

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012442.D
 Acq On : 25 Oct 2017 13:03
 Operator : SJ/JU
 Sample : I5693-05DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-33(0.5-1.5)-100417DL

Quant Time: Oct 26 02:27:55 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	667836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2883042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1879482	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	4486681	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	4605088	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3679933	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	4567	0.35	ng/uL	0.00
5) Phenol-d5	7.05	99	161137	2.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	143492	4.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	114191	2.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	151094	3.17	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	95913	5.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	59703	3.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	131306	2.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	264860	5.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	699167	4.26	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	900987	4.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	63118	2.59	ng/ul	0.01
57) Fluorene-d10	15.50	176	641355	4.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	12915	0.59	ng/ul	0.00
70) Anthracene-d10	17.34	188	1024473	4.79	ng/ul	0.00
76) Pyrene-d10	19.63	212	1126399	5.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	820414	4.69	ng/ul	0.01

Target Compounds

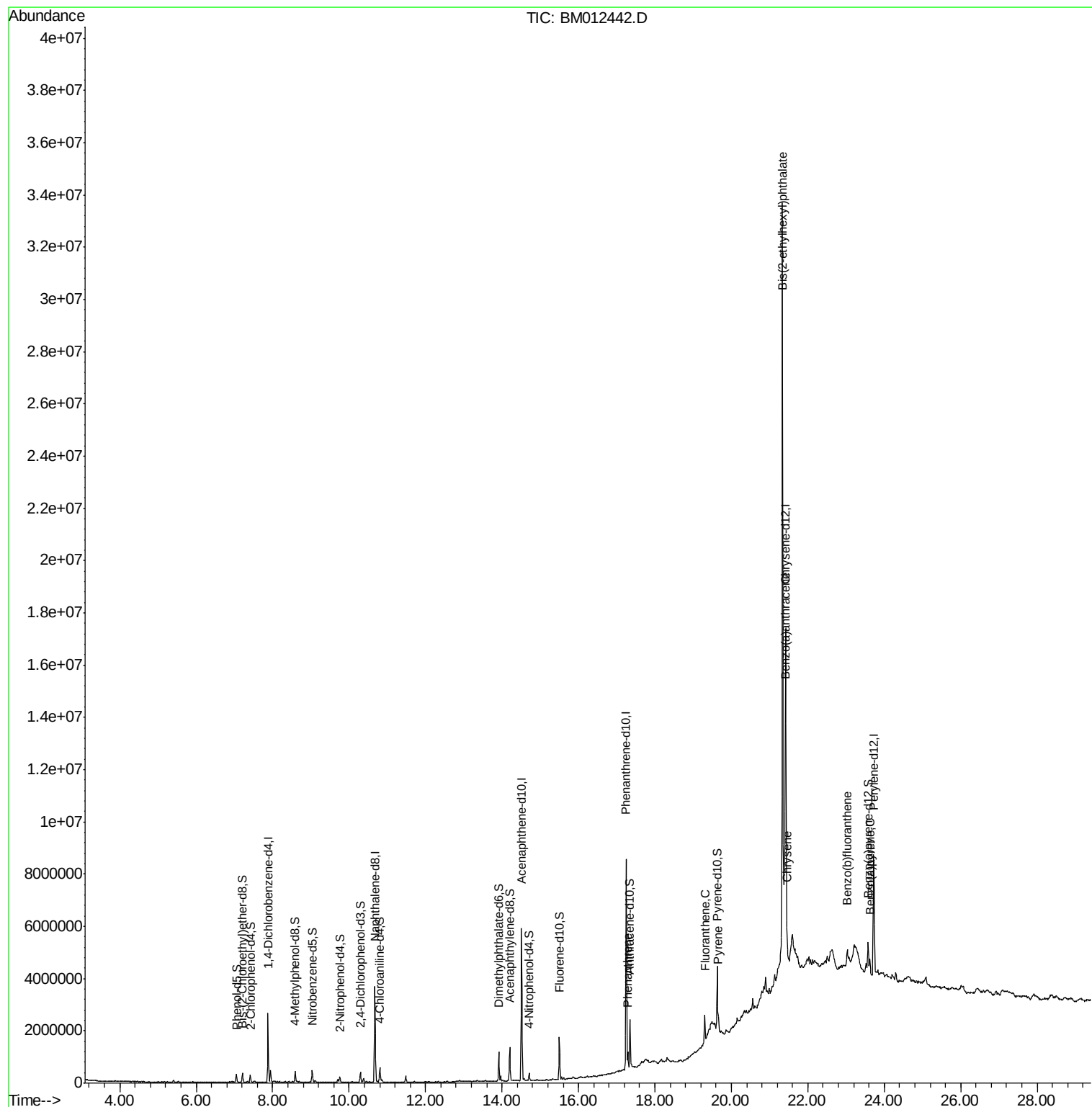
					Ovalue	
69) Phenanthrene	17.29	178	394052	1.624	ng/ul	97
74) Fluoranthene	19.30	202	641258	2.332	ng/ul#	96
77) Pyrene	19.66	202	535414	2.045	ng/ul#	94
80) Benzo(a)anthracene	21.40	228	331247	1.201	ng/ul#	87
81) Bis(2-ethylhexyl)phthalate	21.34	149	8771570	55.879	ng/ul	98
82) Chrysene	21.46	228	309770	1.263	ng/ul#	92
85) Benzo(b)fluoranthene	23.03	252	374965	1.648	ng/ul#	85
88) Benzo(a)pyrene	23.62	252	231976	1.070	ng/ul#	78

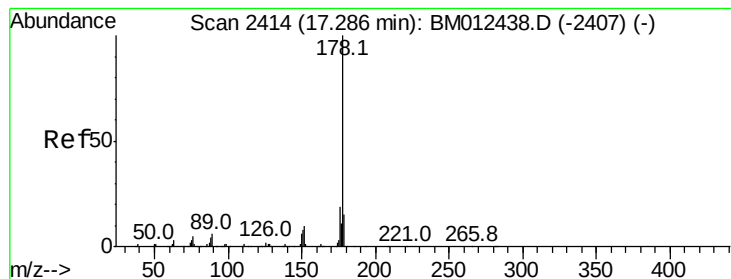
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 1.624 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.01 min

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BNA_M

ClientSampleId :

B-33(0.5-1.5)-100417DL

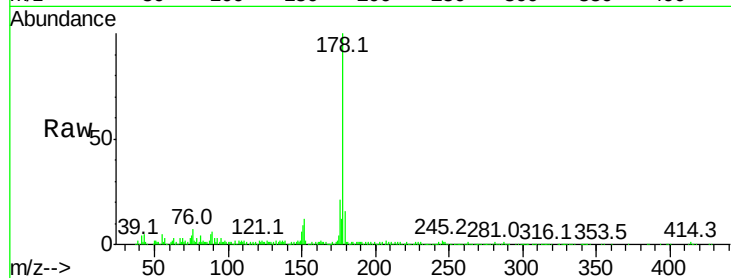
Tot Ion:178 Resp: 394052

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

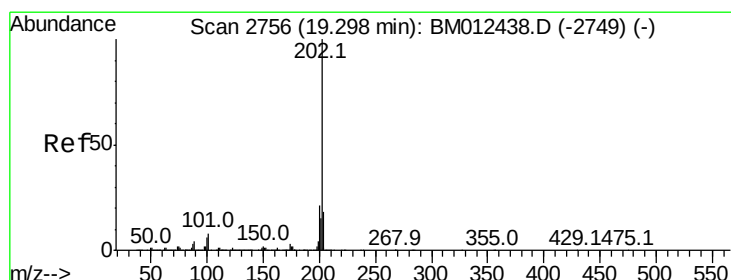
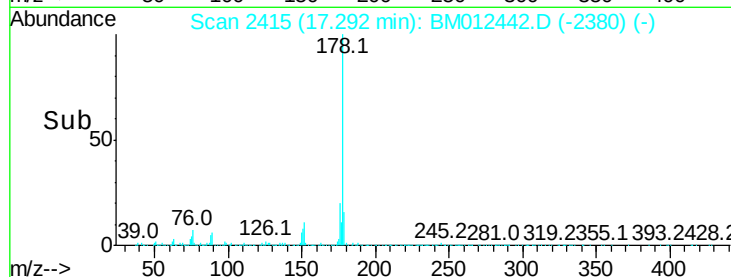
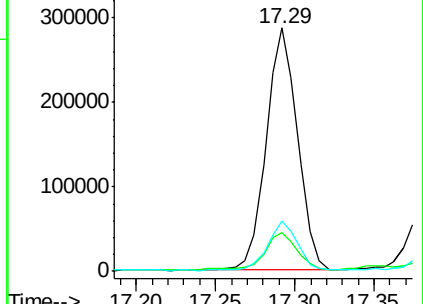
176 20.7 14.9 22.3



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: 2.332 ng/ul

RT: 19.30 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BM012442.D

Acq: 25 Oct 2017 13:03

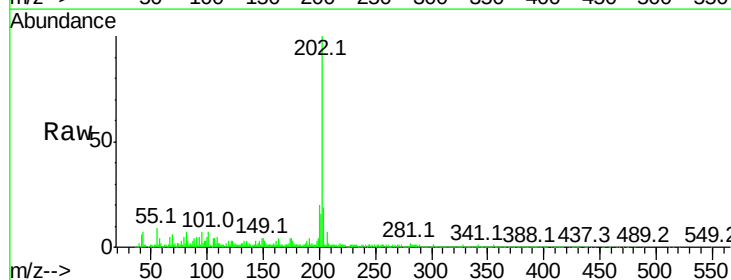
Tgt Ion:202 Resp: 641258

Ion Ratio Lower Upper

202 100

101 7.4 4.6 7.0#

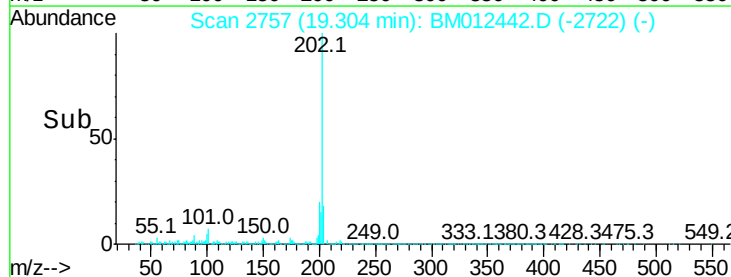
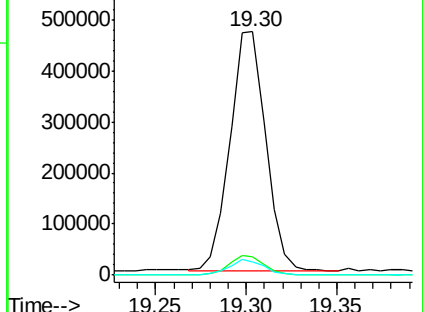
100 5.5 3.4 5.2#

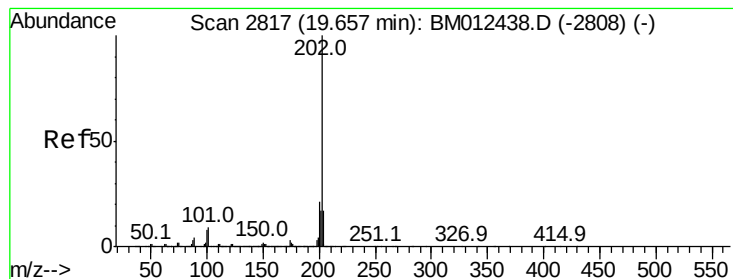


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.045 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM012442.D

Acq: 25 Oct 2017 13:03

Instrument :

BNA_M

ClientSampleId :

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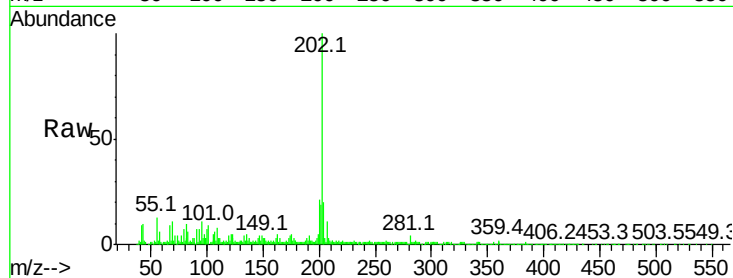
Tot Ion:202 Resp: 535414

Ion Ratio Lower Upper

202 100

101 9.1 5.1 7.7#

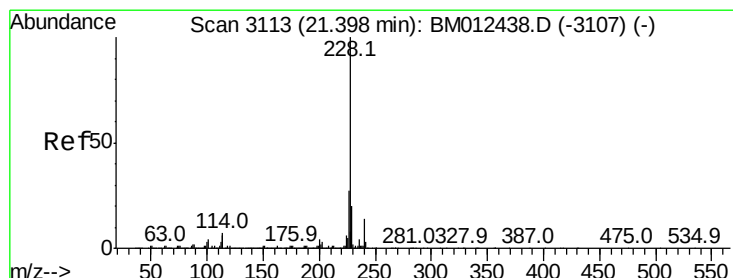
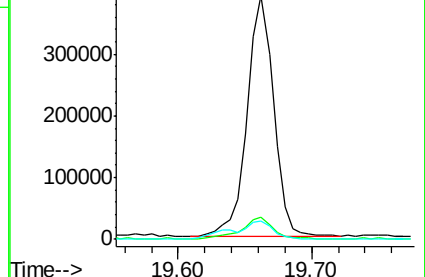
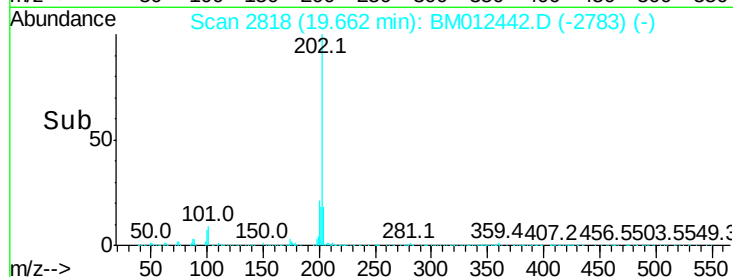
100 7.3 4.9 7.3#



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: 1.201 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012442.D

Acq: 25 Oct 2017 13:03

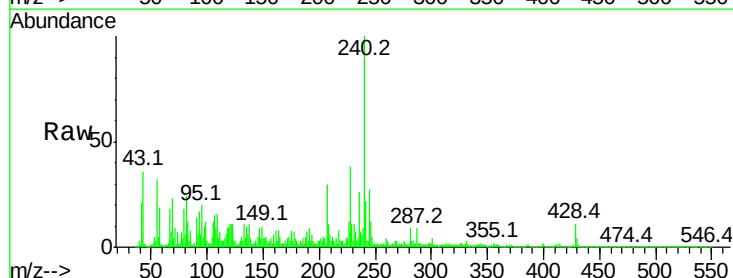
Tgt Ion:228 Resp: 331247

Ion Ratio Lower Upper

228 100

229 28.7 15.4 23.0#

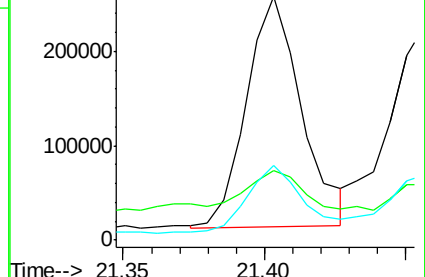
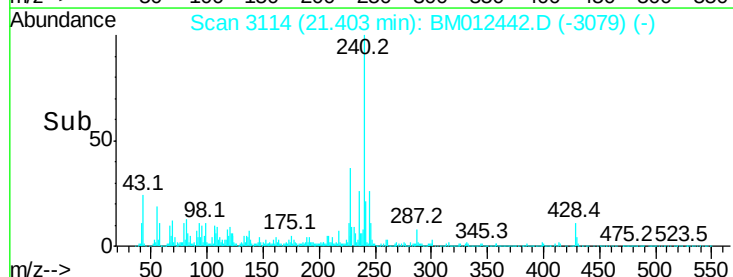
226 30.8 21.4 32.0

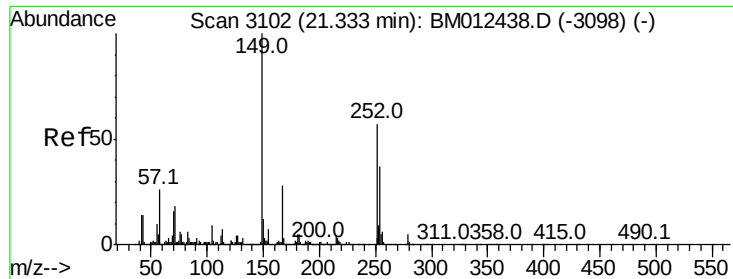


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 55.879 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM012442.D

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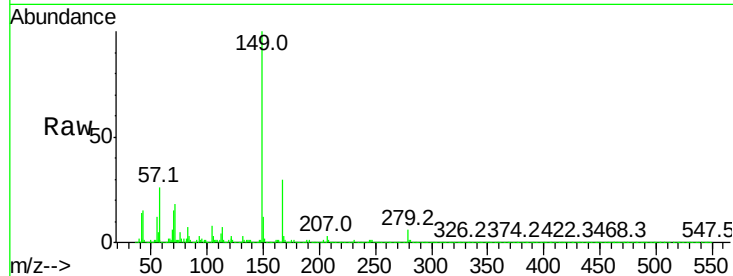
Tot Ion:149 Resp: 8771570

Ion Ratio Lower Upper

149 100

167 29.8 22.8 34.2

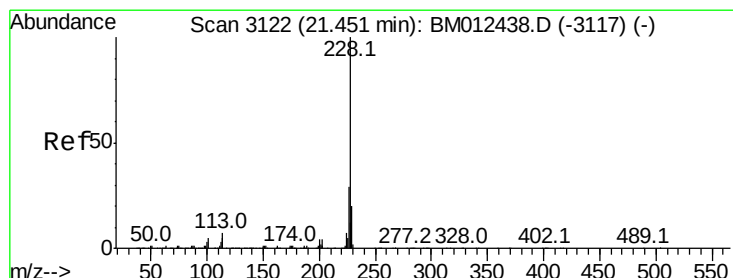
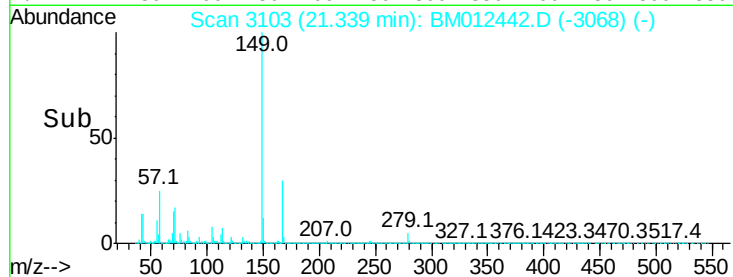
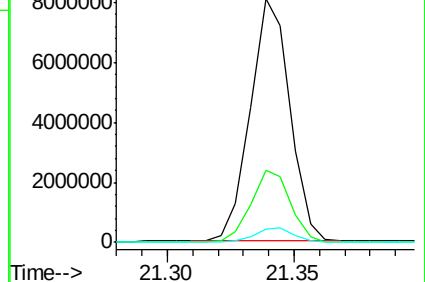
279 5.5 4.9 7.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1.263 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM012442.D

Acq: 25 Oct 2017 13:03

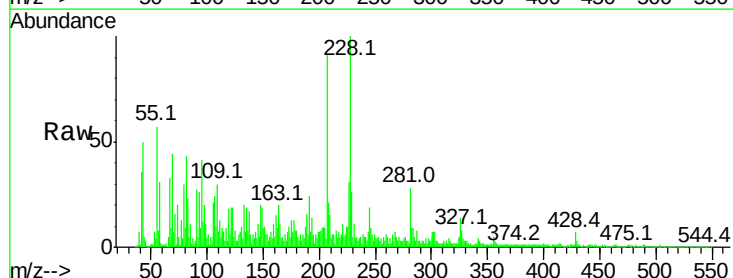
Tgt Ion:228 Resp: 309770

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

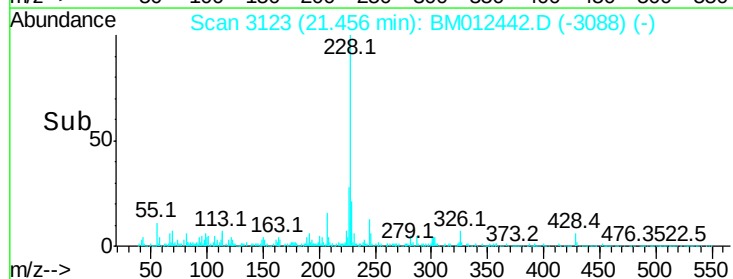
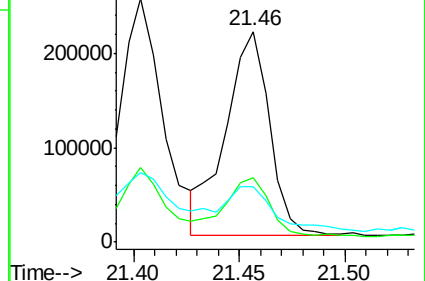
229 26.2 15.5 23.3#

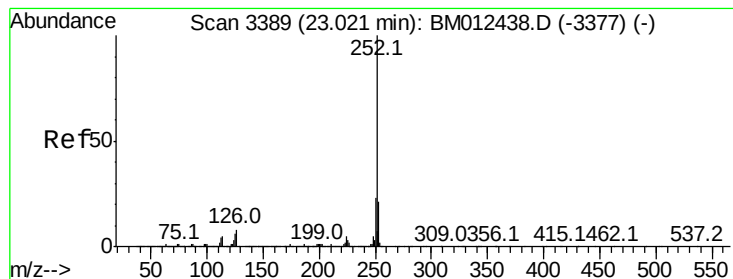


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.648 ng/ul

RT: 23.03 min Scan# 3391

Delta R.T. 0.01 min

Lab File: BM012442.D

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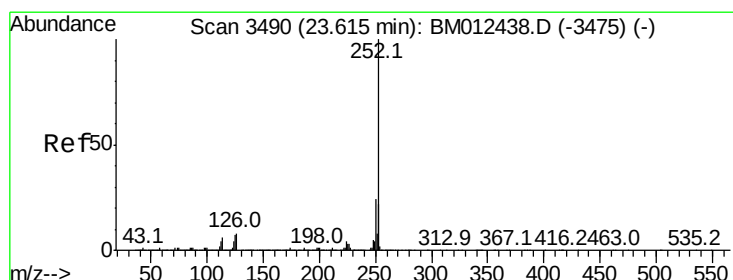
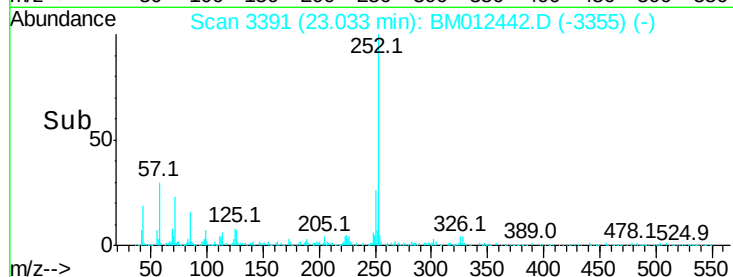
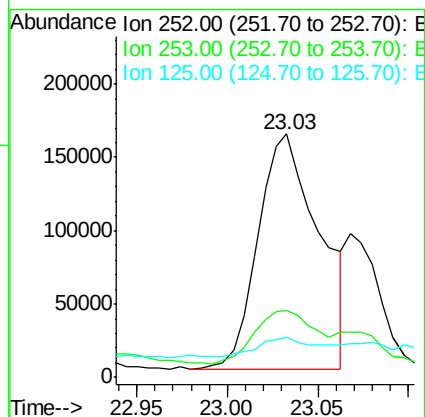
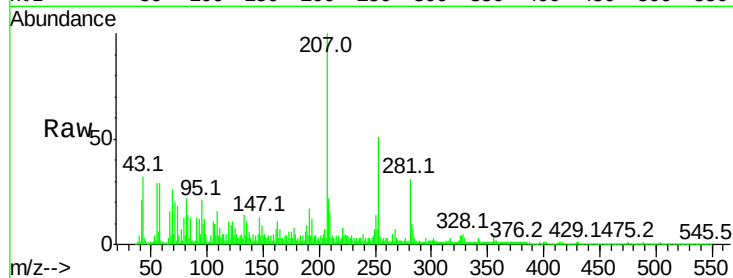
Tot Ion:252 Resp: 374965

Ion Ratio Lower Upper

252 100

253 27.5 17.9 26.9#

125 16.4 3.6 5.4#



#88

Benzo(a)pyrene

Concen: 1.070 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. 0.01 min

Lab File: BM012442.D

Acq: 25 Oct 2017 13:03

Tgt Ion:252 Resp: 231976

Ion Ratio Lower Upper

252 100

253 31.6 18.2 27.2#

125 17.9 4.0 6.0#

