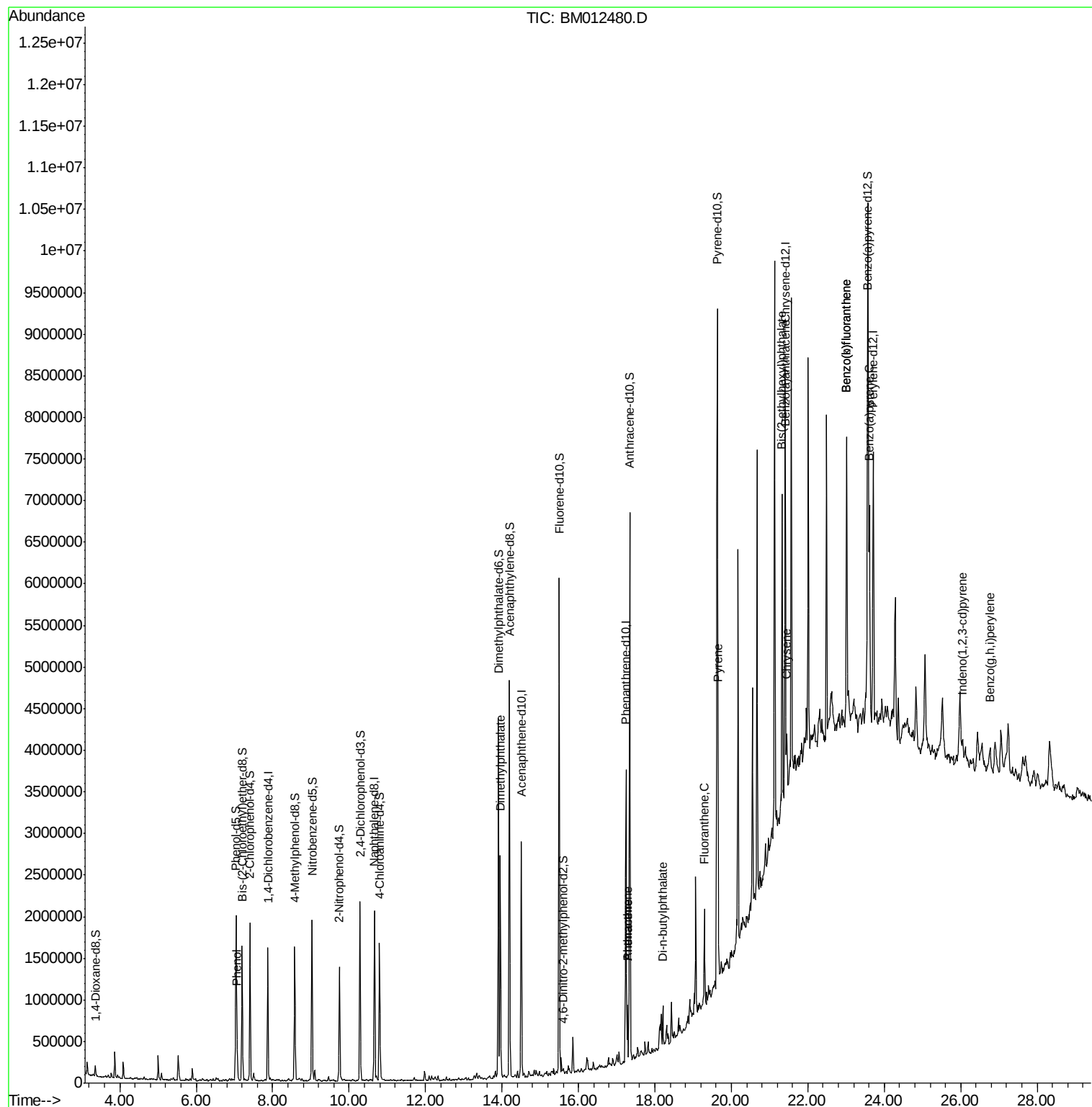
						Ovalue
6) Phenol	7.07	94	227049	6.19	ng/ul#	84
44) Dimethylphthalate	13.96	163	1615445	20.38	ng/ul	99
69) Phenanthrene	17.28	178	403254	3.68	ng/ul	99
71) Anthracene	17.28	178	403254	3.56	ng/ul	97
73) Di-n-butylphthalate	18.21	149	347006	2.90	ng/ul	98
74) Fluoranthene	19.29	202	644016	5.18	ng/ul#	92
77) Pyrene	19.66	202	634958	4.96	ng/ul#	92
80) Benzo(a)anthracene	21.40	228	348681	2.59	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.33	149	1199735	15.63	ng/ul	99
82) Chrysene	21.44	228	404260	3.37	ng/ul#	93
85) Benzo(b)fluoranthene	23.02	252	530573	3.42	ng/ul#	79
86) Benzo(k)fluoranthene	23.02	252	530573	3.64	ng/ul#	77
88) Benzo(a)pyrene	23.61	252	378492	2.56	ng/ul#	82
89) Indeno(1,2,3-cd)pyrene	26.05	276	286365	1.65	ng/ul#	89
91) Benzo(g,h,i)perylene	26.77	276	245749	1.74	ng/ul#	80

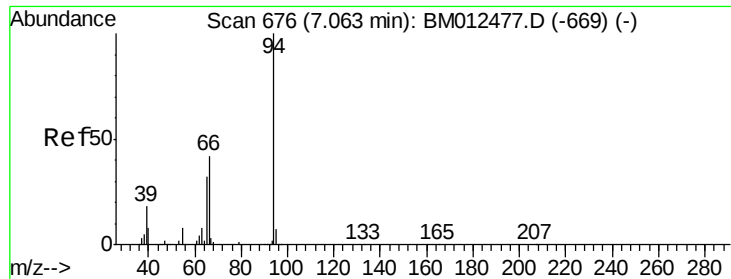
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
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ClientSampled :

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration





#6

Phenol

Concen: 6.19 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

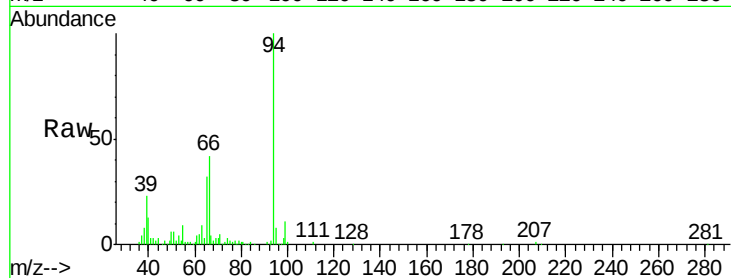
Tot Ion: 94 Resp: 227049

Ion Ratio Lower Upper

94 100

65 31.8 28.2 42.4

66 42.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012477.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012477.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012477.D (-669) (-)

7.07

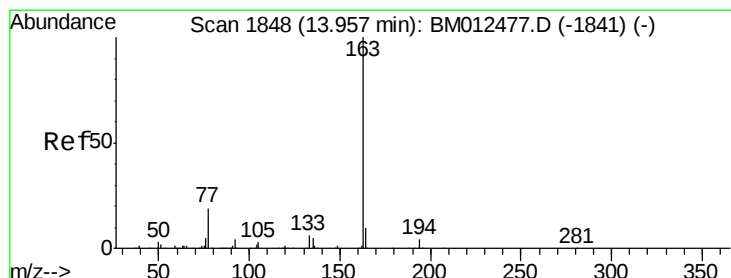
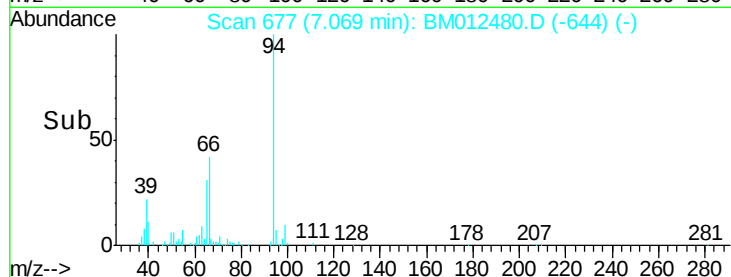
150000

100000

50000

0

Time-->



#44

Dimethylphthalate

Concen: 20.38 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

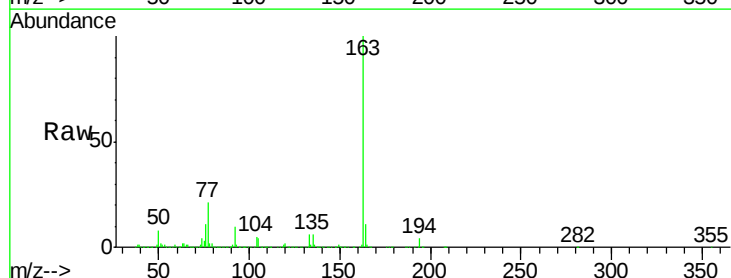
Tgt Ion:163 Resp: 1615445

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM012477.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012477.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012477.D (-1841) (-)

13.96

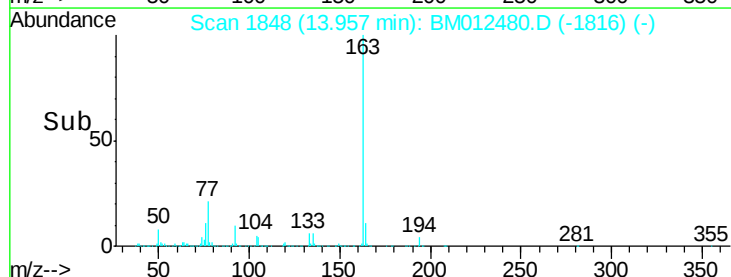
1500000

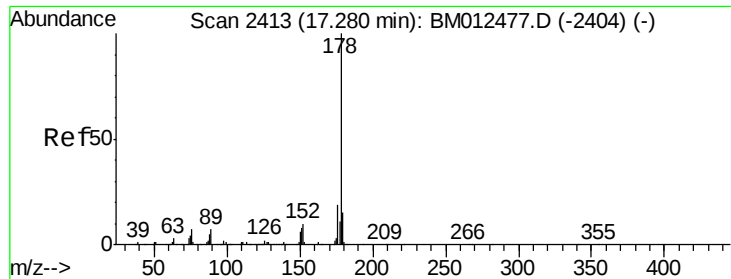
1000000

500000

0

Time-->





#69

Phenanthrene

Concen: 3.68 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

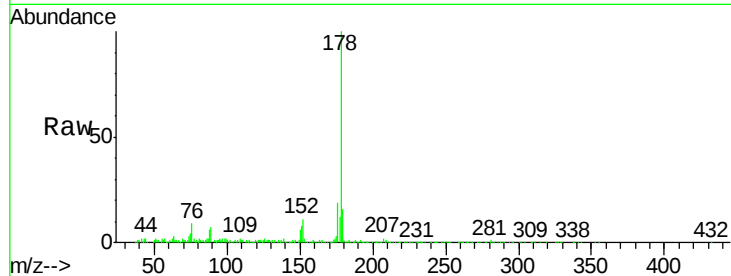
Tot Ion:178 Resp: 403254

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

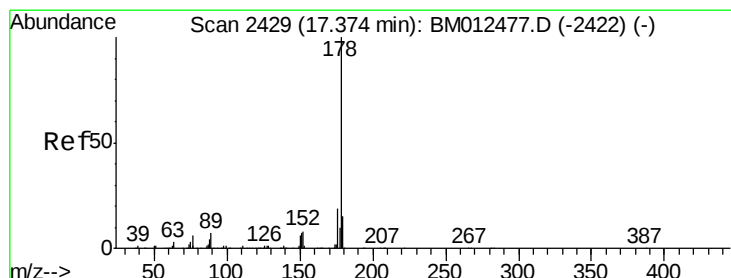
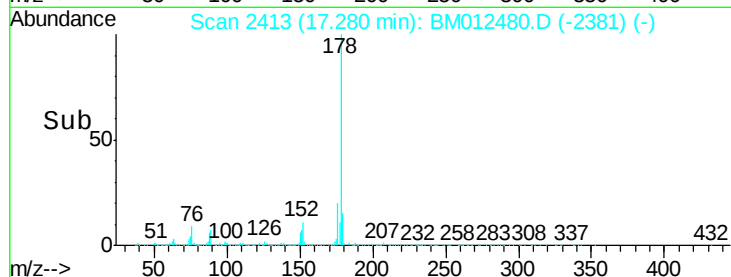
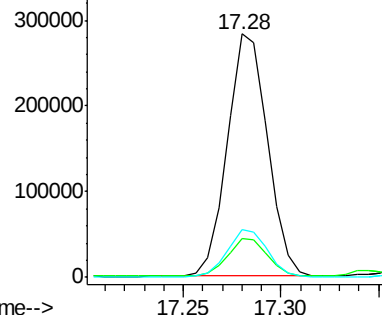
176 19.5 14.9 22.3



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



#71

Anthracene

Concen: 3.56 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.11 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

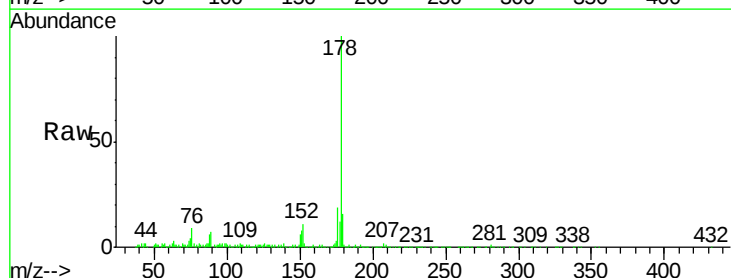
Tgt Ion:178 Resp: 403254

Ion Ratio Lower Upper

178 100

179 15.9 11.7 17.5

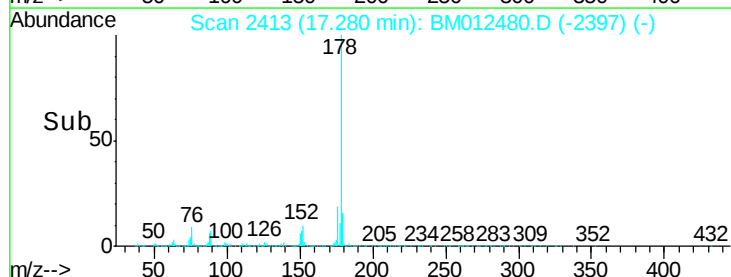
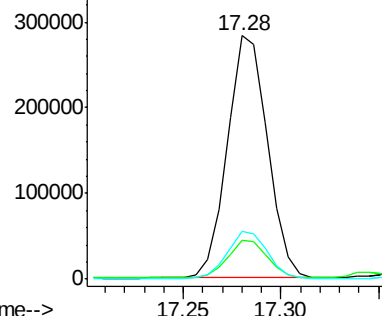
176 19.5 14.6 21.8

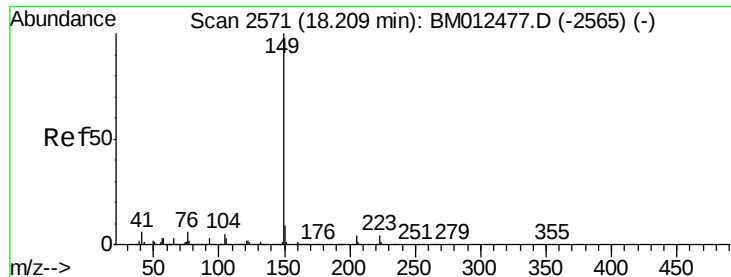


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#73

Di-n-butylphthalate

Concen: 2.90 ng/ul

RT: 18.21 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

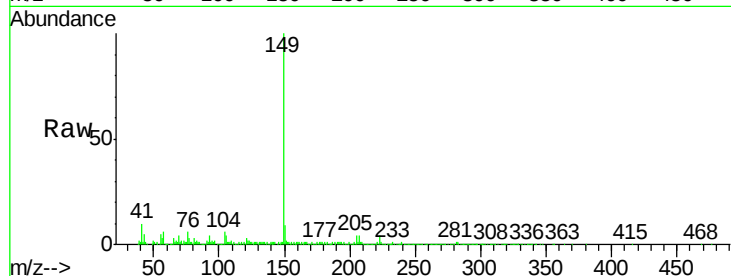
Tot Ion:149 Resp: 347006

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

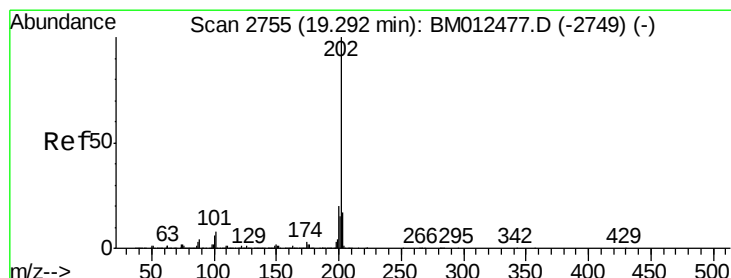
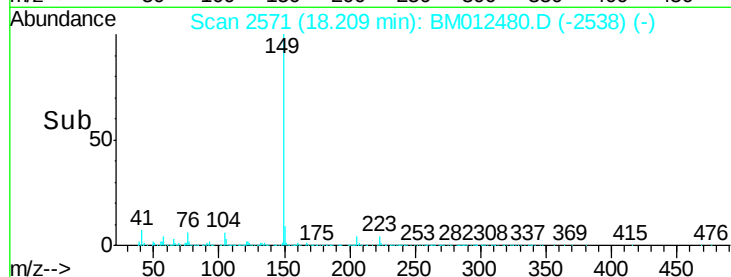
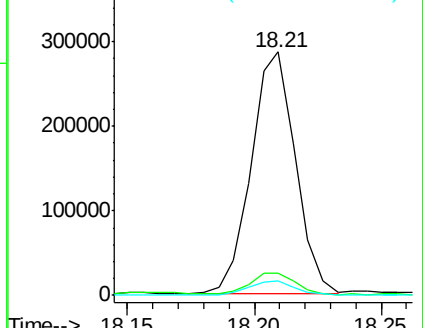
104 6.1 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 5.18 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

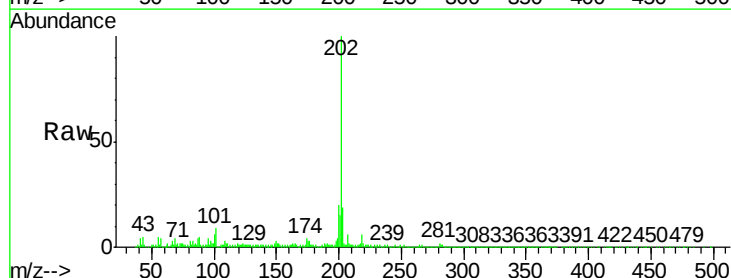
Tgt Ion:202 Resp: 644016

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

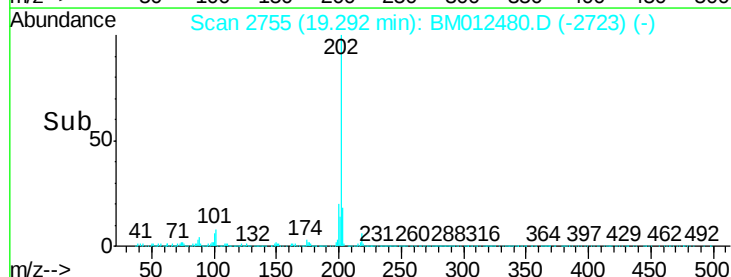
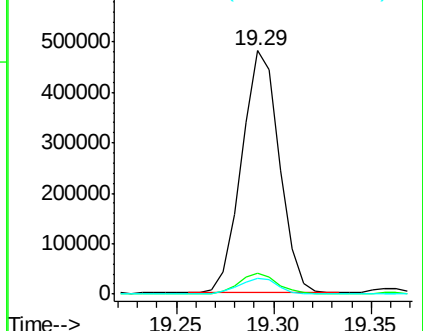
100 6.5 3.4 5.2#

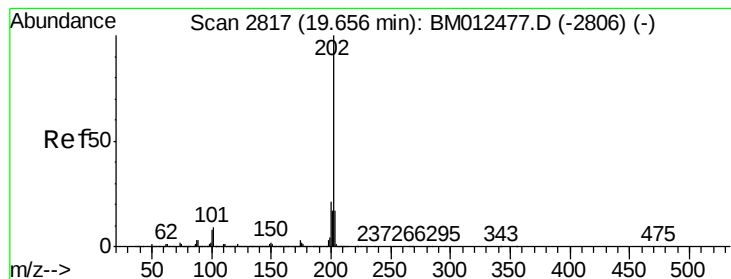


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.96 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

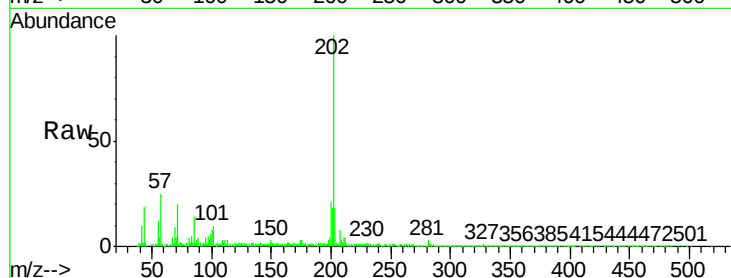
Tot Ion:202 Resp: 634958

Ion Ratio Lower Upper

202 100

101 10.2 5.1 7.7#

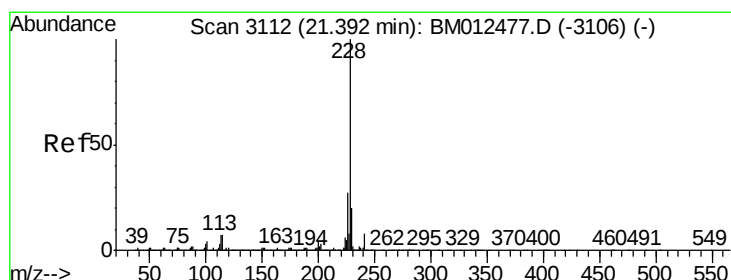
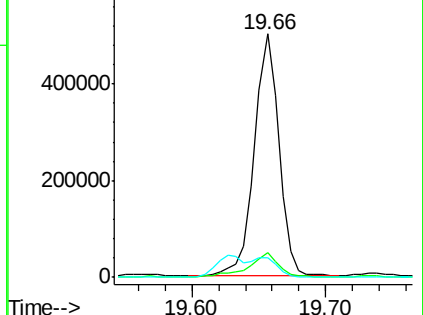
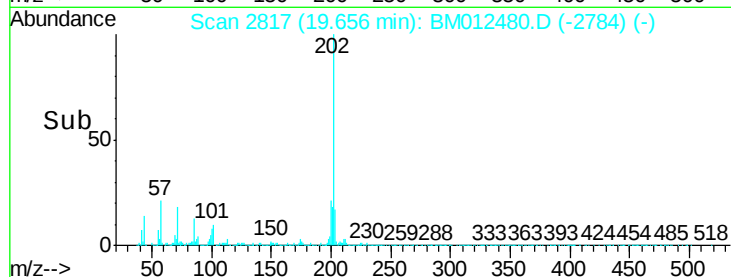
100 7.9 4.9 7.3#



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: 2.59 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

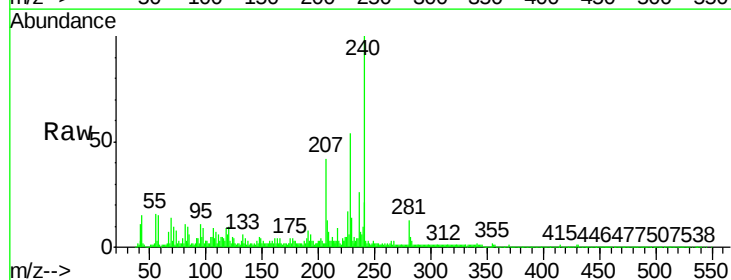
Tgt Ion:228 Resp: 348681

Ion Ratio Lower Upper

228 100

229 25.4 15.4 23.0#

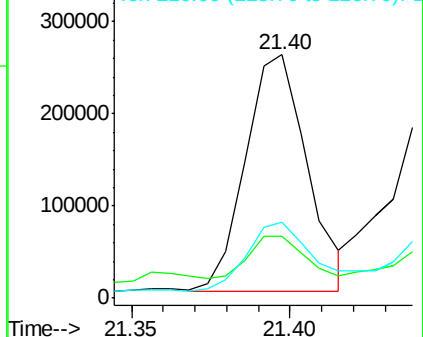
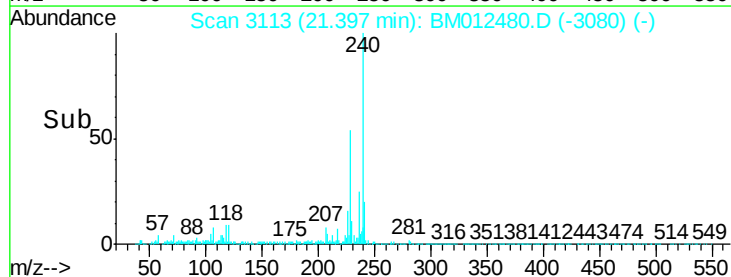
226 31.2 21.4 32.0

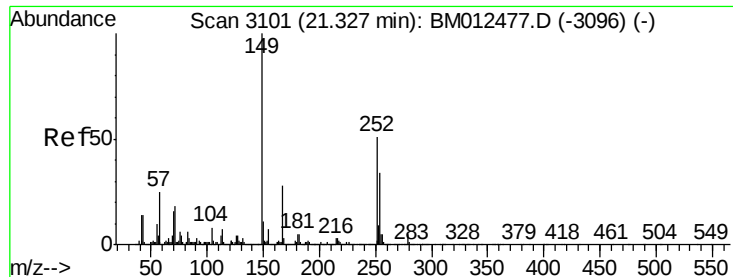


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

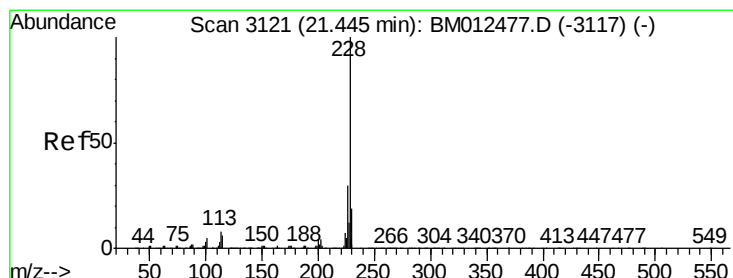
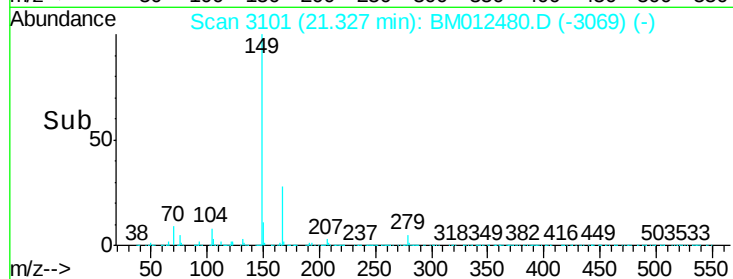
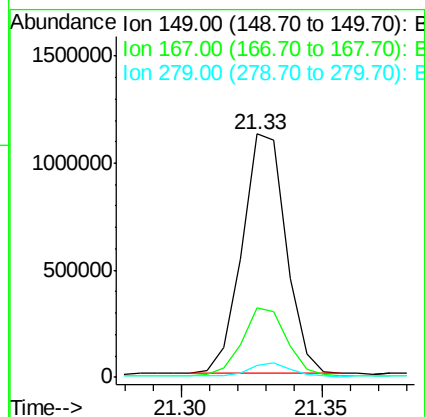
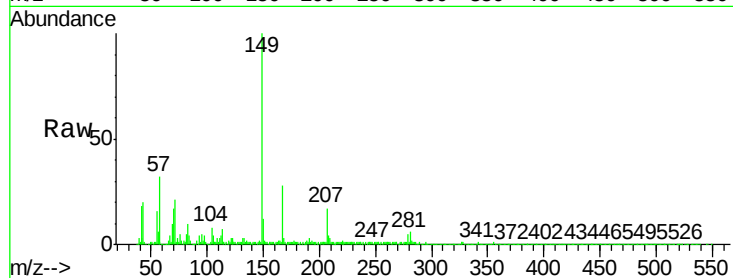




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 15.63 ng/ul
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM012480.D
 Acq: 27 Oct 2017 11:20

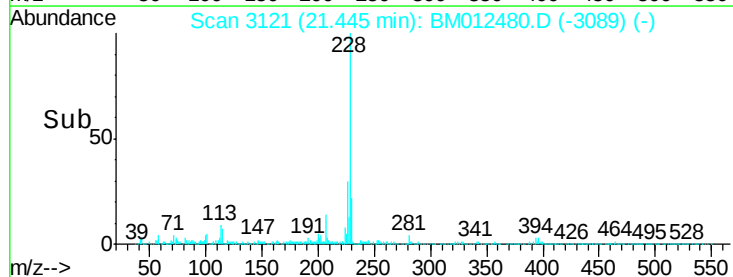
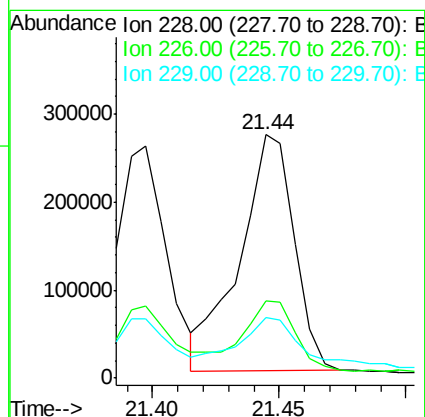
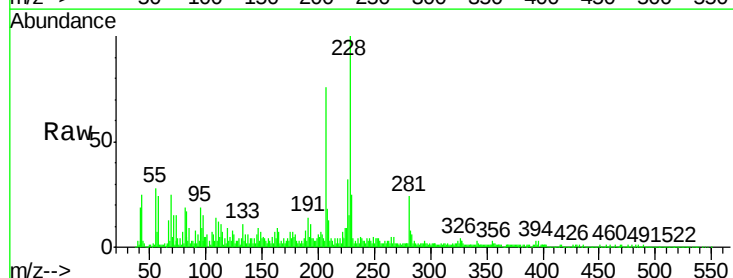
Instrument :
 BNA_M
 ClientSampleId :

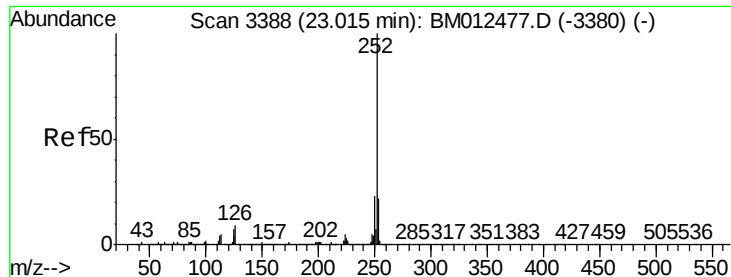
Tot Ion:149 Resp: 1199735
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.8 34.2
 279 5.0 4.9 7.3



#82
 Chrysene
 Concen: 3.37 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BM012480.D
 Acq: 27 Oct 2017 11:20

Tgt Ion:228 Resp: 404260
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.4 35.2
 229 24.6 15.5 23.3#





#85

Benzo(b)fluoranthene

Concen: 3.42 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

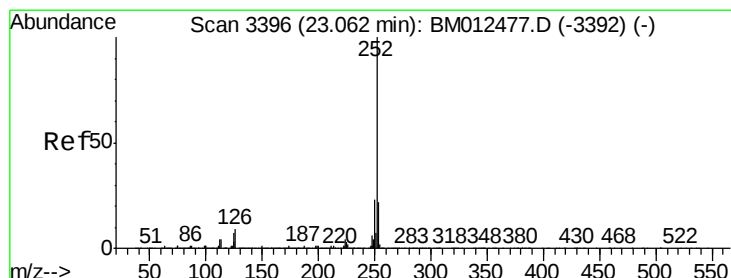
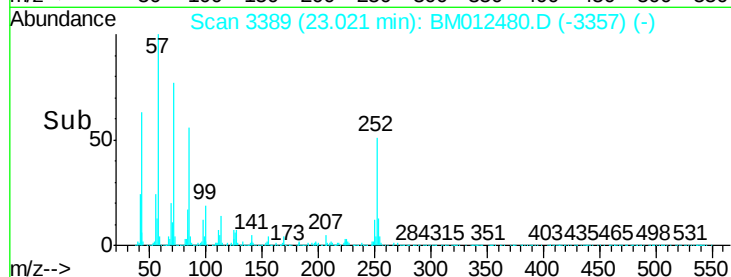
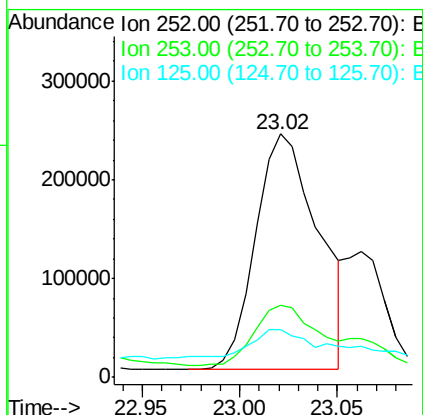
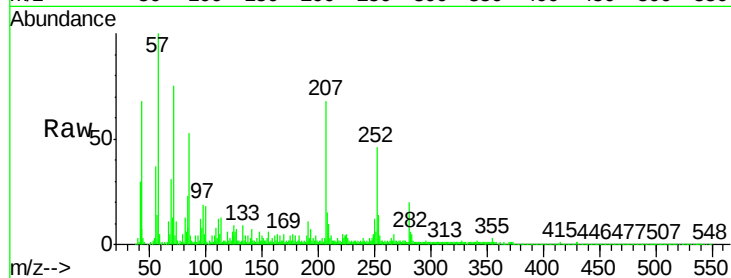
Tot Ion:252 Resp: 530573

Ion Ratio Lower Upper

252 100

253 29.9 17.9 26.9#

125 19.7 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 3.64 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.06 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

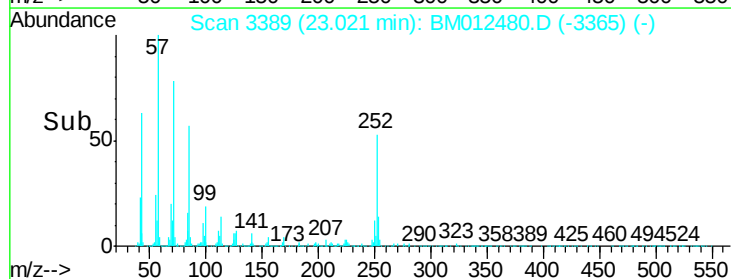
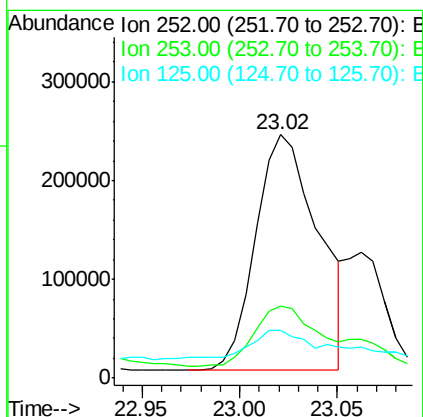
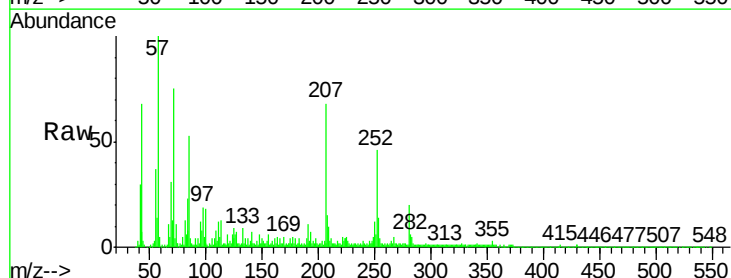
Tgt Ion:252 Resp: 530573

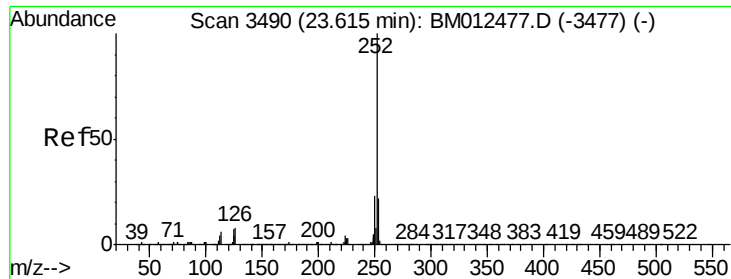
Ion Ratio Lower Upper

252 100

253 29.9 17.1 25.7#

125 19.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 2.56 ng/ul

RT: 23.61 min Scan# 3490

Delta R.T. -0.01 min

Lab File: BM012480.D

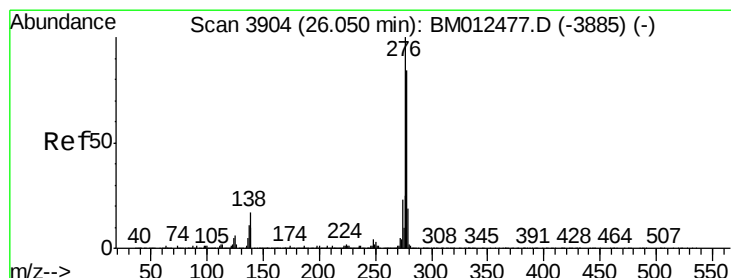
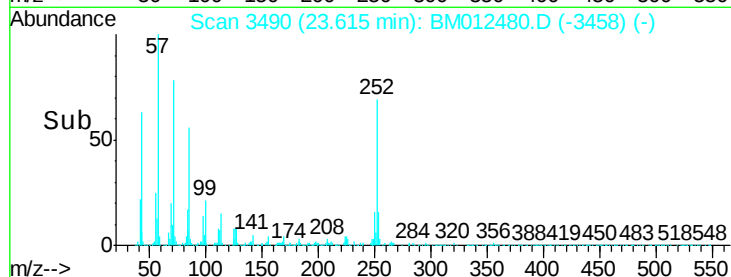
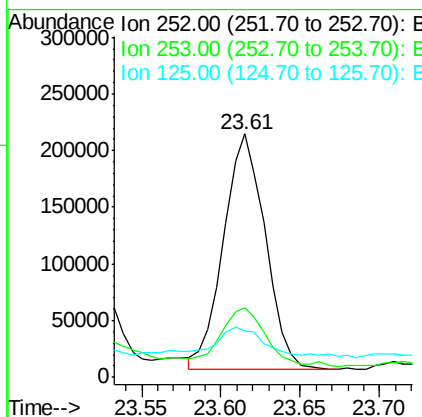
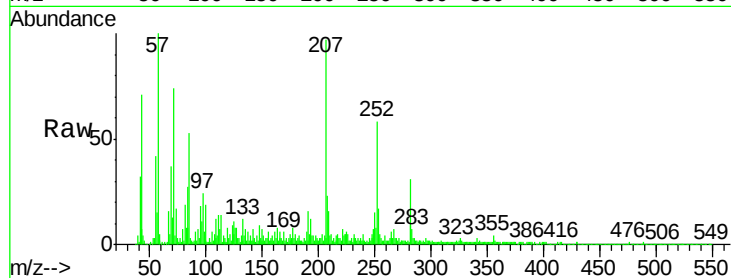
Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	378492
Ion Ratio	Lower	Upper	
252	100		
253	28.8	18.2	27.2#
125	19.2	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.65 ng/ul

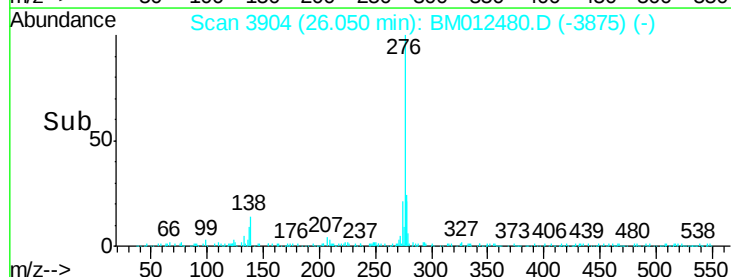
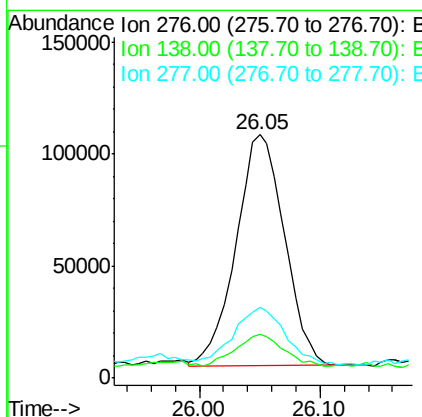
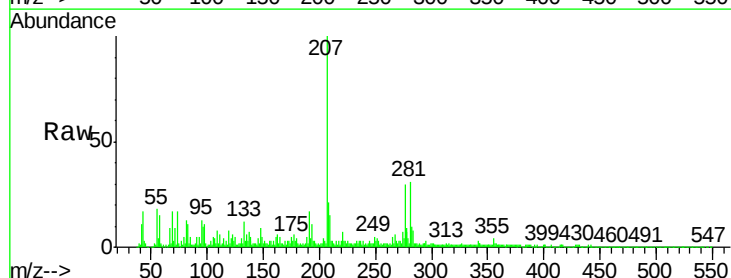
RT: 26.05 min Scan# 3904

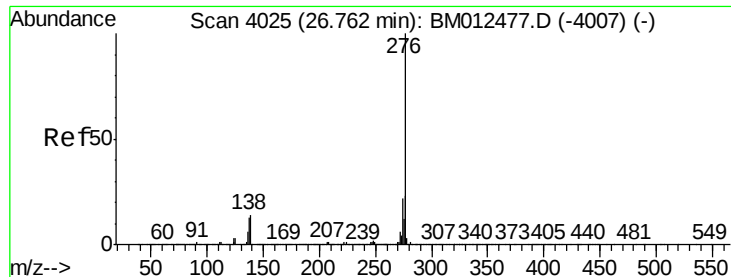
Delta R.T. -0.03 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Tgt Ion:	276	Resp:	286365
Ion Ratio	Lower	Upper	
276	100		
138	17.8	9.3	13.9#
277	29.1	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.74 ng/ul

RT: 26.77 min Scan# 4026

Delta R.T. -0.03 min

Lab File: BM012480.D

Acq: 27 Oct 2017 11:20

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 245749

Ion Ratio Lower Upper

276 100

138 22.3 8.5 12.7#

277 30.6 18.6 28.0#

