

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012210.D
 Acq On : 15 Oct 2017 15:50
 Operator : SJ/JU
 Sample : I5772-10DL 50X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2N8DL

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:49:08 PM

Quant Time: Oct 16 03:13:29 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	152691	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	676702	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	436255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1081053	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	988946	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	868421	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.16	99	1688	0.14	ng/ul	0.18
7) Bis-(2-Chloroethyl)ether-d	7.17	67	708	0.10	ng/ul	0.04
9) 2-Chlorophenol-d4	7.35	132	4503	0.43	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	1671	0.16	ng/ul	0.04
19) Nitrobenzene-d5	9.01	128	1975	0.38	ng/ul	0.04
22) 2-Nitrophenol-d4	9.72	143	2108	0.35	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.29	165	1777	0.15	ng/ul	0.05
29) 4-Chloroaniline-d4	10.77	131	792	0.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	25799	0.67	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	31467	0.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.46	176	22727	0.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.32	188	44734	0.84	ng/ul	0.00
76) Pyrene-d10	19.61	212	43965	0.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	28165	0.67	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.67	128	1194186	34.109	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	58491	2.214	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	44035	1.196	ng/ul#	94
49) Acenaphthene	14.53	153	123863	4.012	ng/ul	99
53) Dibenzofuran	14.87	168	145862	3.281	ng/ul	96
58) Fluorene	15.52	166	88317	2.392	ng/ul	95
69) Phenanthrene	17.26	178	164834	2.680	ng/ul	99
72) Carbazole	17.63	167	61619	1.144	ng/ul	99

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

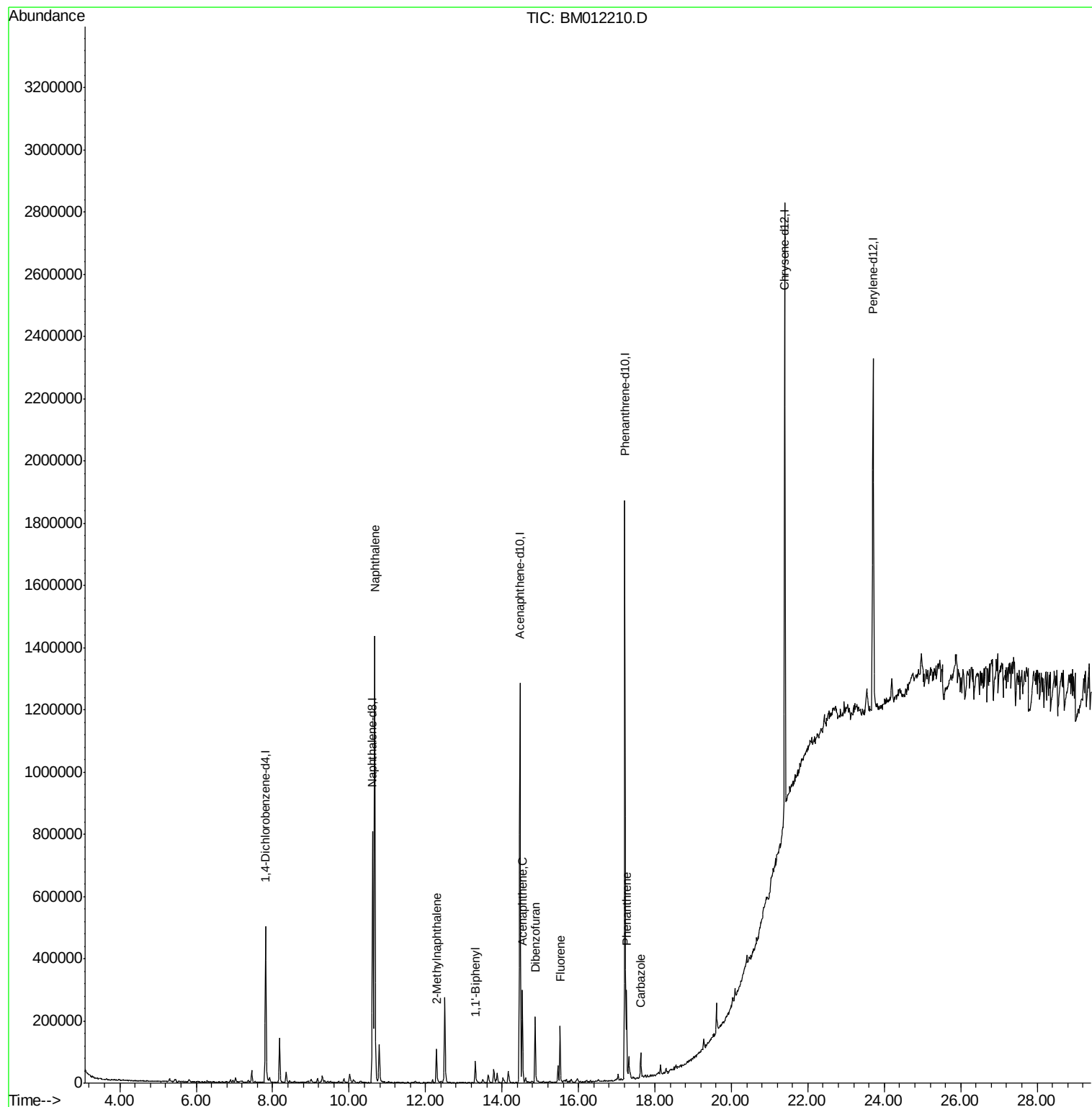
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
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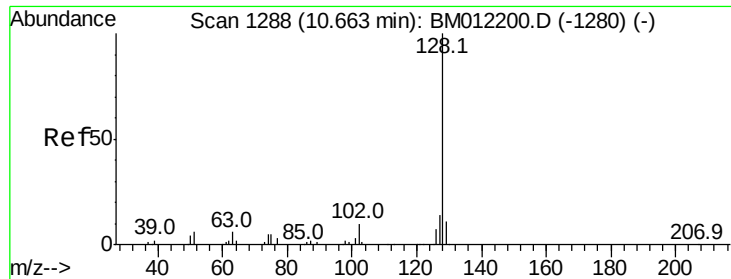
Instrument :
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Response via : Initial Calibration





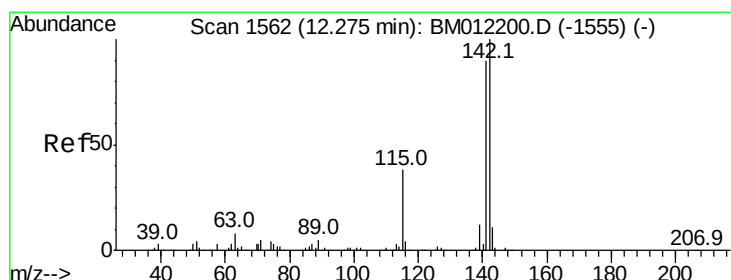
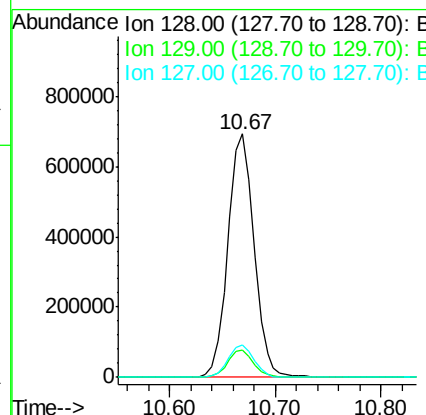
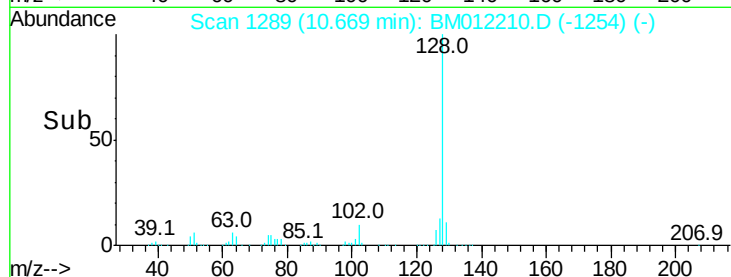
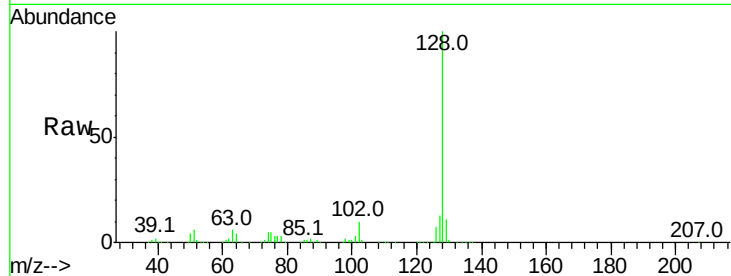
#28
Naphthalene
Concen: 34.109 ng/ul
RT: 10.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BM012210.D
Acq: 15 Oct 2017 15:50

Instrument :
BNA_M
ClientSampleId :
BE2N8DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.6	16.0

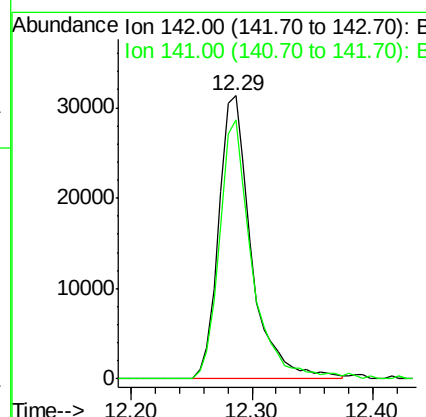
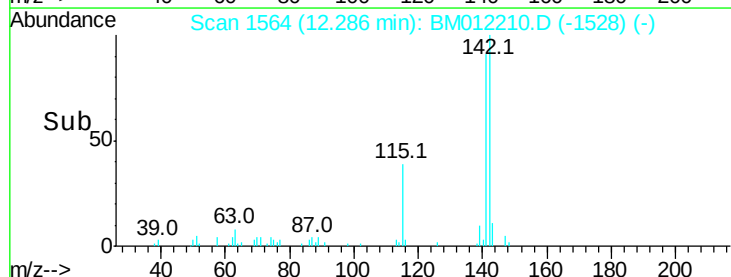
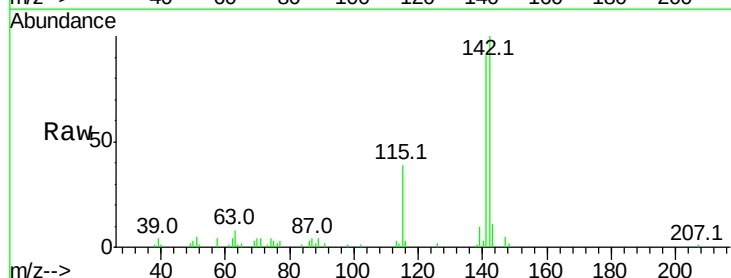
Manual Integrations
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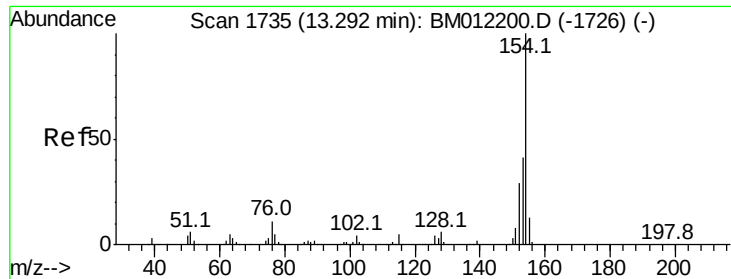
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#34
2-Methylnaphthalene
Concen: 2.214 ng/ul
RT: 12.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BM012210.D
Acq: 15 Oct 2017 15:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.1	111.1





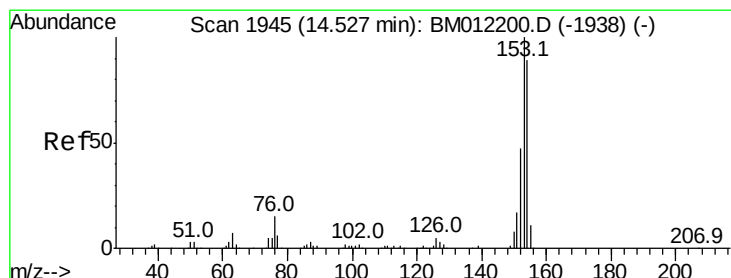
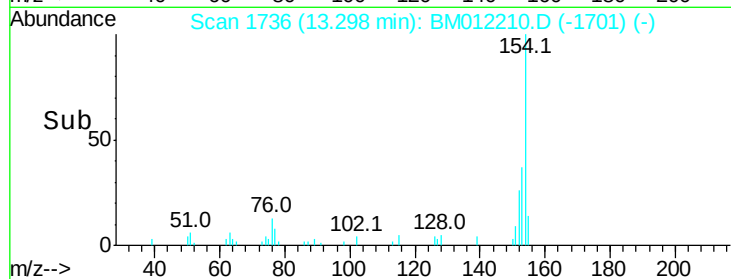
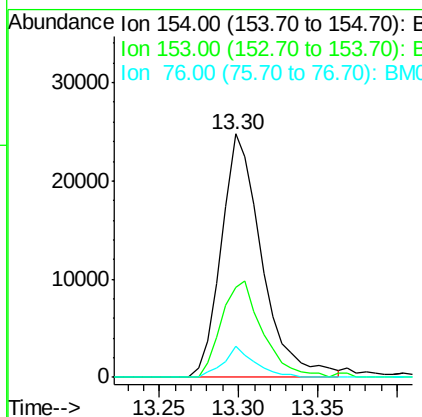
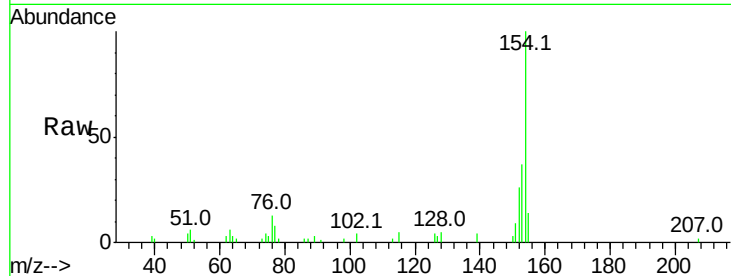
#40
 1,1'-Biphenyl
 Concen: 1.196 ng/ul
 RT: 13.30 min Scan# 1736
 Delta R.T. 0.01 min
 Lab File: BM012210.D
 Acq: 15 Oct 2017 15:50

Instrument :
 BNA_M
 ClientSampleId :
 BE2N8DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	37.2	32.6	48.8
76	13.0	8.5	12.7

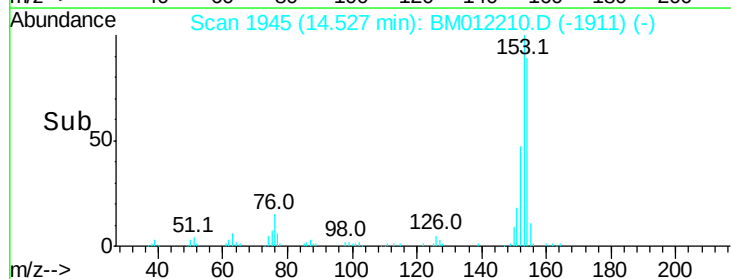
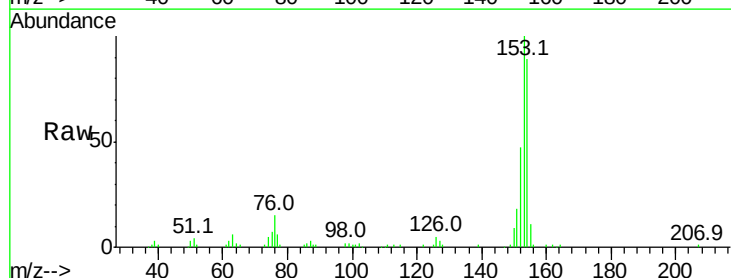
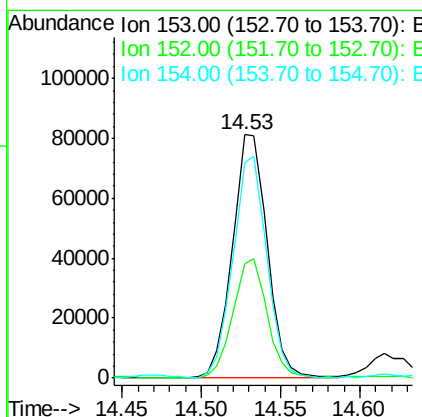
Manual Integrations
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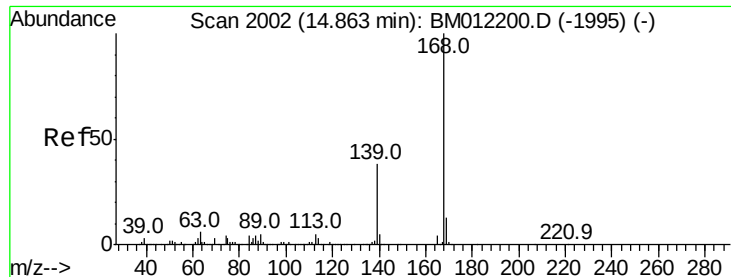
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#49
 Acenaphthene
 Concen: 4.012 ng/ul
 RT: 14.53 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BM012210.D
 Acq: 15 Oct 2017 15:50

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	88.6	70.4	105.6





#53

Dibenzenofuran

Concen: 3.281 ng/ul

RT: 14.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Instrument :

BNA_M

ClientSampled :

BE2N8DL

Tot Ion:168 Resp: 145862

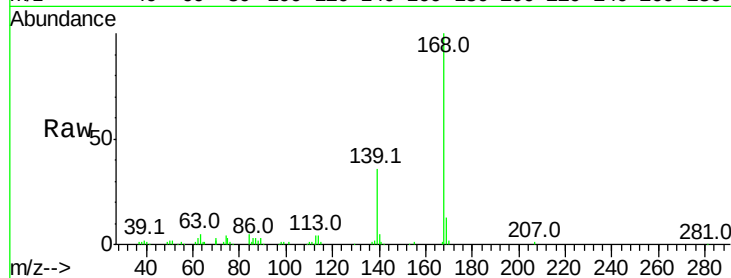
Ion Ratio Lower Upper

168 100

139 36.2 30.8 46.2

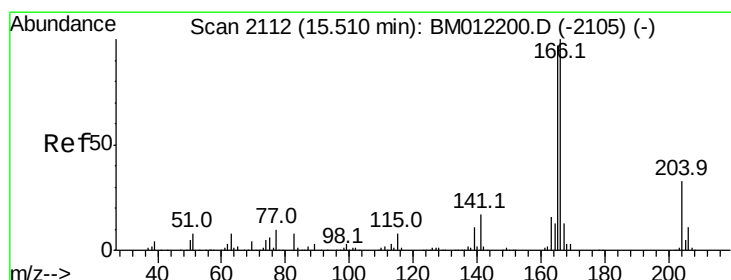
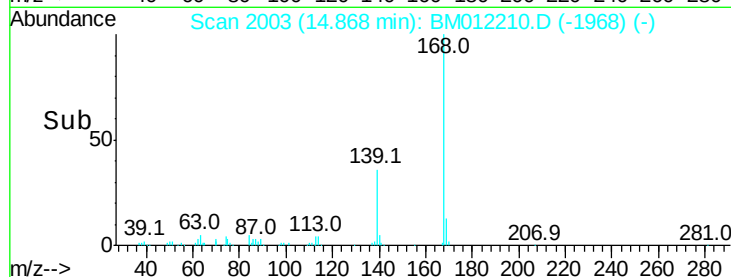
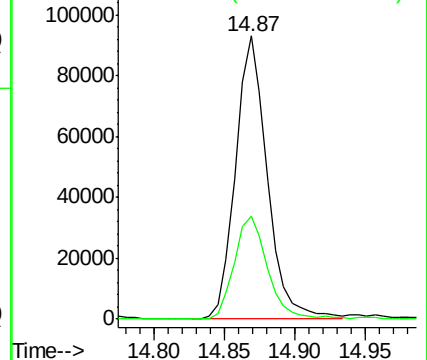
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.392 ng/ul

RT: 15.52 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

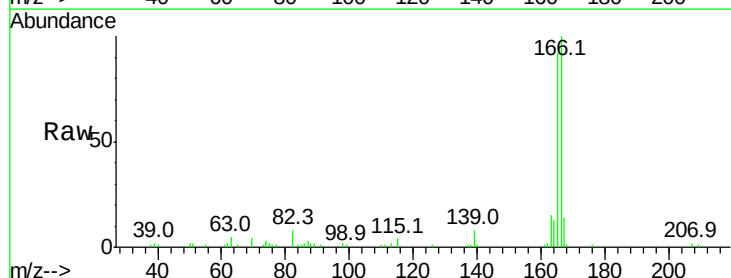
Tgt Ion:166 Resp: 88317

Ion Ratio Lower Upper

166 100

165 92.4 77.9 116.9

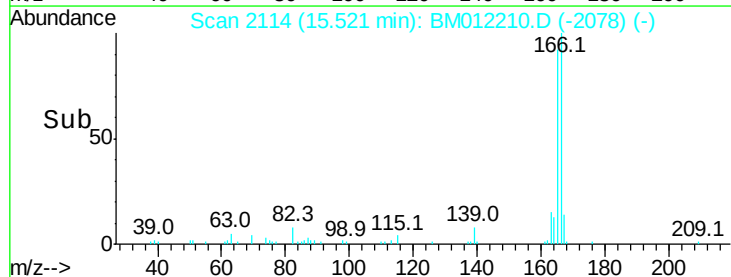
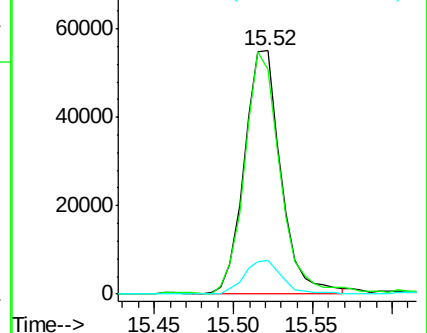
167 13.8 10.6 16.0

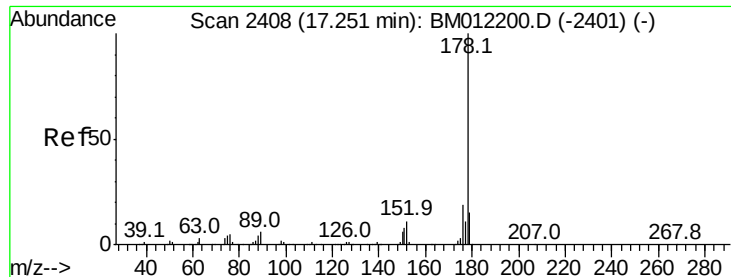


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 2.680 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Instrument :

BNA_M

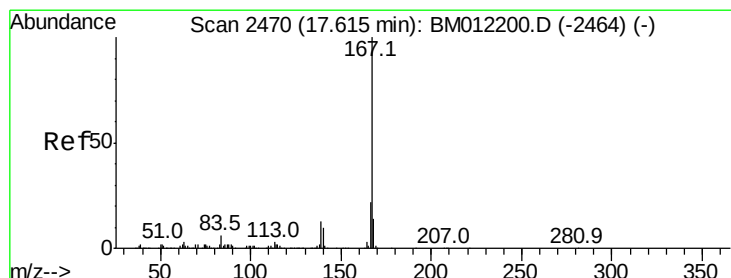
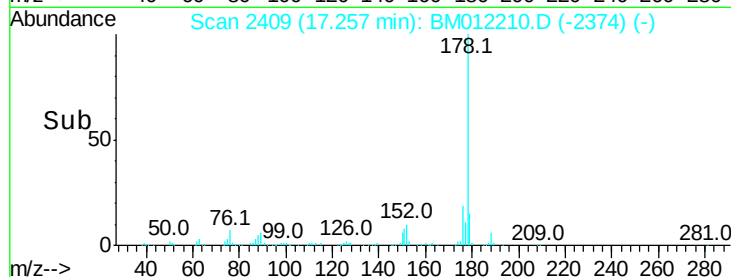
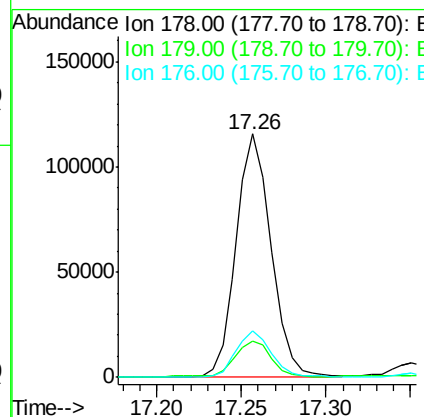
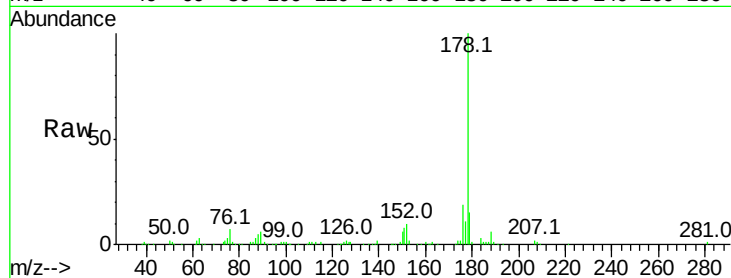
ClientSampleId :

BE2N8DL

Tot Ion:	178	Resp:	164834
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.6	19.0
176	18.8	14.9	22.3

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#72

Carbazole

Concen: 1.144 ng/ul

RT: 17.63 min Scan# 2472

Delta R.T. 0.01 min

Lab File: BM012210.D

Acq: 15 Oct 2017 15:50

Tgt Ion:	167	Resp:	61619
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.1	25.7
139	13.4	10.0	15.0

