

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012466.D
 Acq On : 26 Oct 2017 06:14
 Operator : SJ/JU
 Sample : I5695-03DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 09:48:26 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	7.88	152	620745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2514798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1443034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2830069	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2417195	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2770974	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	6643	0.55	ng/uL	0.00
5) Phenol-d5	7.05	99	125837	2.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	80077	2.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	103437	2.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	99303	2.24	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	47977	3.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	53954	3.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	105425	2.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	31016	0.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	330399	2.62	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	390390	2.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	23515	1.25	ng/ul	0.00
57) Fluorene-d10	15.50	176	267916	2.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	10755	0.79	ng/ul	0.00
70) Anthracene-d10	17.34	188	363339	2.69	ng/ul	0.00
76) Pyrene-d10	19.63	212	342939	3.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	346781	2.63	ng/ul	0.00

Target Compounds

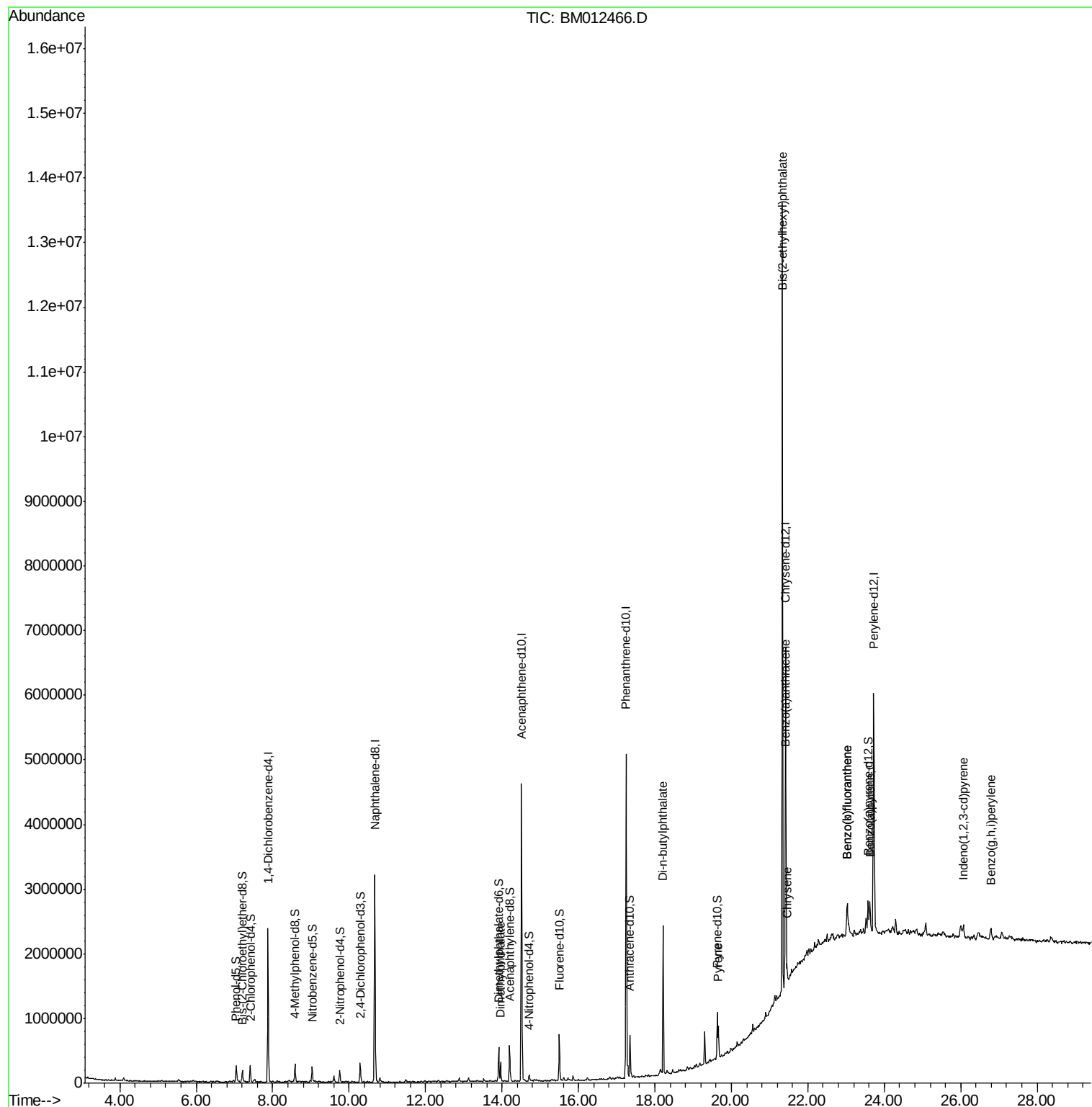
						Ovalue
44) Dimethylphthalate	13.96	163	187067	1.50	ng/ul	99
73) Di-n-butylphthalate	18.22	149	1584424	9.48	ng/ul#	98
77) Pyrene	19.66	202	284021	2.07	ng/ul#	93
80) Benzo(a)anthracene	21.40	228	194181	1.34	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.34	149	3902692	47.37	ng/ul	99
82) Chrysene	21.46	228	184007	1.43	ng/ul	94
85) Benzo(b)fluoranthene	23.03	252	347539	2.03	ng/ul#	80
86) Benzo(k)fluoranthene	23.03	252	347539	2.16	ng/ul#	78
88) Benzo(a)pyrene	23.62	252	234913	1.44	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.07	276	213898	1.11	ng/ul#	92
91) Benzo(g,h,i)perylene	26.78	276	191760	1.23	ng/ul#	91

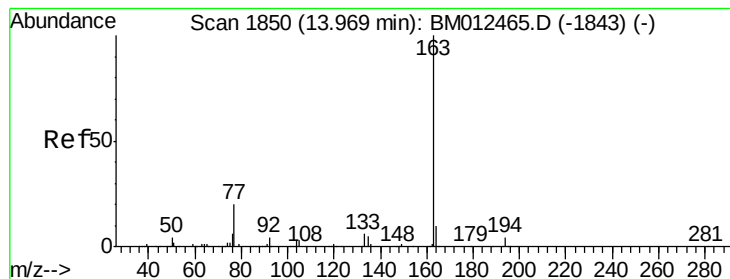
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.50 ng/ul

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

Instrument :

BNA_M

ClientSampleId :

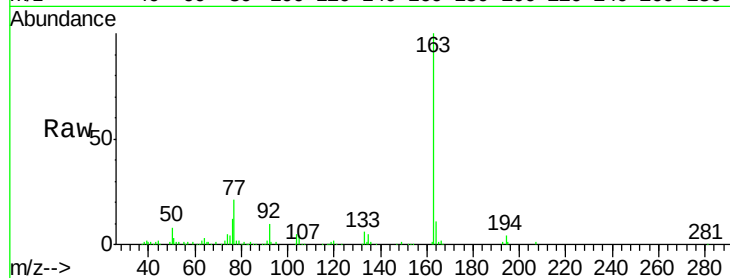
Tot Ion:163 Resp: 187067

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

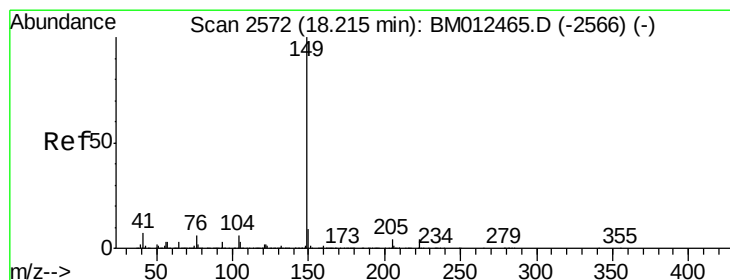
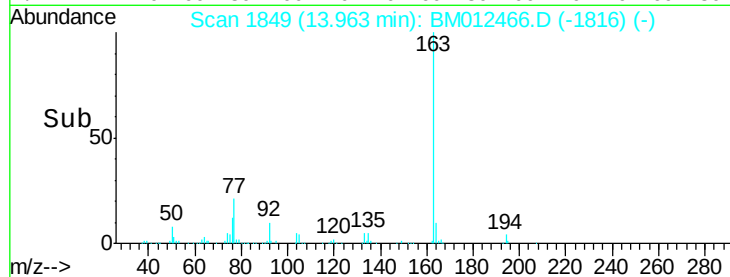
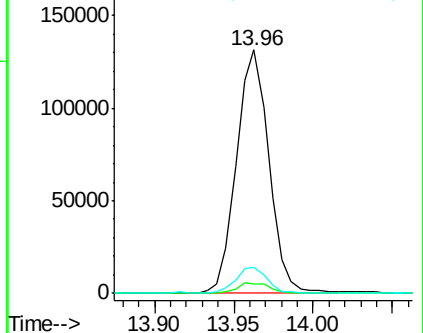
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

Di-n-butylphthalate

Concen: 9.48 ng/ul

RT: 18.22 min Scan# 2572

Delta R.T. 0.00 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

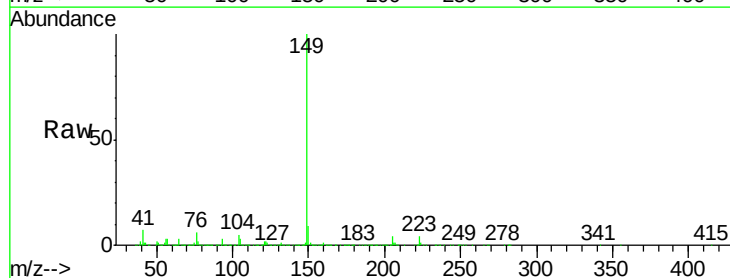
Tgt Ion:149 Resp: 1584424

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

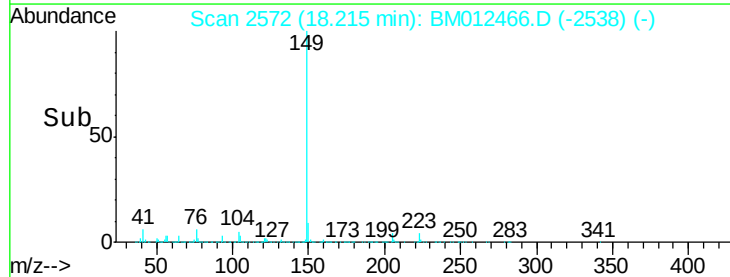
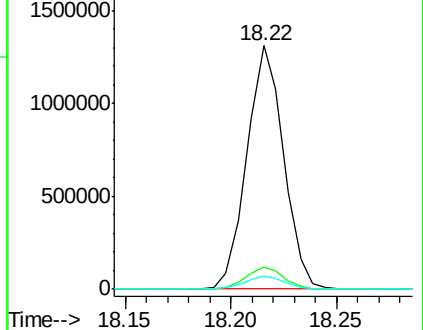
104 5.5 5.6 8.4#

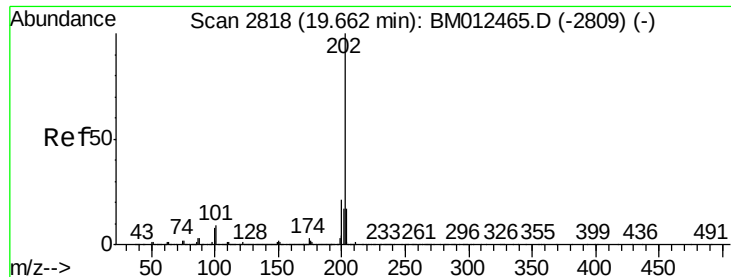


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Pvrene

Concen: 2.07 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

Instrument :

BNA_M

ClientSampled :

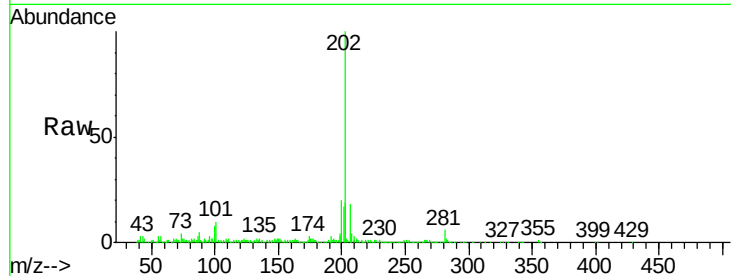
Tot Ion:202 Resp: 284021

Ion Ratio Lower Upper

202 100

101 9.6 5.1 7.7#

100 8.0 4.9 7.3#

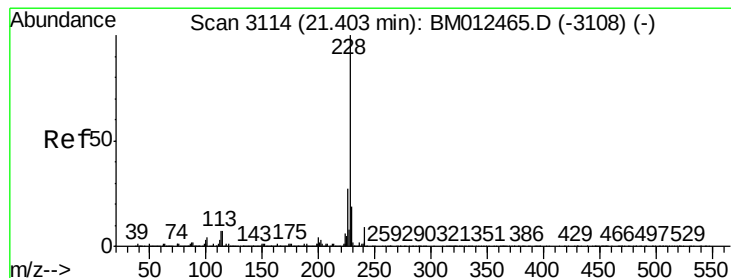
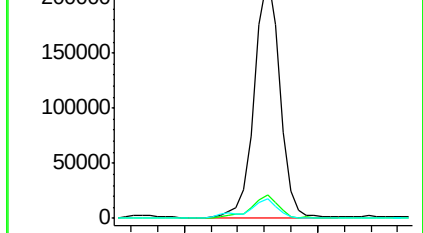
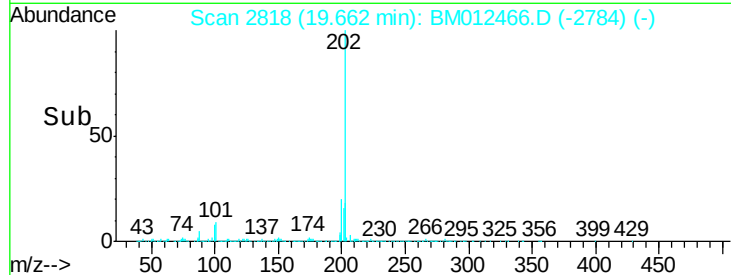


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#80

Benzo(a)anthracene

Concen: 1.34 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

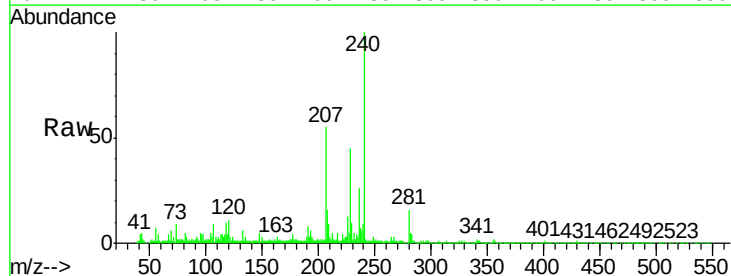
Tgt Ion:228 Resp: 194181

Ion Ratio Lower Upper

228 100

229 21.4 15.4 23.0

226 28.4 21.4 32.0

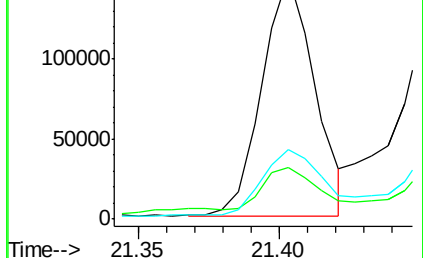
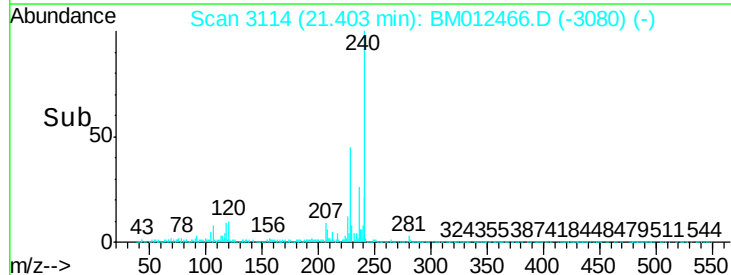


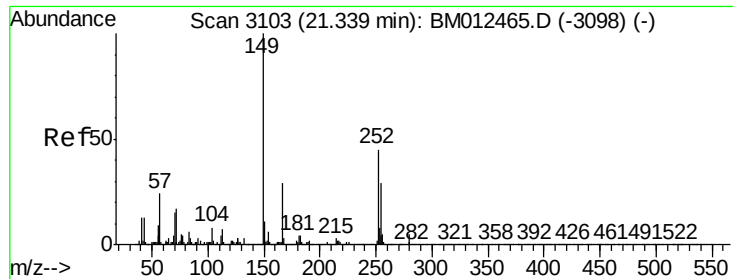
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->

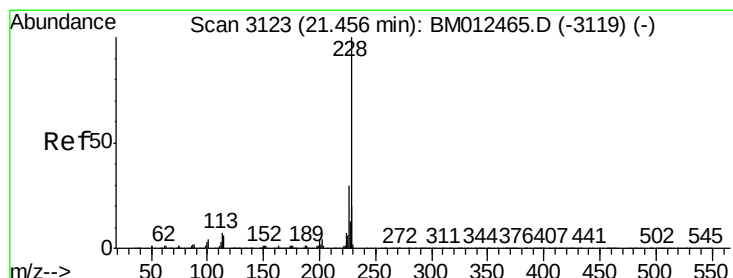
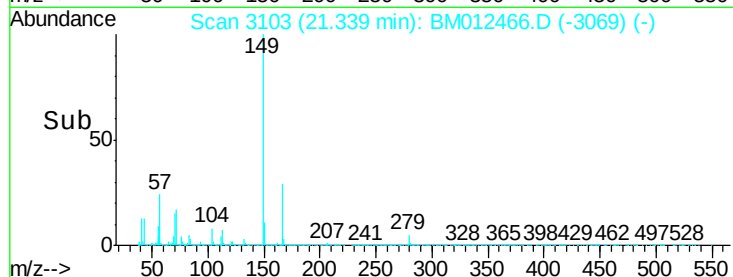
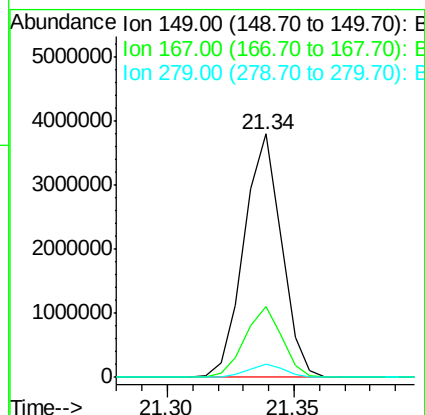
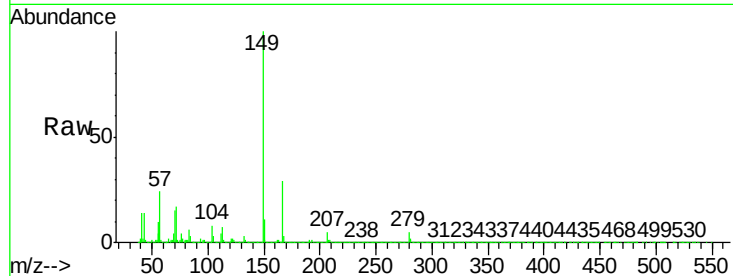




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 47.37 ng/ul
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM012466.D
 Acq: 26 Oct 2017 06:14

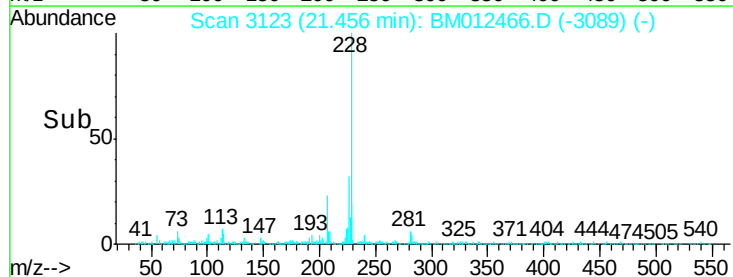
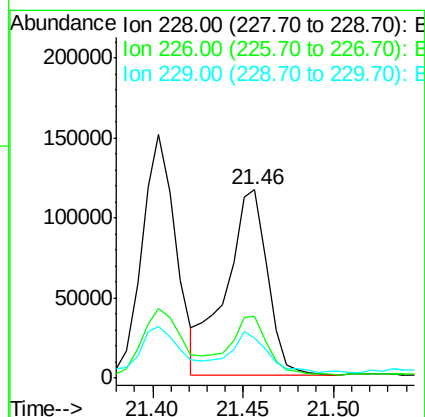
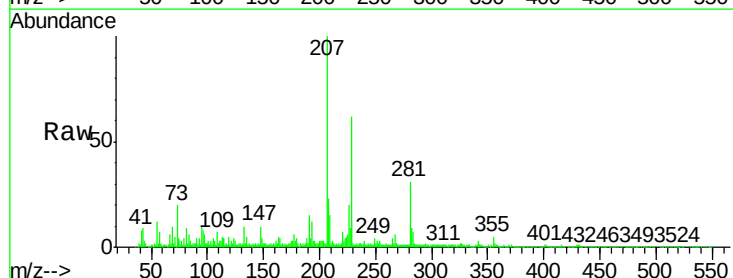
Instrument :
 BNA_M
 ClientSampleId :

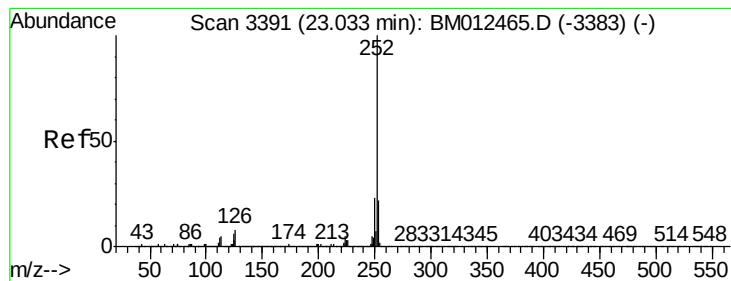
Tot Ion:149 Resp: 3902692
 Ion Ratio Lower Upper
 149 100
 167 29.0 22.8 34.2
 279 5.5 4.9 7.3



#82
 Chrysene
 Concen: 1.43 ng/ul
 RT: 21.46 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BM012466.D
 Acq: 26 Oct 2017 06:14

Tgt Ion:228 Resp: 184007
 Ion Ratio Lower Upper
 228 100
 226 32.9 23.4 35.2
 229 21.5 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 2.03 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.00 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

Instrument :

BNA_M

ClientSampleId :

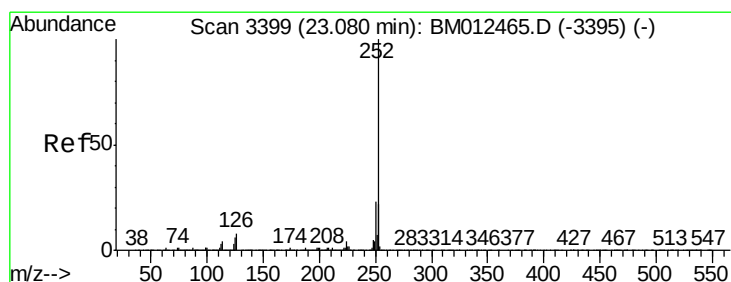
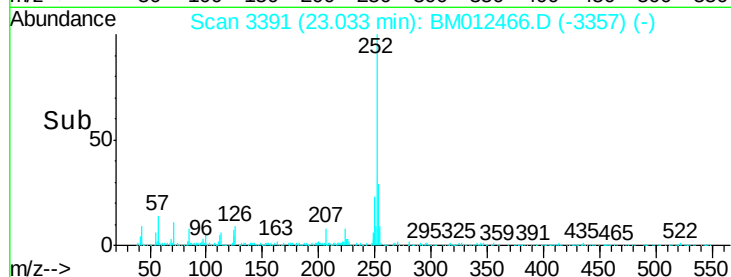
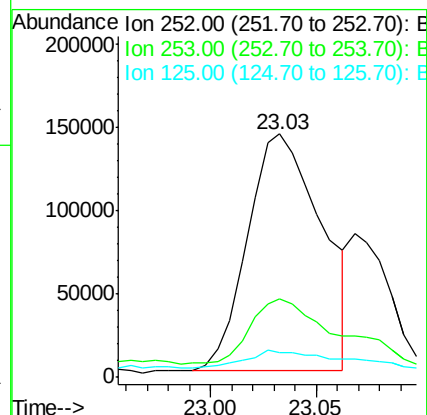
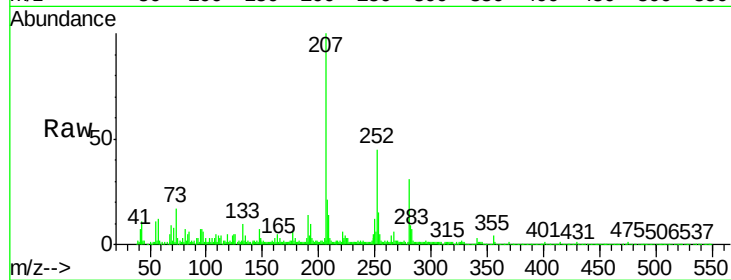
Tot Ion:252 Resp: 347539

Ion Ratio Lower Upper

252 100

253 32.3 17.9 26.9#

125 10.3 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 2.16 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. -0.05 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

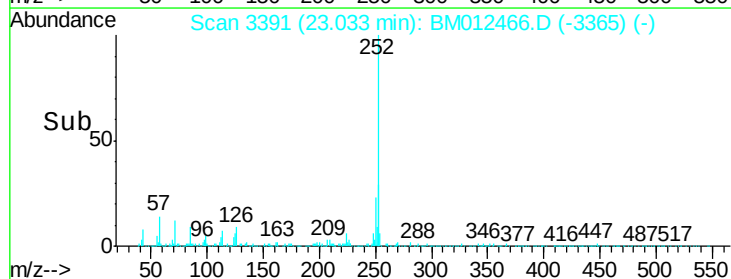
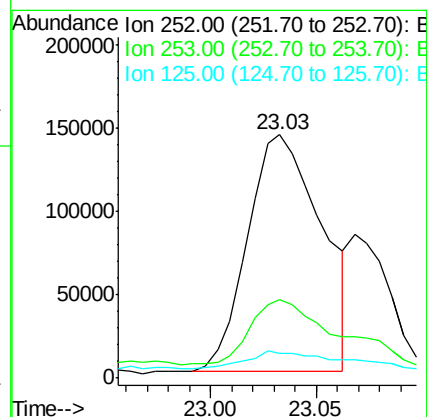
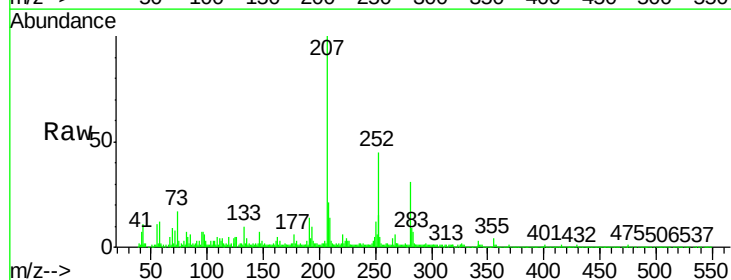
Tgt Ion:252 Resp: 347539

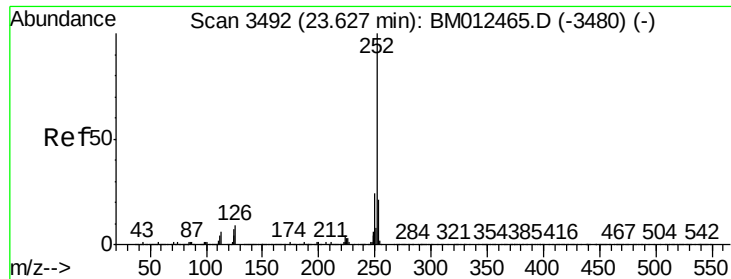
Ion Ratio Lower Upper

252 100

253 32.3 17.1 25.7#

125 10.3 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.44 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM012466.D

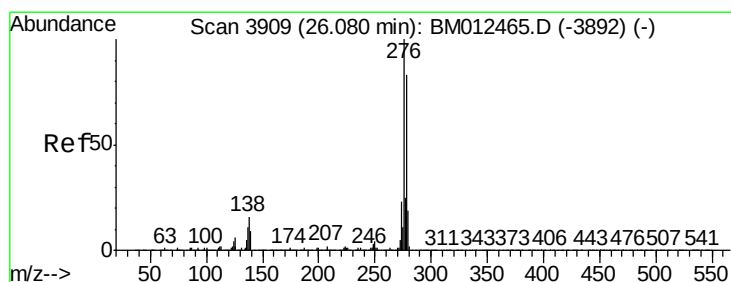
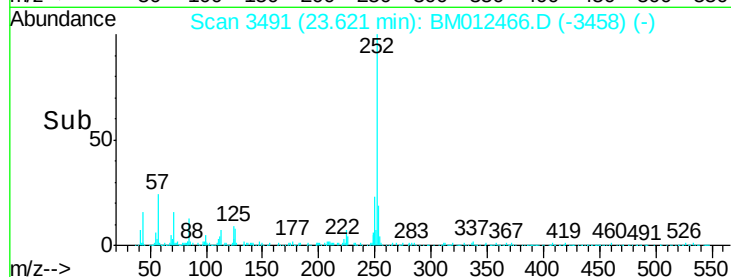
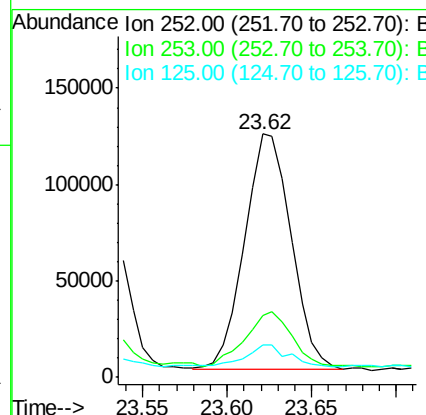
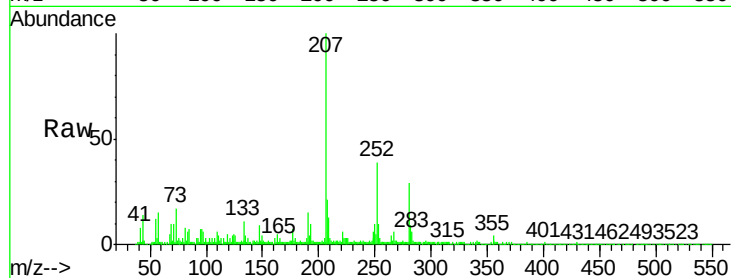
Acq: 26 Oct 2017 06:14

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	234913
Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	13.4	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.11 ng/ul

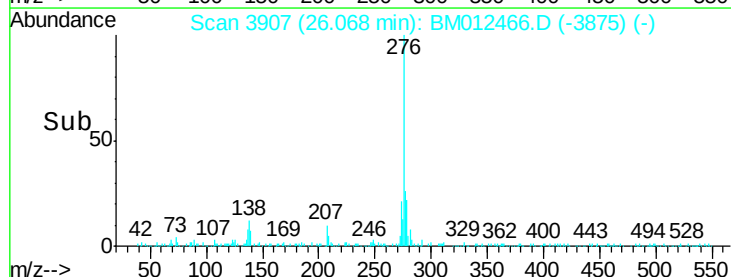
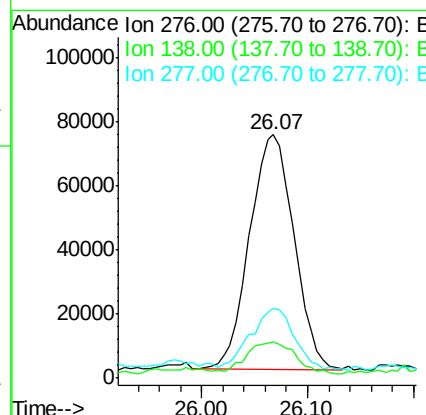
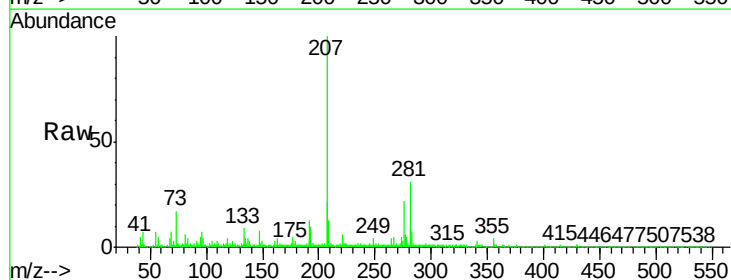
RT: 26.07 min Scan# 3907

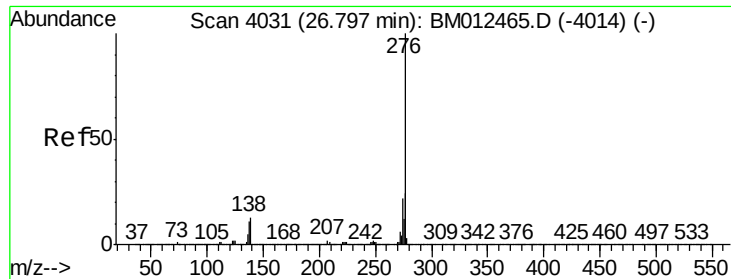
Delta R.T. -0.01 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

Tgt Ion:	276	Resp:	213898
Ion	Ratio	Lower	Upper
276	100		
138	14.7	9.3	13.9#
277	28.7	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 1.23 ng/ul

RT: 26.78 min Scan# 4028

Delta R.T. -0.02 min

Lab File: BM012466.D

Acq: 26 Oct 2017 06:14

Instrument :

BNA_M

ClientSampleId :

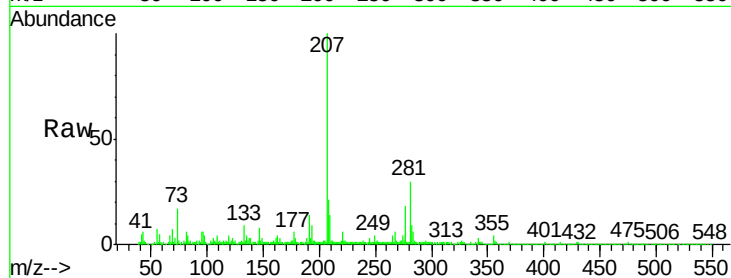
Tot Ion:276 Resp: 191760

Ion Ratio Lower Upper

276 100

138 15.8 8.5 12.7#

277 26.7 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

