

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
 Data File : BM012551.D
 Acq On : 29 Oct 2017 07:11
 Operator : SJ/JU
 Sample : I5919-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 30 09:20:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 30 09:15:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	552712	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2011400	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1069260	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	2258677	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2516231	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2868392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	46937	4.34	ng/uL	0.00
5) Phenol-d5	7.03	99	895973	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	574834	20.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	734189	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	576189	14.60	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	350069	27.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	388184	29.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	707929	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	734229	20.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	2094523	22.42	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	2625929	23.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	224538	16.17	ng/ul	0.00
57) Fluorene-d10	15.49	176	1774353	22.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	181327	16.59	ng/ul	0.00
70) Anthracene-d10	17.33	188	2542655	23.62	ng/ul	0.00
76) Pyrene-d10	19.62	212	2857246	24.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3307003	24.27	ng/ul	0.00

Target Compounds

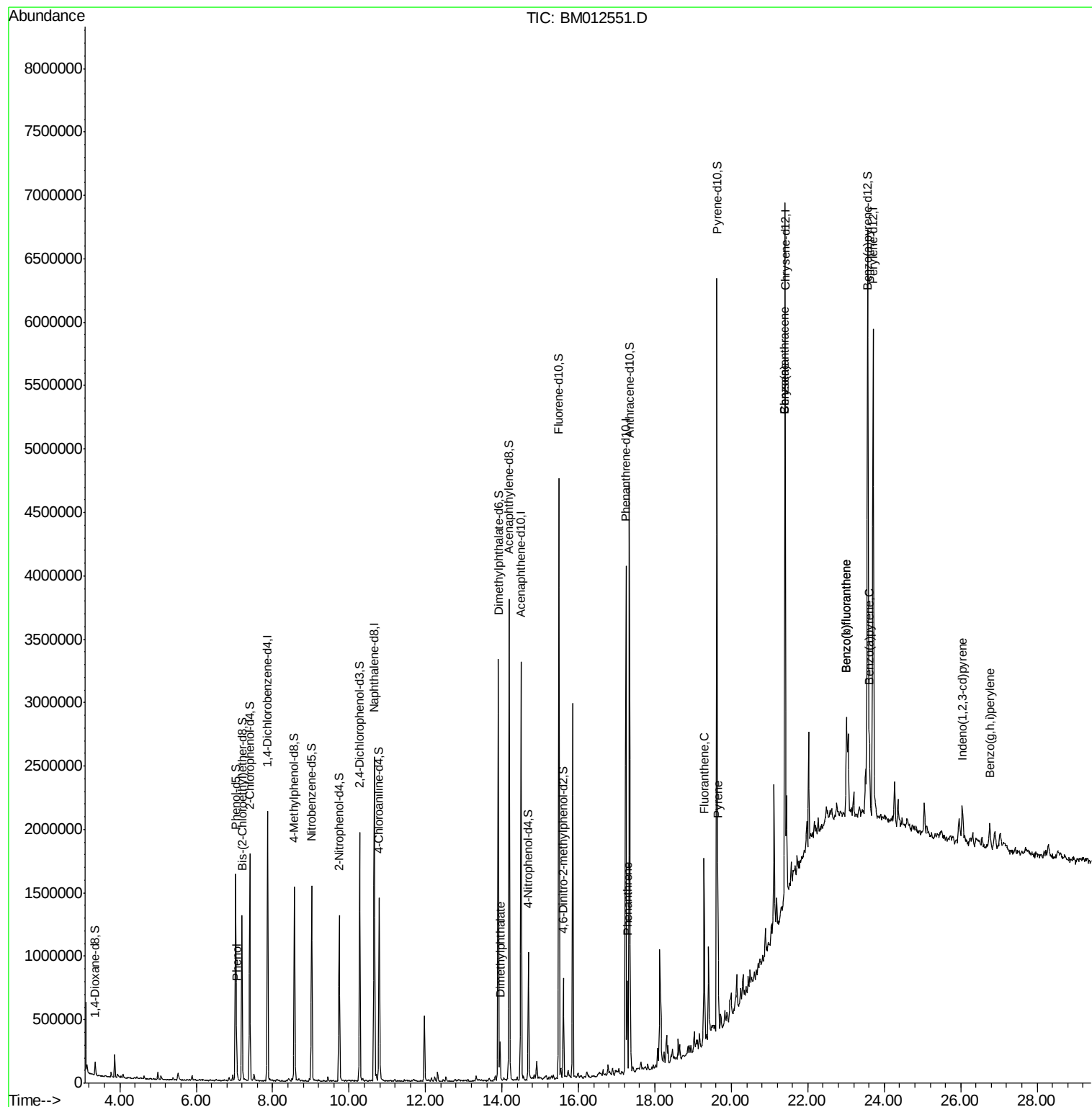
						Ovalue
6) Phenol	7.06	94	105803	2.20	ng/ul#	82
44) Dimethylphthalate	13.95	163	177696	1.92	ng/ul	98
69) Phenanthrene	17.28	178	425825	3.49	ng/ul	100
74) Fluoranthene	19.29	202	821270	5.93	ng/ul#	92
77) Pyrene	19.65	202	740743	5.18	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	502010	3.33	ng/ul	97
82) Chrysene	21.39	228	502010	3.75	ng/ul	97
85) Benzo(b)fluoranthene	23.01	252	583076	3.29	ng/ul#	95
86) Benzo(k)fluoranthene	23.01	252	583076	3.49	ng/ul#	93
88) Benzo(a)pyrene	23.61	252	434743	2.57	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.04	276	281769	1.42	ng/ul#	92
91) Benzo(g,h,i)perylene	26.76	276	243562	1.51	ng/ul#	92

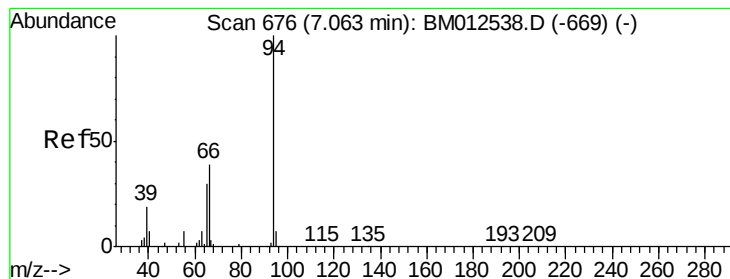
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.20 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

ClientSampleId :

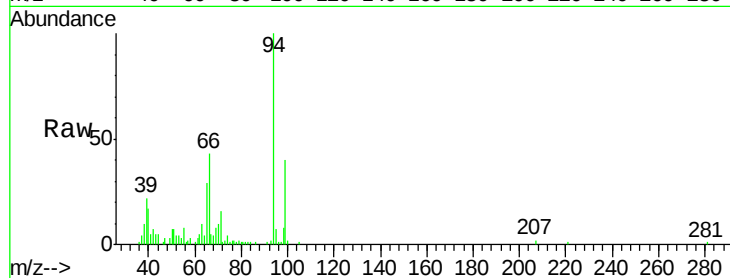
Tot Ion: 94 Resp: 105803

Ion Ratio Lower Upper

94 100

65 28.6 28.2 42.4

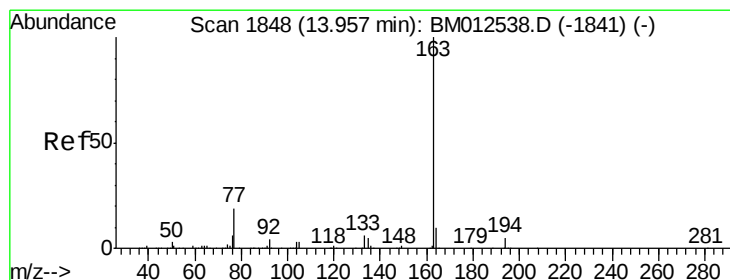
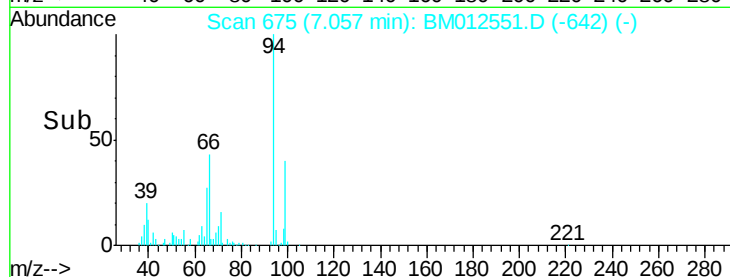
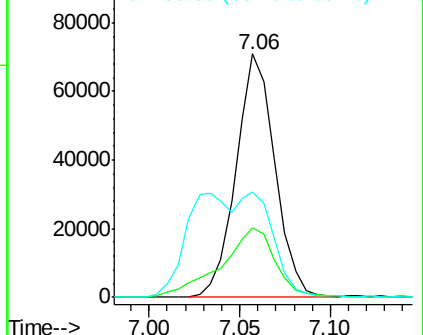
66 43.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012538.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012538.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012538.D (-669) (-)



#44

Dimethylphthalate

Concen: 1.92 ng/ul

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

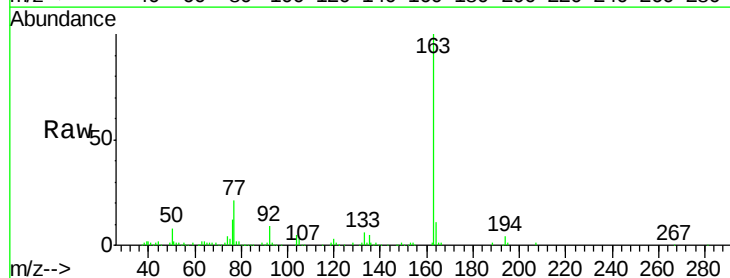
Tgt Ion: 163 Resp: 177696

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

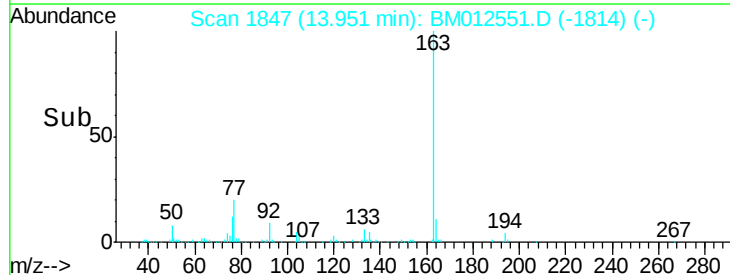
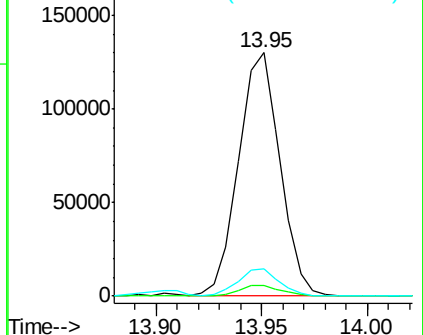
164 11.5 8.2 12.4

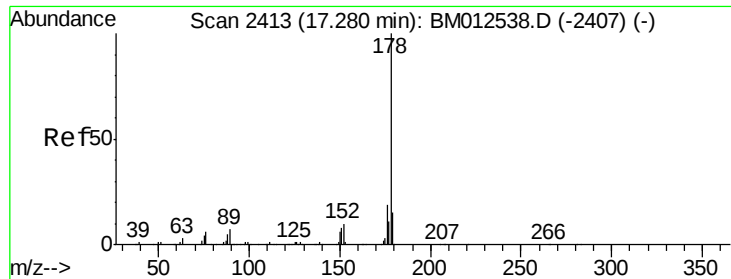


Abundance Ion 163.00 (162.70 to 163.70): BM012538.D (-1841) (-)

Ion 194.00 (193.70 to 194.70): BM012538.D (-1841) (-)

Ion 164.00 (163.70 to 164.70): BM012538.D (-1841) (-)





#69

Phenanthrene

Concen: 3.49 ng/ul

RT: 17.28 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

ClientSampleId :

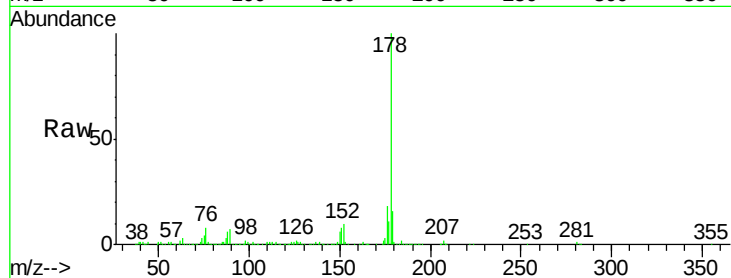
Tot Ion:178 Resp: 425825

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

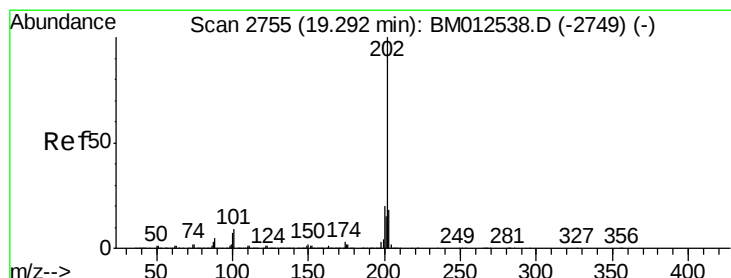
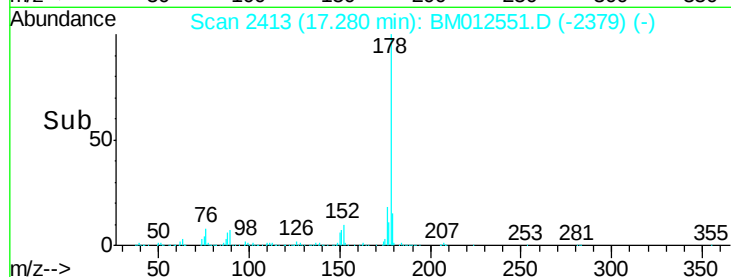
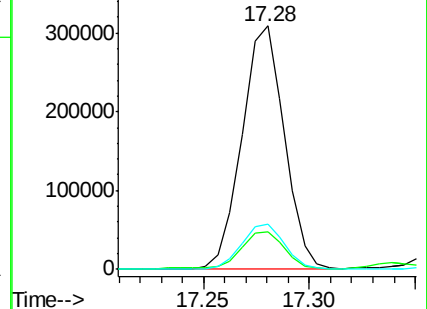
176 18.5 14.9 22.3



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



#74

Fluoranthene

Concen: 5.93 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

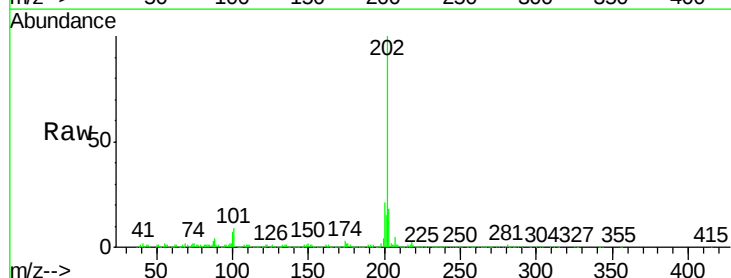
Tgt Ion:202 Resp: 821270

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

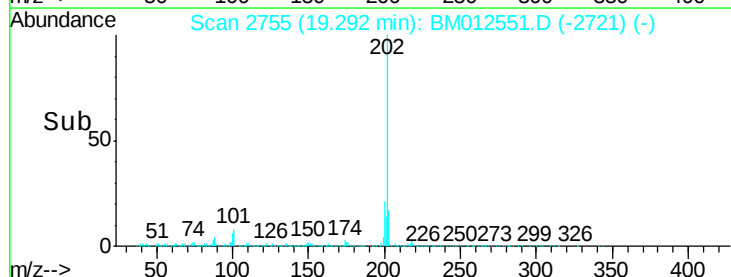
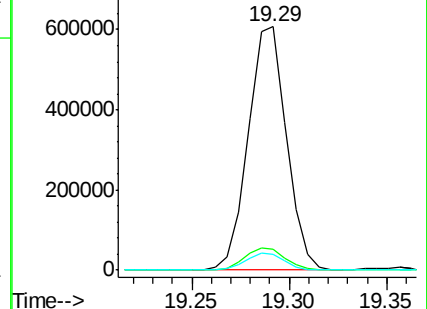
100 6.6 3.4 5.2#

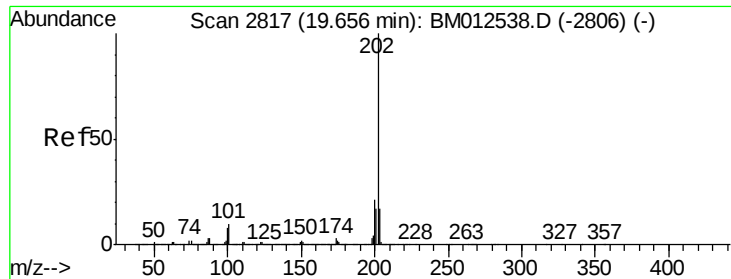


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#77

Pvrene

Concen: 5.18 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

ClientSampleId :

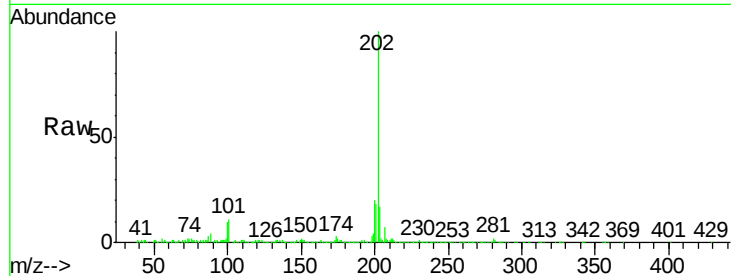
Tot Ion:202 Resp: 740743

Ion Ratio Lower Upper

202 100

101 10.7 5.1 7.7#

100 9.6 4.9 7.3#

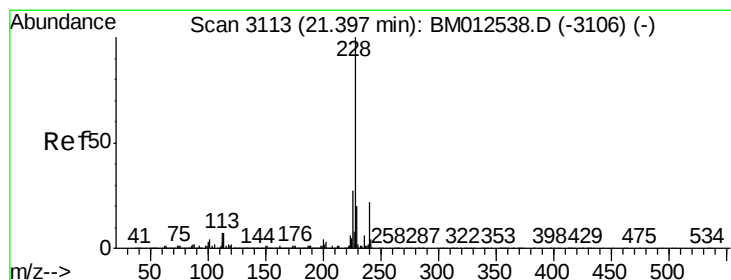
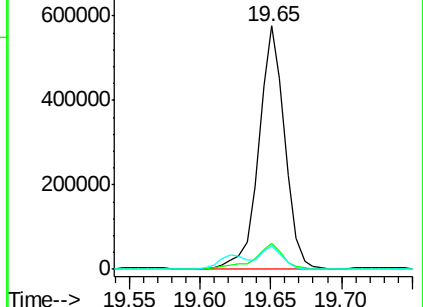
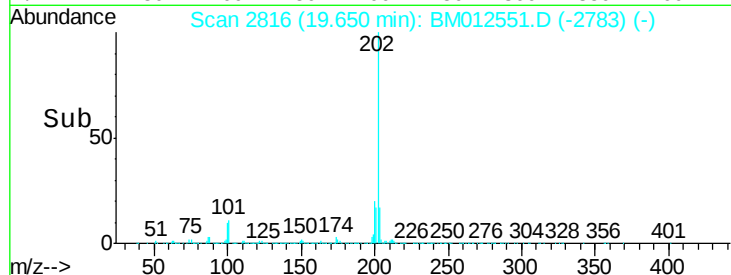


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.55 19.60 19.65 19.70



#80

Benzo(a)anthracene

Concen: 3.33 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

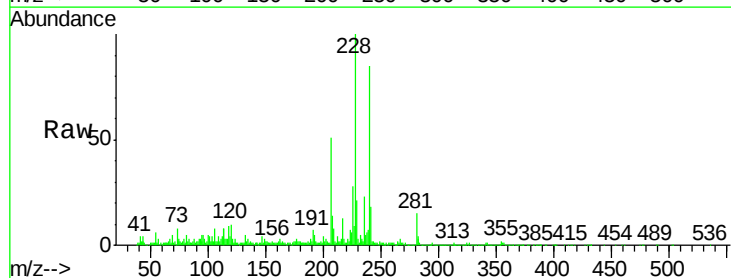
Tgt Ion:228 Resp: 502010

Ion Ratio Lower Upper

228 100

229 21.4 15.4 23.0

226 27.8 21.4 32.0

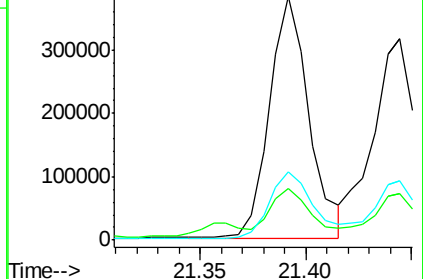
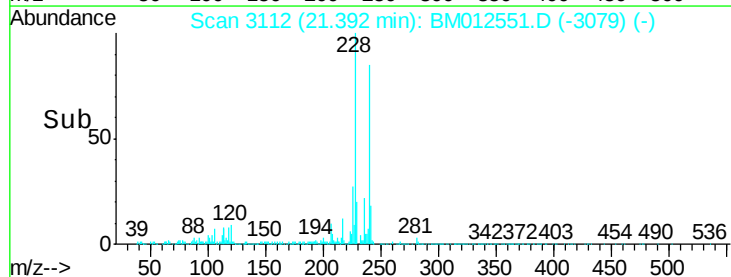


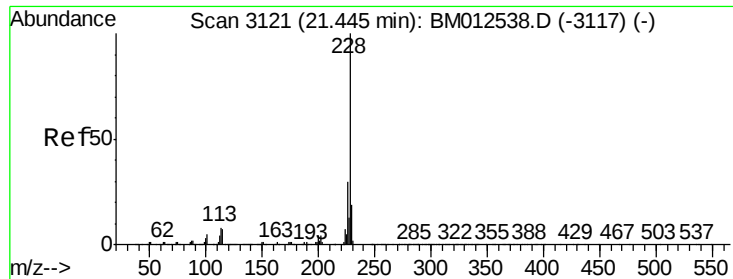
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time--> 21.35 21.40





#82

Chrysene

Concen: 3.75 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.05 min

Lab File: BM012551.D

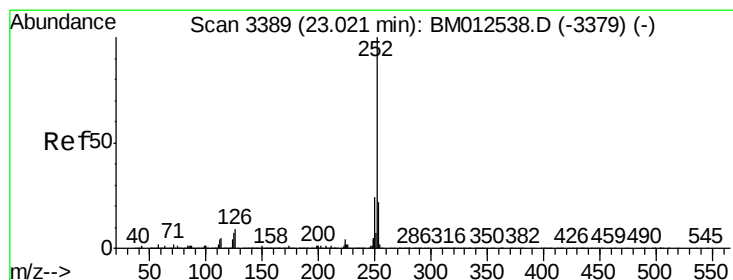
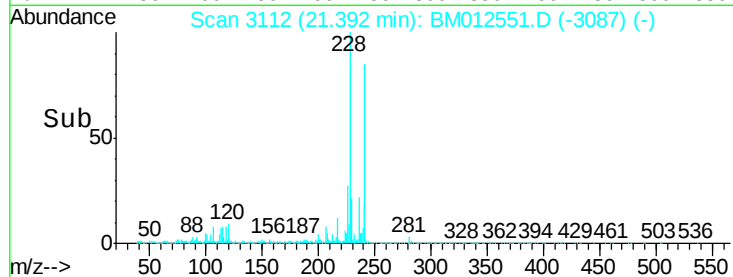
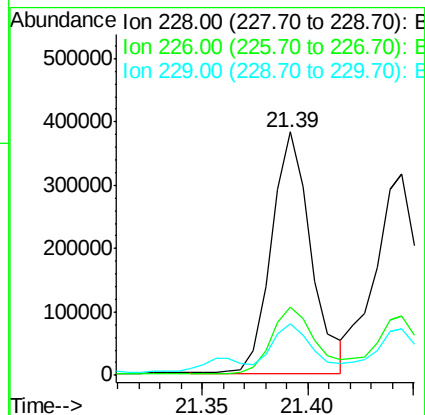
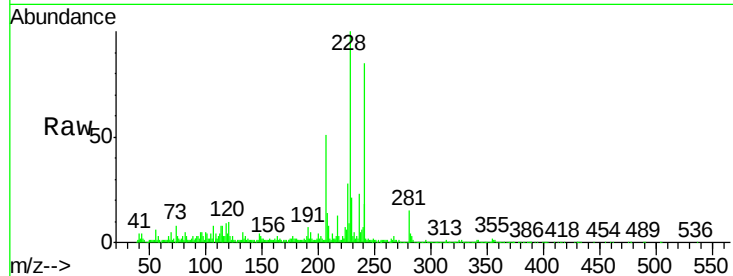
Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

ClientSampled :

Tot	Ion:228	Resp:	502010
Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	21.4	15.5	23.3



#85

Benzo(b)fluoranthene

Concen: 3.29 ng/ul

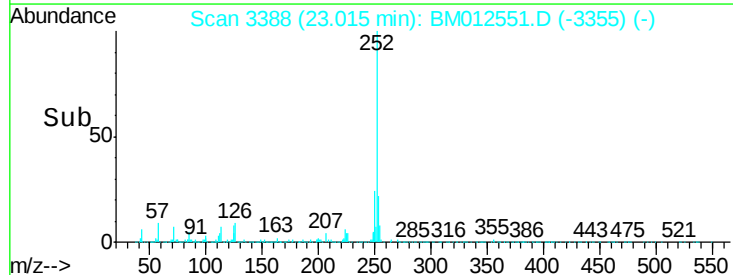
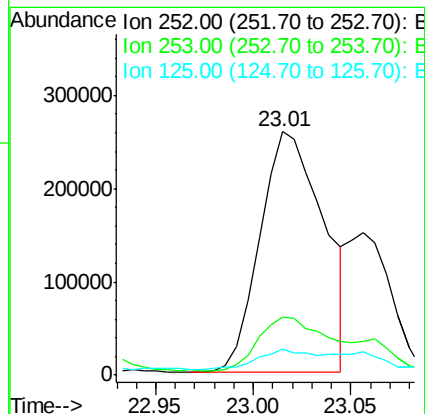
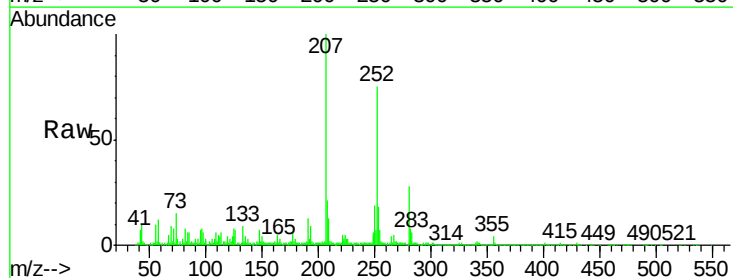
RT: 23.01 min Scan# 3388

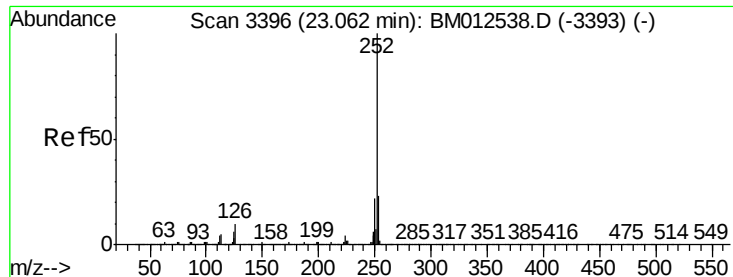
Delta R.T. -0.01 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Tgt	Ion:252	Resp:	583076
Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	10.5	3.6	5.4#

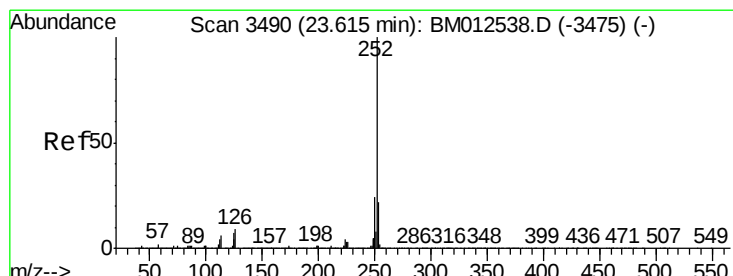
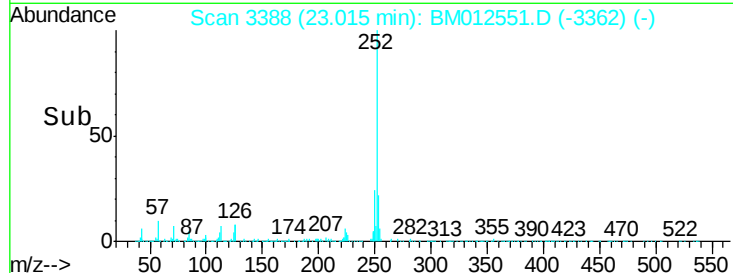
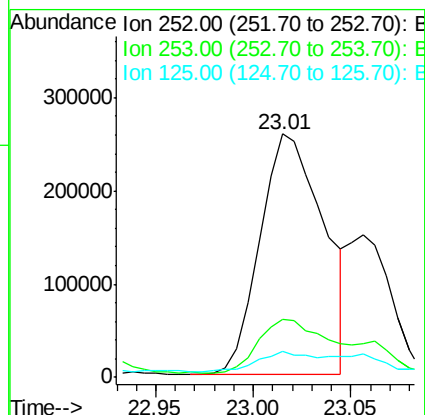
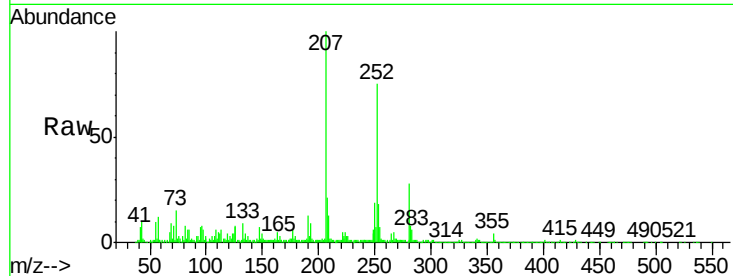




#86
Benzo(k)fluoranthene
Concen: 3.49 ng/ul
RT: 23.01 min Scan# 3388
Delta R.T. -0.05 min
Lab File: BM012551.D
Acq: 29 Oct 2017 07:11

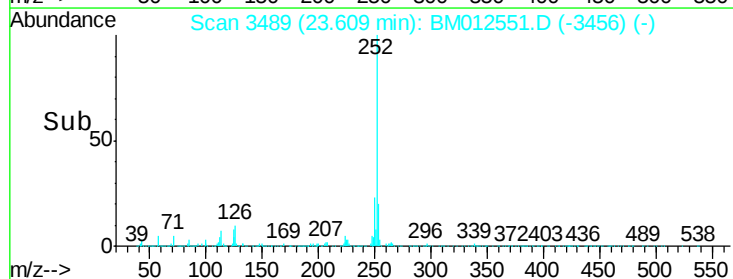
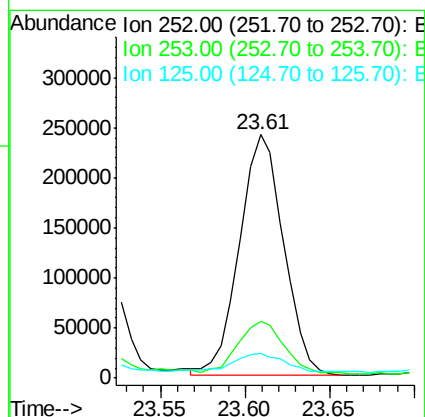
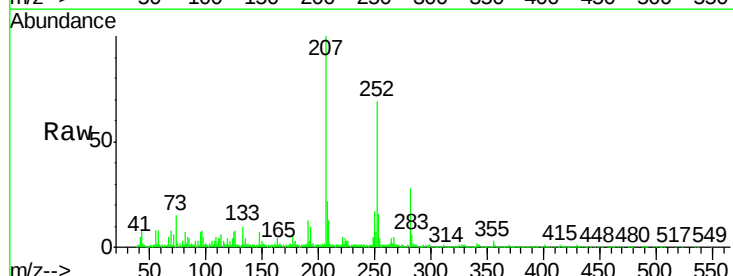
Instrument :
BNA_M
ClientSampleId :

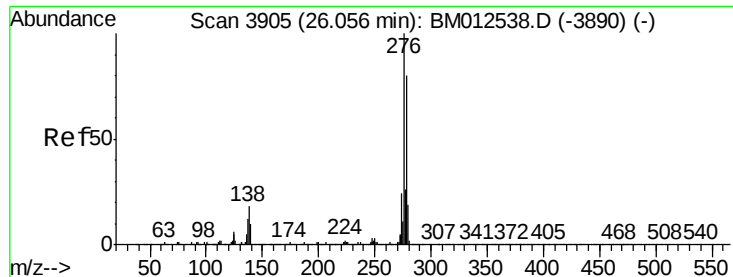
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	10.5	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 2.57 ng/ul
RT: 23.61 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM012551.D
Acq: 29 Oct 2017 07:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.2	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.42 ng/ul

RT: 26.04 min Scan# 3902

Delta R.T. -0.02 min

Lab File: BM012551.D

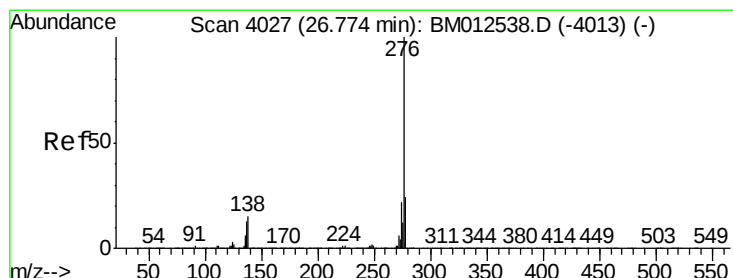
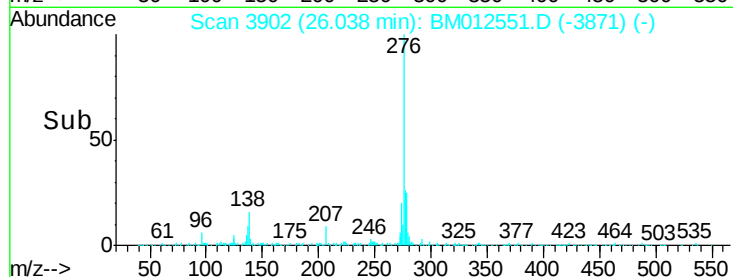
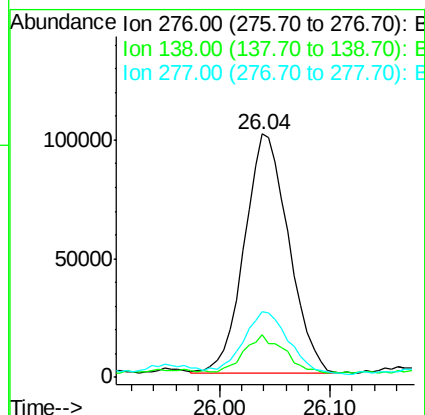
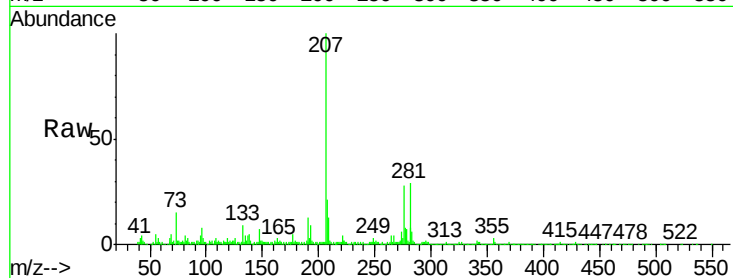
Acq: 29 Oct 2017 07:11

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	276	Resp:	281769
Ion	Ratio	Lower	Upper
276	100		
138	17.3	9.3	13.9#
277	27.1	19.9	29.9



#91

Benzo(g,h,i)perylene

Concen: 1.51 ng/ul

RT: 26.76 min Scan# 4024

Delta R.T. -0.02 min

Lab File: BM012551.D

Acq: 29 Oct 2017 07:11

Tgt Ion:	276	Resp:	243562
Ion	Ratio	Lower	Upper
276	100		
138	16.9	8.5	12.7#
277	25.5	18.6	28.0

