

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013356.D
 Acq On : 13 Dec 2017 01:22
 Operator : SJ/JU
 Sample : I6775-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A52

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:55 PM

Quant Time: Dec 13 04:43:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	137826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	613010	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	387459	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	991395	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1261235	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1158887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	11421m	4.10	ng/uL	0.00
5) Phenol-d5	6.86	99	208348	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	131173	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	178073	19.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	175667	17.24	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	96731	19.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	103478	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	187596	17.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	218821	22.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	715853	20.76	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	836912	19.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	94578	15.79	ng/ul	0.00
57) Fluorene-d10	15.32	176	608736	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	89702	14.38	ng/ul	0.00
70) Anthracene-d10	17.17	188	1062718	21.40	ng/ul	0.00
76) Pyrene-d10	19.47	212	1284049	20.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1220362	20.67	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.89	94	44200	3.750	ng/ul#	87
44) Dimethylphthalate	13.79	163	136330	4.134	ng/ul	98
69) Phenanthrene	17.12	178	106326	1.888	ng/ul	97
74) Fluoranthene	19.14	202	194836	2.823	ng/ul#	96
77) Pyrene	19.50	202	157198	2.052	ng/ul#	93
82) Chrysene	21.30	228	139009	1.872	ng/ul	95
85) Benzo(b)fluoranthene	22.83	252	181005	2.317	ng/ul#	97

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

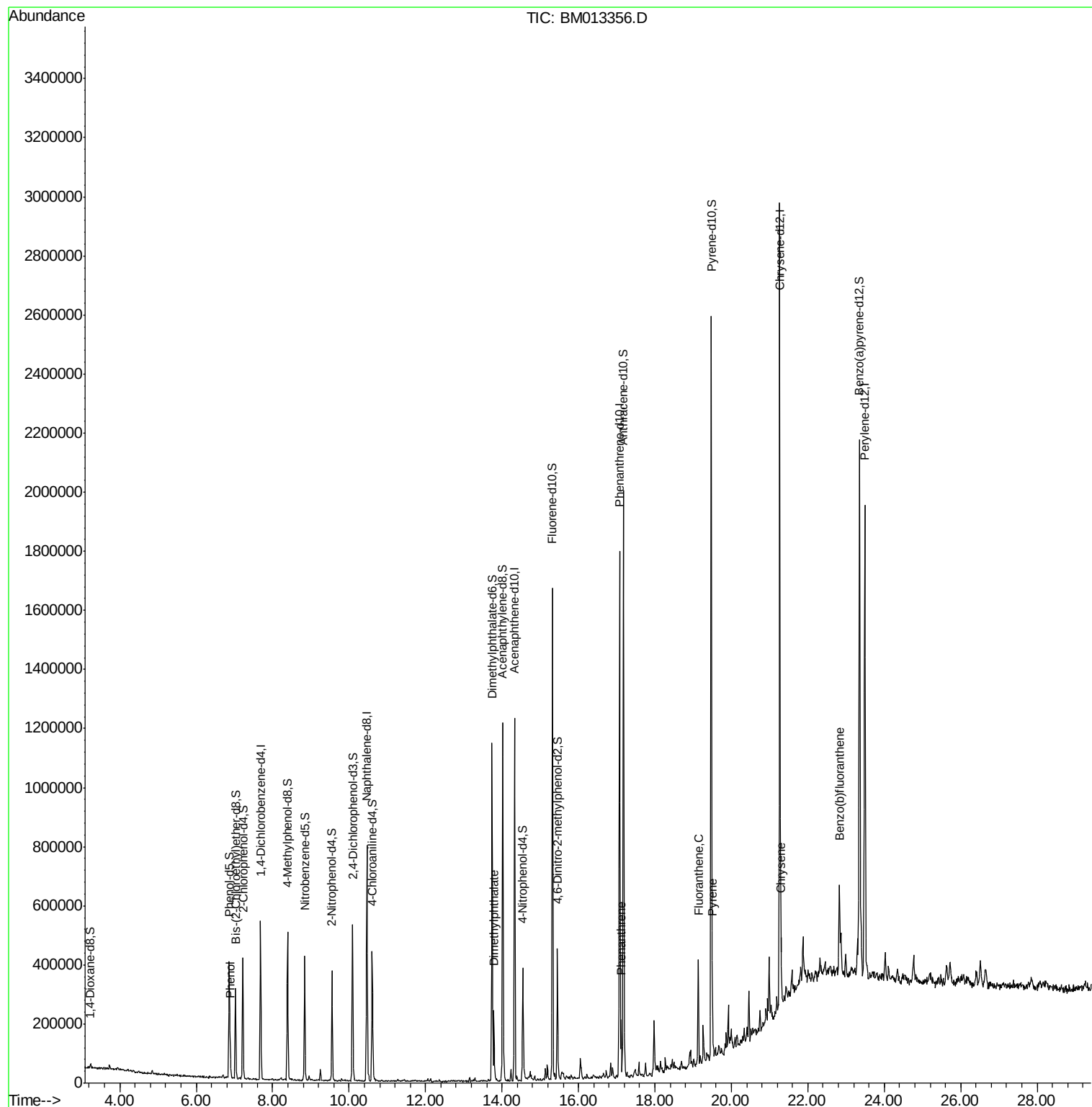
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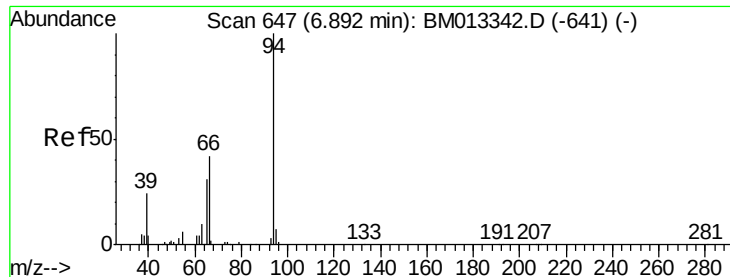
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#6

Phenol

Concen: 3.750 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

Instrument :

BNA_M

ClientSampleId :

F9A52

Tot Ion: 94 Resp: 44200

Ion Ratio Lower Upper

94 100

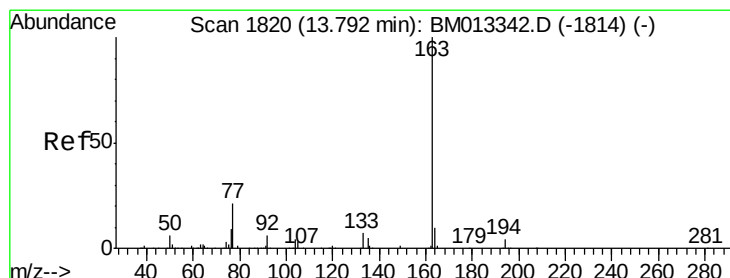
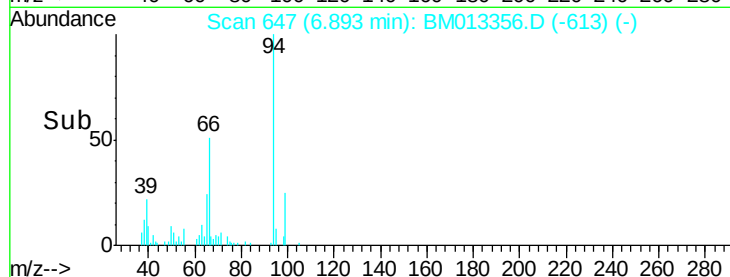
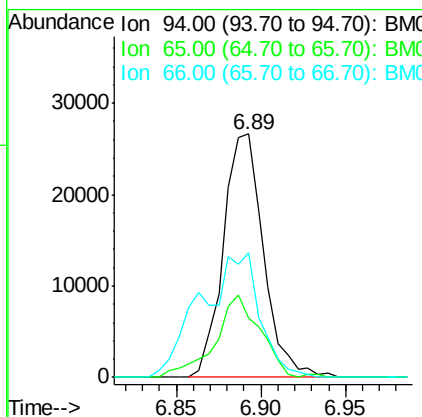
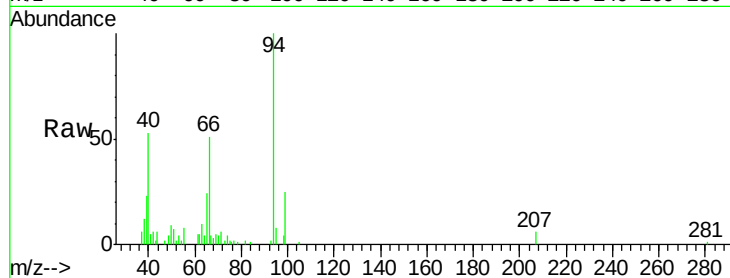
65 24.2 28.2 42.4#

66 51.4 47.2 70.8

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#44

Dimethylphthalate

Concen: 4.134 ng/ul

RT: 13.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

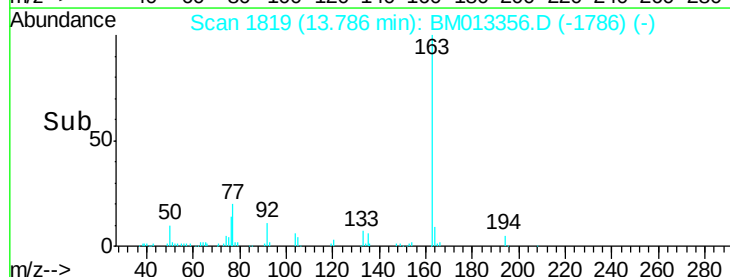
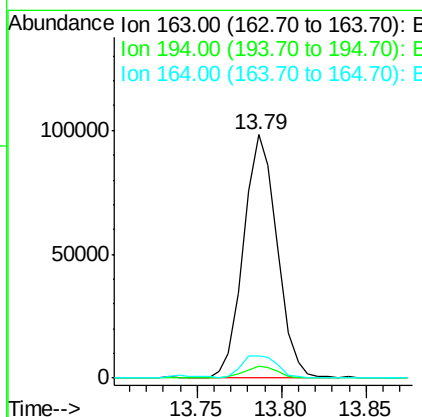
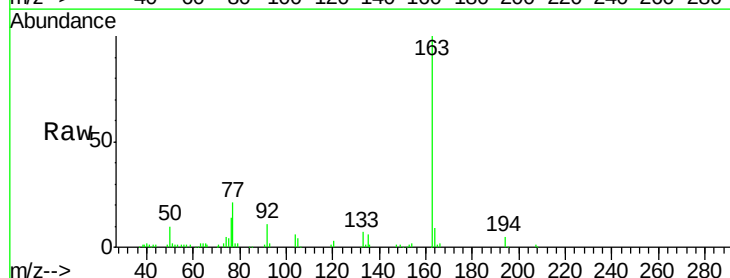
Tgt Ion: 163 Resp: 136330

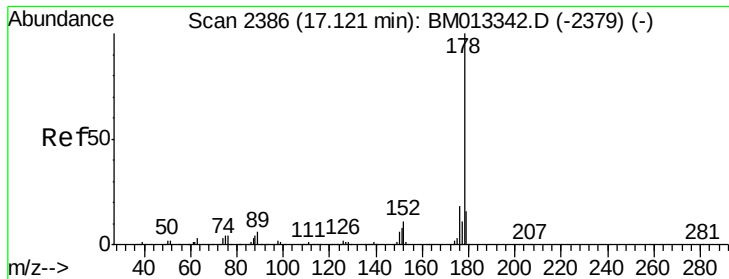
Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

164 9.3 8.2 12.4





#69

Phenanthrene

Concen: 1.888 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

Instrument :

BNA_M

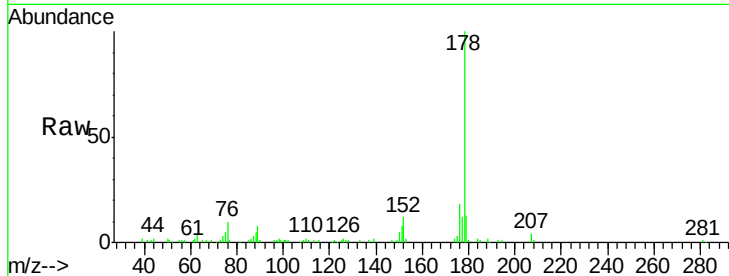
ClientSampled :

F9A52

Tot Ion:	178	Resp:	106326
Ion Ratio	Lower	Upper	
178	100		
179	13.5	12.6	19.0
176	18.5	14.9	22.3

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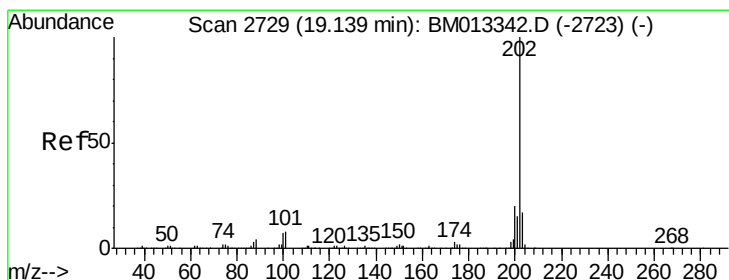
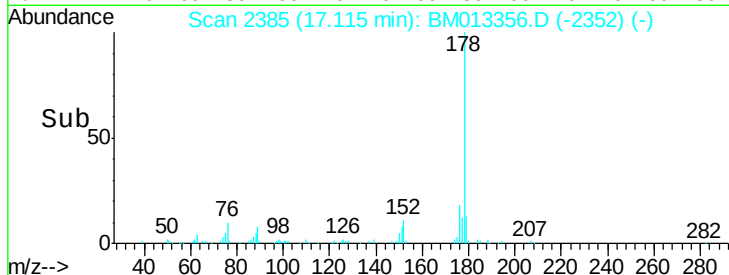
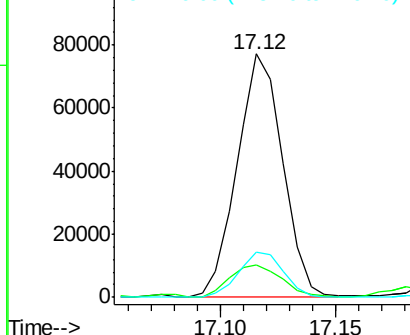


Abundance

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: 2.823 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

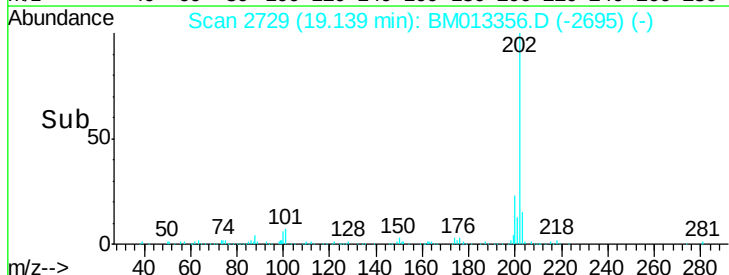
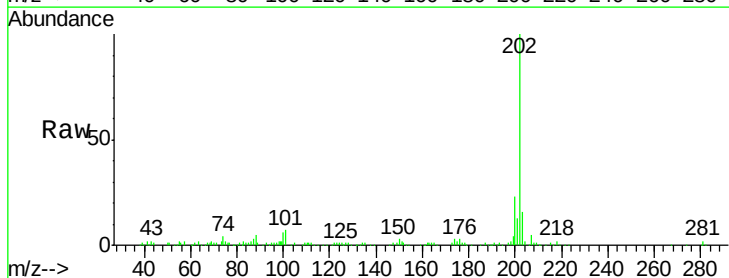
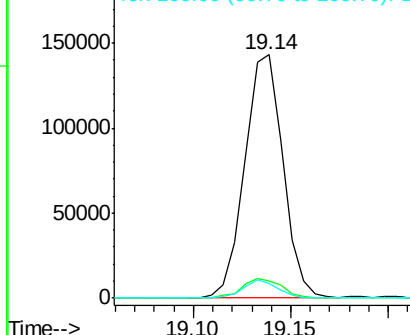
Tgt Ion:	202	Resp:	194836
Ion Ratio	Lower	Upper	
202	100		
101	7.2	4.6	7.0#
100	5.8	3.4	5.2#

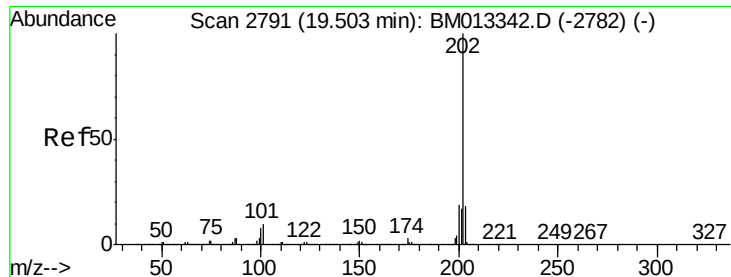
Abundance

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: 2.052 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

Instrument :

BNA_M

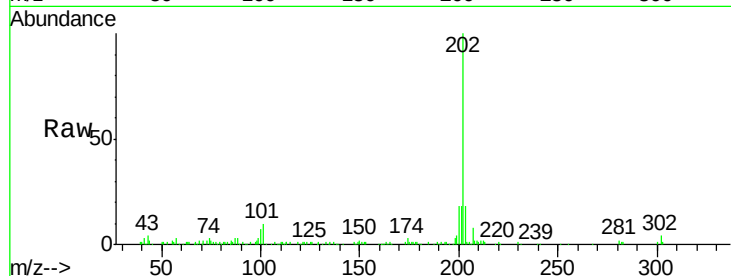
ClientSampled :

F9A52

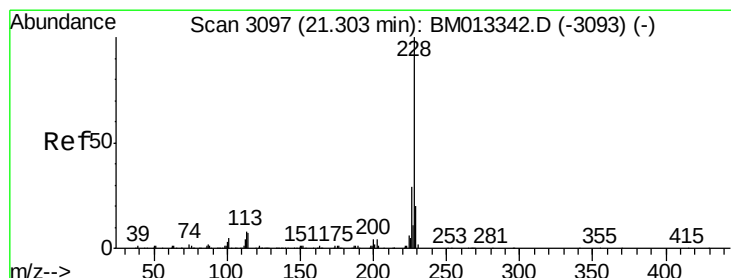
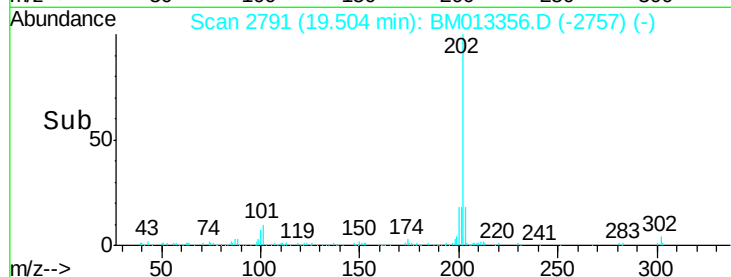
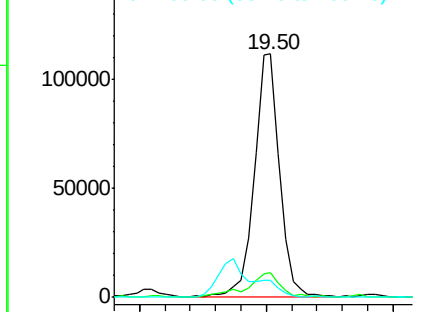
Tot Ion:	202	Resp:	157198
Ion Ratio		Lower	Upper
202	100		
101	10.1	5.1	7.7#
100	6.9	4.9	7.3

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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



#82

Chrysene

Concen: 1.872 ng/ul

RT: 21.30 min Scan# 3096

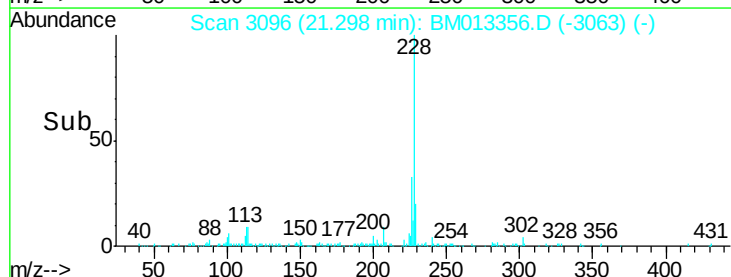
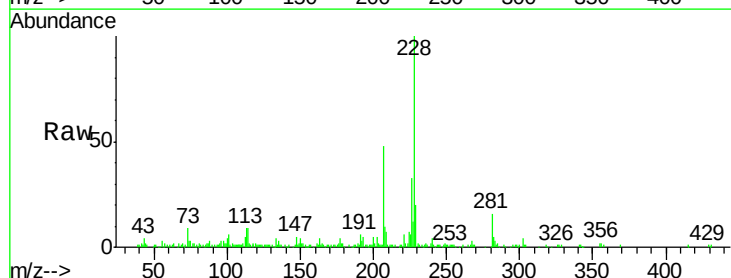
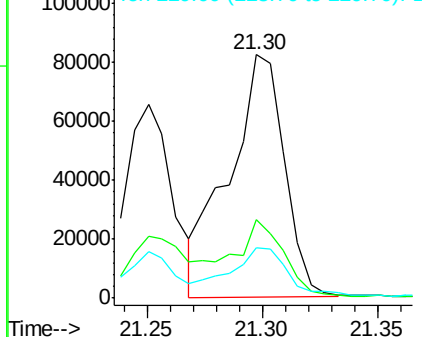
Delta R.T. -0.01 min

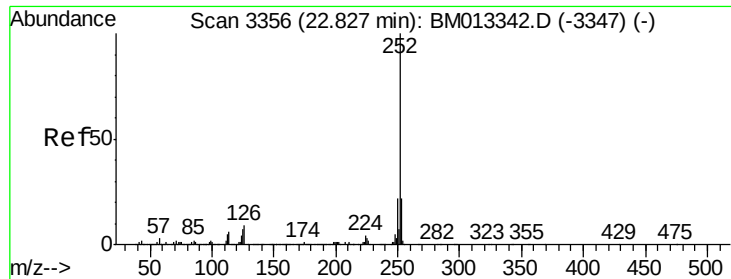
Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

Tgt Ion:	228	Resp:	139009
Ion Ratio		Lower	Upper
228	100		
226	32.5	23.4	35.2
229	20.5	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: 2.317 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. 0.00 min

Lab File: BM013356.D

Acq: 13 Dec 2017 01:22

Instrument :

BNA_M

ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.7	3.6	5.4

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12/13/2017 12:05:55 PM

