

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012056.D
 Acq On : 10 Oct 2017 23:36
 Operator : SJ/JU
 Sample : I5669-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3J9

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:25 PM

Quant Time: Oct 11 03:05:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	309362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1368285	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	835614	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1993292	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2448437	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2251627	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	13142	2.01	ng/uL	0.00
5) Phenol-d5	7.00	99	217881	8.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	199007	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	239078	11.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	190022	8.26	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	130389	13.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	112103	10.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	207997	9.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	59259	2.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	850201	11.74	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1184025	13.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	1417	0.11	ng/ul	0.05
57) Fluorene-d10	15.48	176	864804	13.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	13870m	1.03	ng/ul	0.00
70) Anthracene-d10	17.33	188	1348526	13.73	ng/ul	0.00
76) Pyrene-d10	19.63	212	1686394	15.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1493852	13.79	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.94	163	284946	4.090	ng/ul	99
69) Phenanthrene	17.27	178	707302	6.451	ng/ul	98
71) Anthracene	17.37	178	141348	1.267	ng/ul	98
74) Fluoranthene	19.29	202	1762765	13.177	ng/ul#	91
77) Pyrene	19.65	202	1549358	11.413	ng/ul#	88
80) Benzo(a)anthracene	21.40	228	989331	7.053	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	220517	2.787	ng/ul	97
82) Chrysene	21.44	228	1006529	7.552	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	1431225	10.457	ng/ul#	93
86) Benzo(k)fluoranthene	23.06	252	461192m	3.375	ng/ul	
88) Benzo(a)pyrene	23.62	252	854164	6.495	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	550050	3.909	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	140021	1.211	ng/ul#	87
91) Benzo(g,h,i)perylene	26.81	276	471242	4.048	ng/ul#	93

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

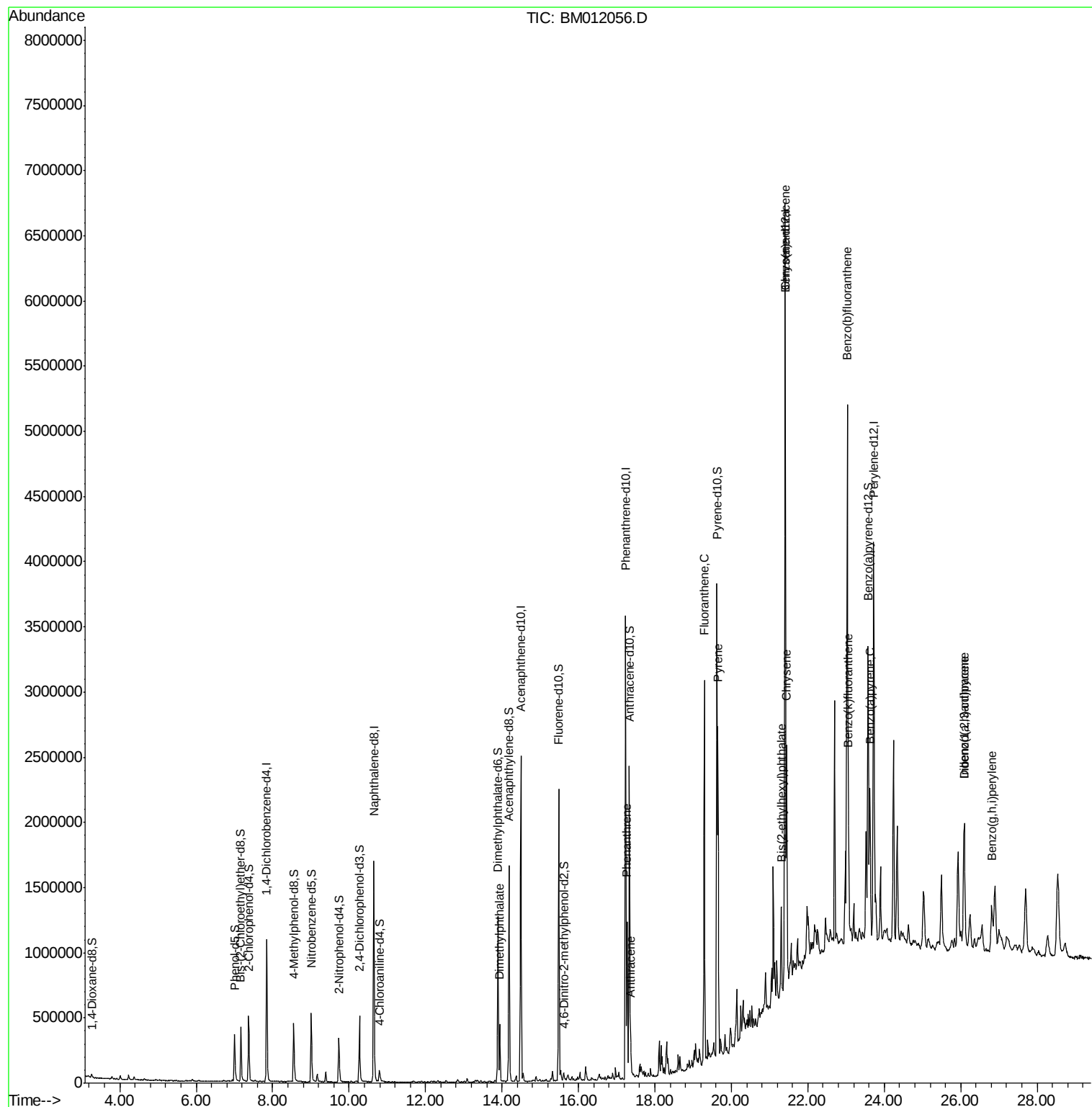
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012056.D
Acq On : 10 Oct 2017 23:36
Operator : SJ/JU
Sample : I5669-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

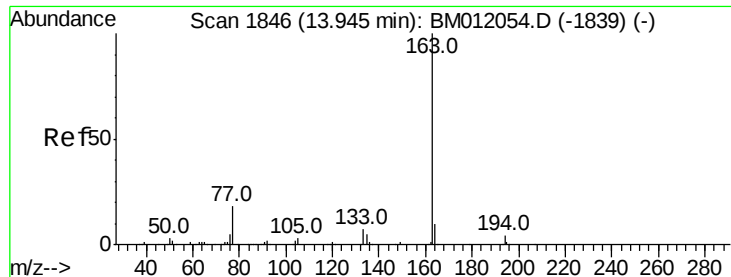
Instrument :
BNA_M
ClientSampleId :
CB3J9

Manual Integrations
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Quant Time: Oct 11 03:05:05 2017
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Quant Title : SVOA CALIBRATION
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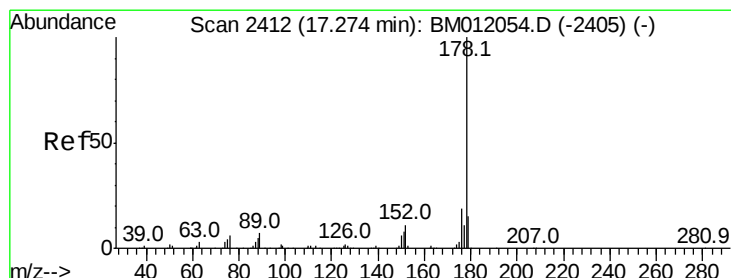
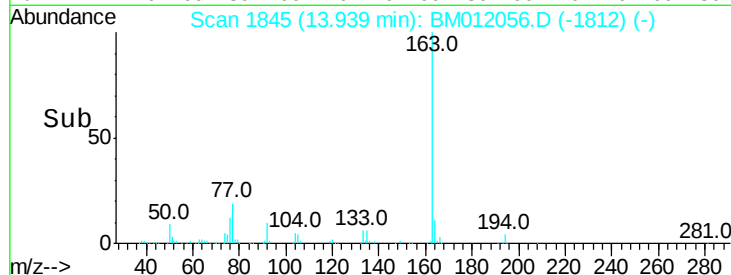
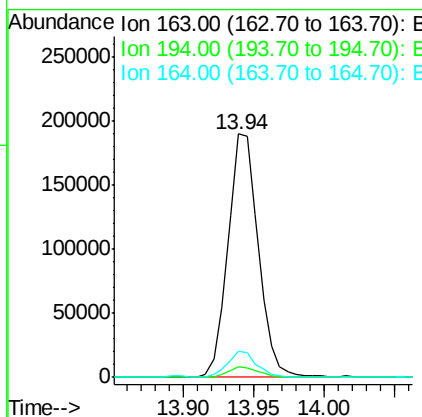
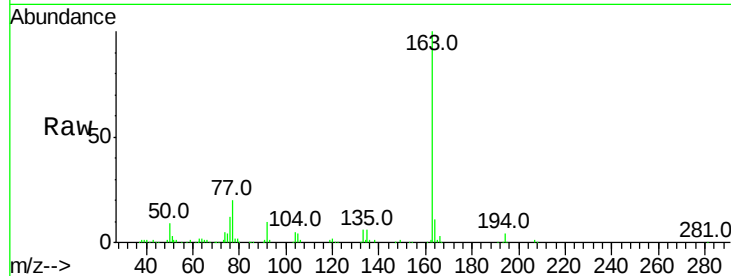
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Dimethylphthalate
Concen: 4.090 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012056.D
Acq: 10 Oct 2017 23:36

Instrument :
BNA_M
ClientSampled :
CB3J9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.7	8.2	12.4

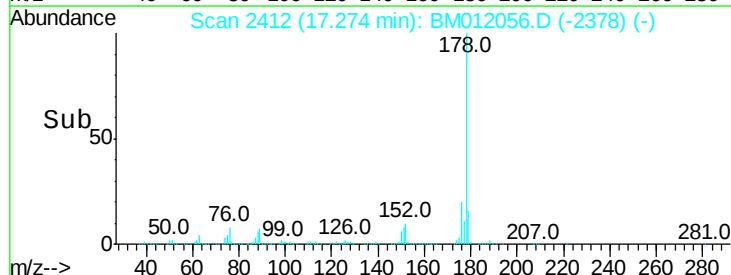
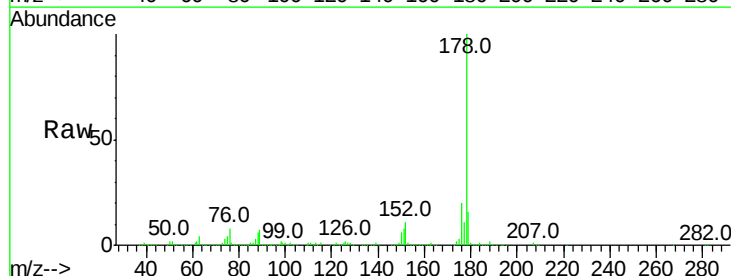
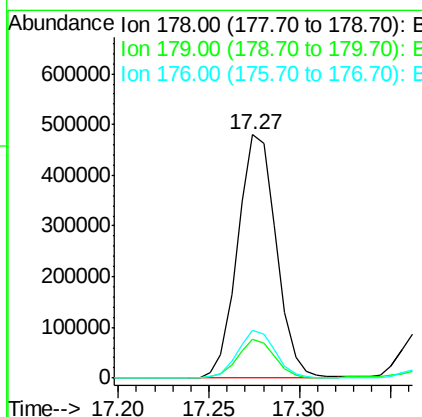
Manual Integrations
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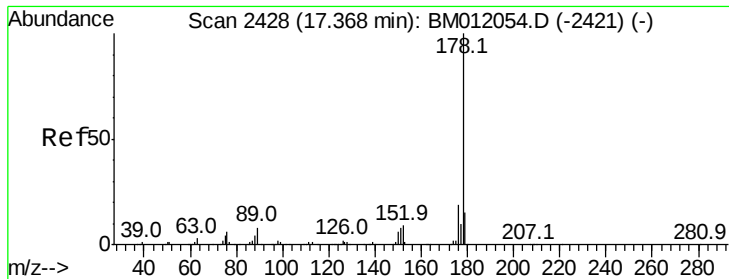
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#69
Phenanthrene
Concen: 6.451 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM012056.D
Acq: 10 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.9	14.9	22.3





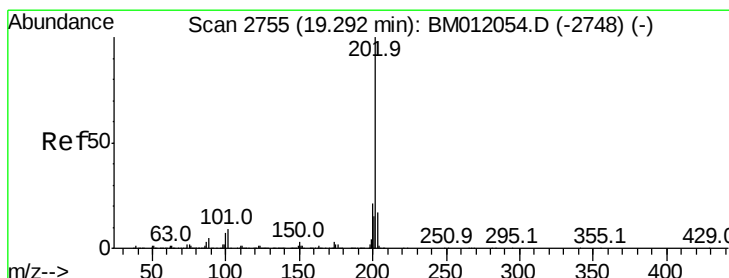
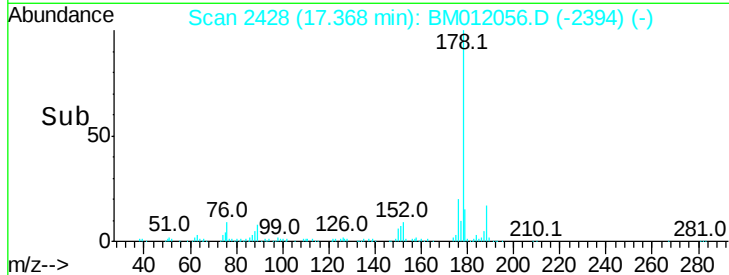
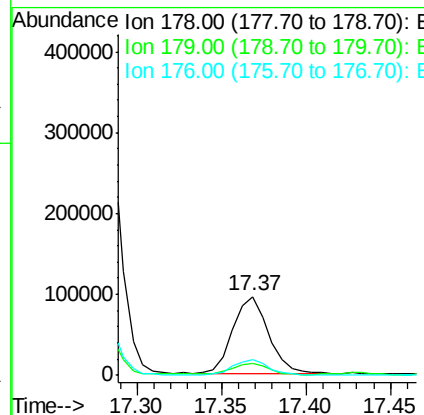
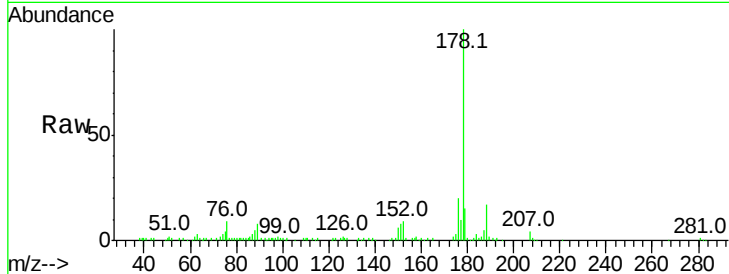
#71
 Anthracene
 Concen: 1.267 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM012056.D
 Acq: 10 Oct 2017 23:36

Instrument :
 BNA_M
 ClientSampleId :
 CB3J9

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	19.7	14.6	21.8

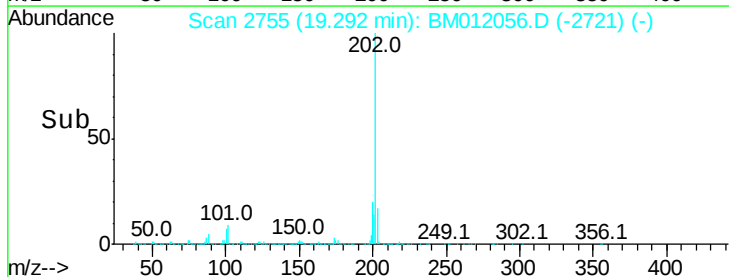
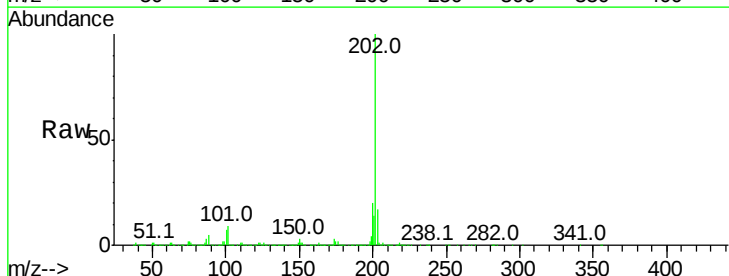
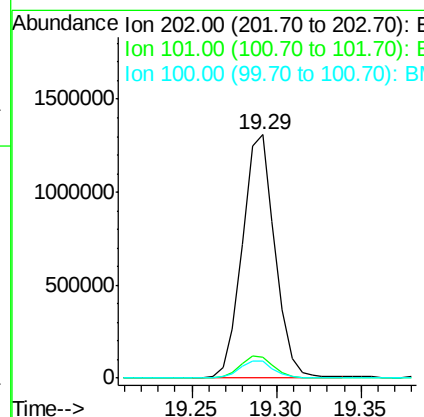
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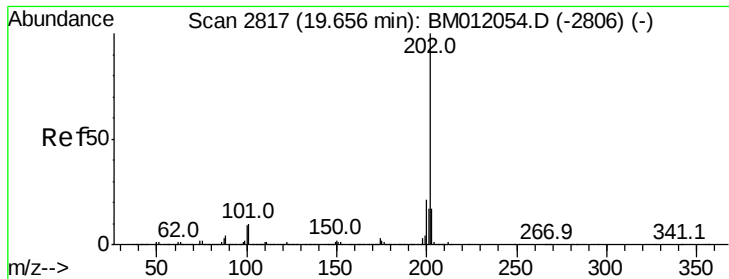
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#74
 Fluoranthene
 Concen: 13.177 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM012056.D
 Acq: 10 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	7.0	3.4	5.2#





#77

Pvrene

Concen: 11.413 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012056.D

Acq: 10 Oct 2017 23:36

Instrument :

BNA_M

ClientSampled :

CB3J9

Tot Ion:202 Resp: 1549358

Ion Ratio Lower Upper

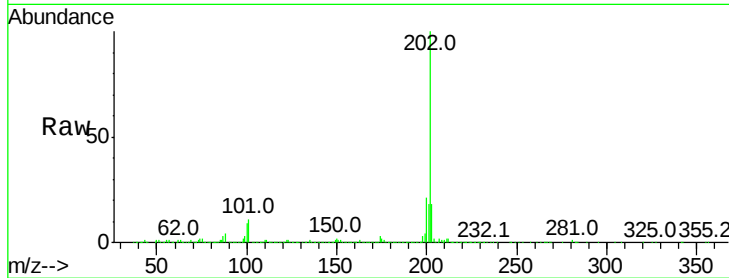
202 100

101 11.5 5.1 7.7#

100 9.3 4.9 7.3#

Manual Integrations
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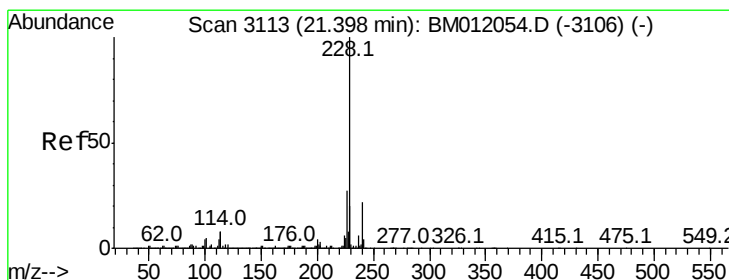
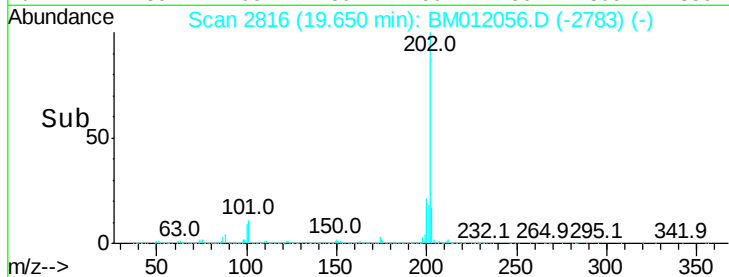
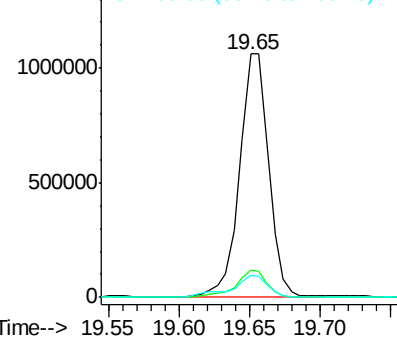
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 7.053 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BM012056.D

Acq: 10 Oct 2017 23:36

Tgt Ion:228 Resp: 989331

Ion Ratio Lower Upper

228 100

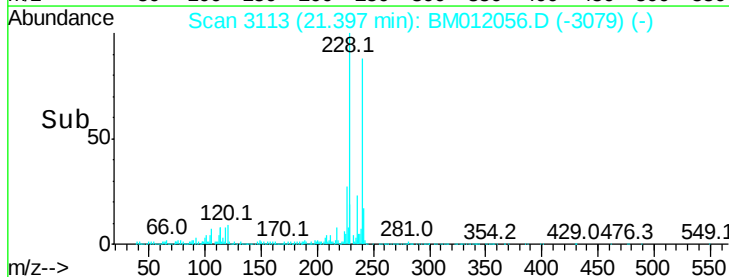
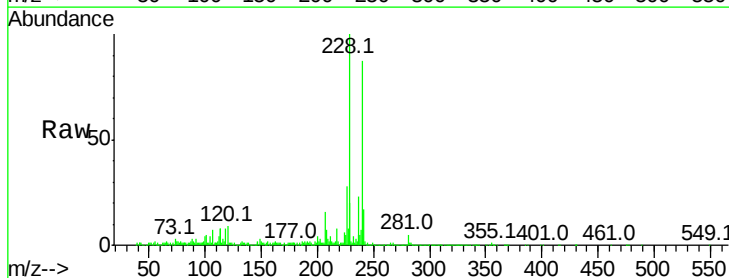
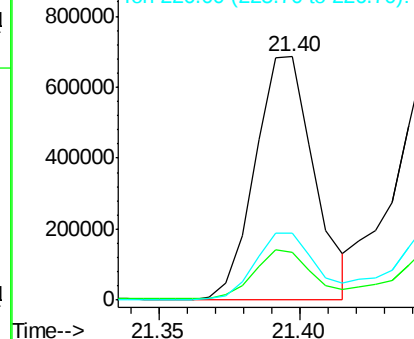
229 19.5 15.4 23.0

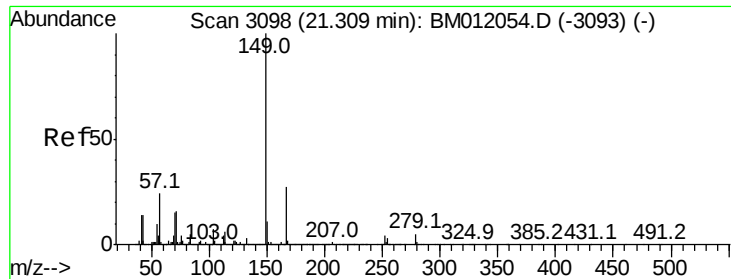
226 27.5 21.4 32.0

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





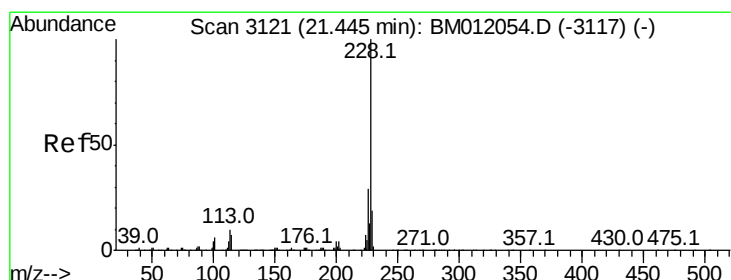
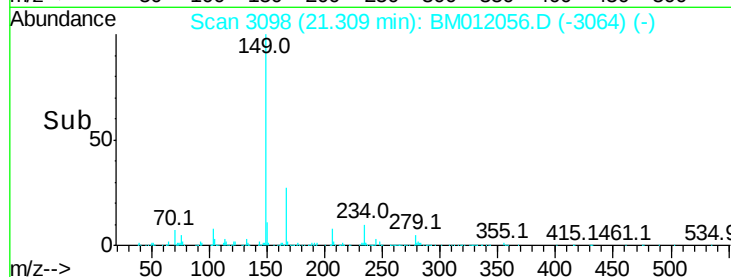
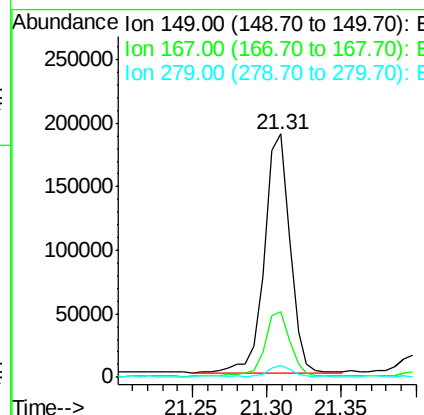
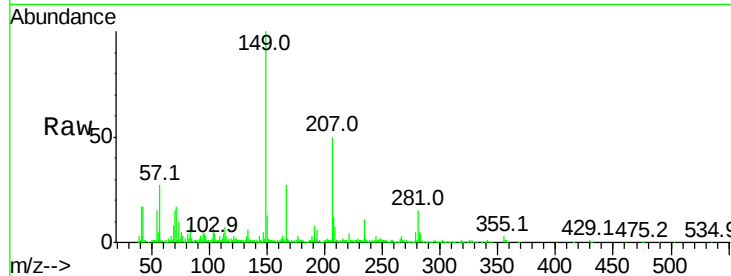
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.787 ng/ul
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM012056.D
 Acq: 10 Oct 2017 23:36

Instrument :
 BNA_M
 ClientSampled :
 CB3J9

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.8	34.2
279	5.0	4.9	7.3

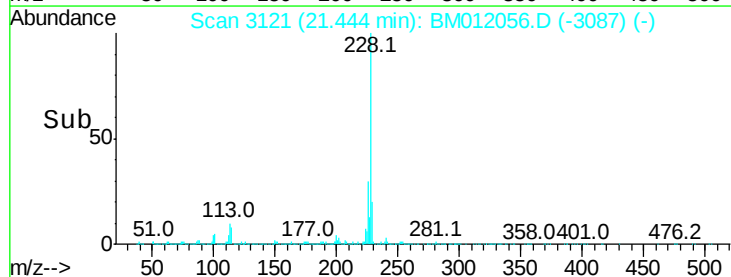
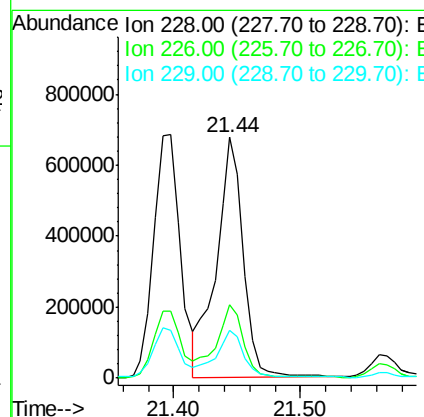
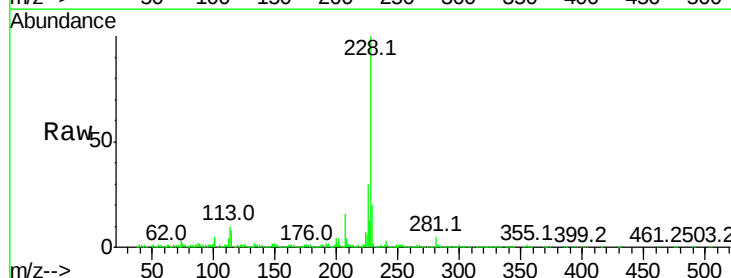
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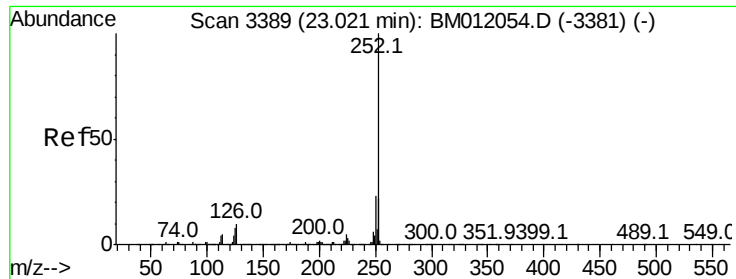
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#82
 Chrysene
 Concen: 7.552 ng/ul
 RT: 21.44 min Scan# 3121
 Delta R.T. -0.00 min
 Lab File: BM012056.D
 Acq: 10 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	20.1	15.5	23.3





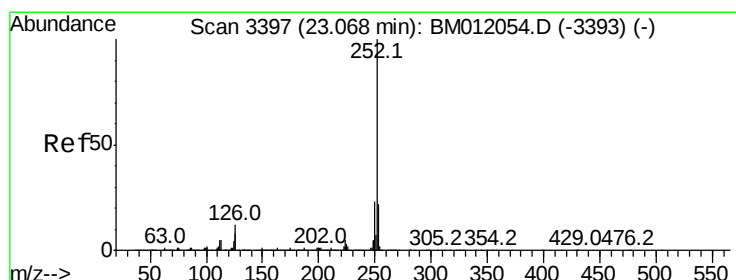
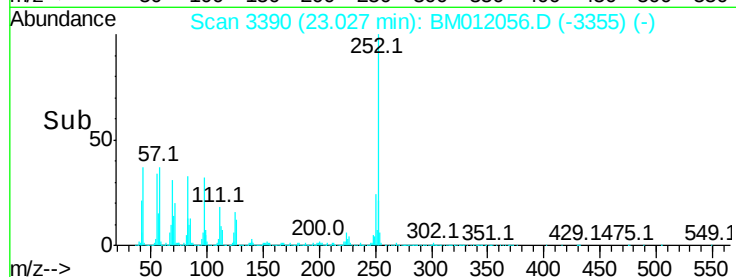
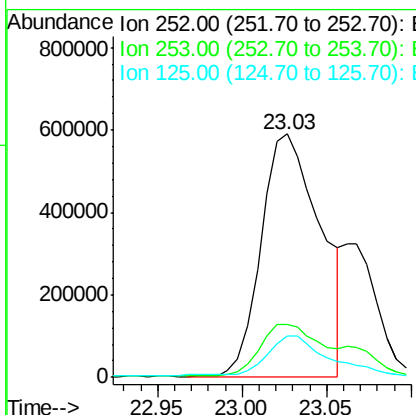
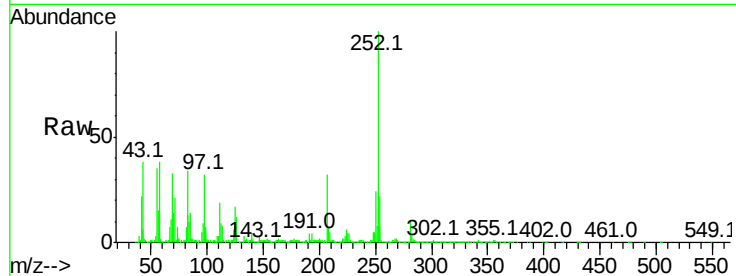
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Benzo(b)fluoranthene
Concen: 10.457 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012056.D
Acq: 10 Oct 2017 23:36

Instrument :
BNA_M
ClientSampleId :
CB3J9

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	16.8	3.6	5.4

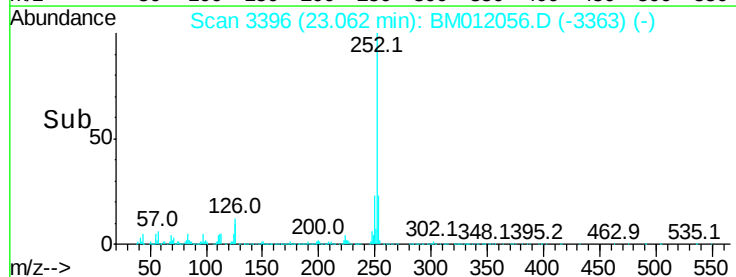
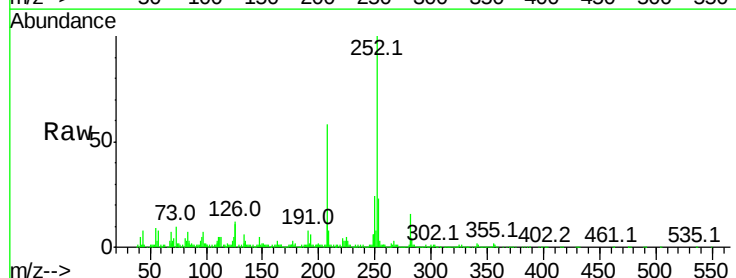
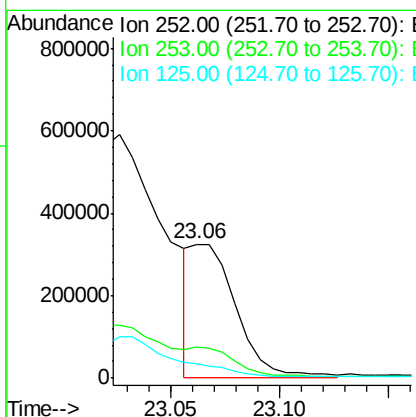
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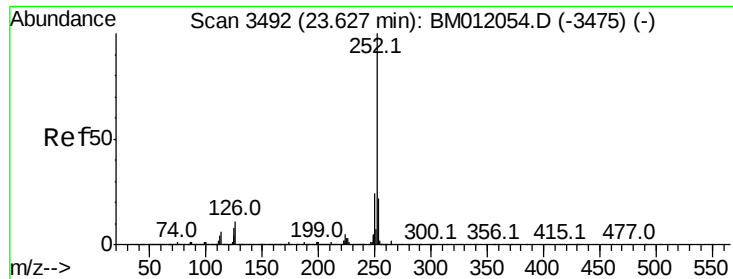
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#86
Benzo(k)fluoranthene
Concen: 3.375 ng/ul m
RT: 23.06 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM012056.D
Acq: 10 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	10.6	3.4	5.2





#88

Benzo(a)pyrene

Concen: 6.495 ng/ul

RT: 23.62 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM012056.D

Acq: 10 Oct 2017 23:36

Instrument :

BNA_M

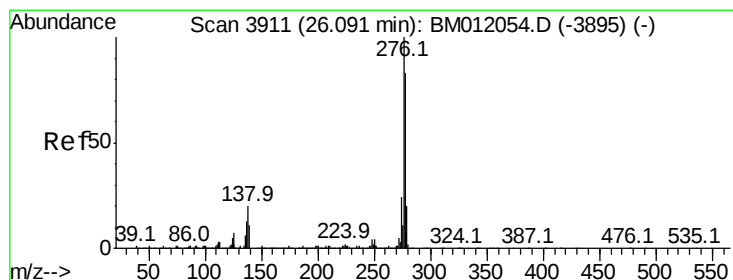
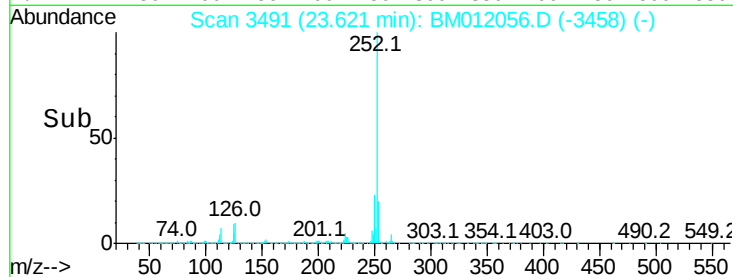
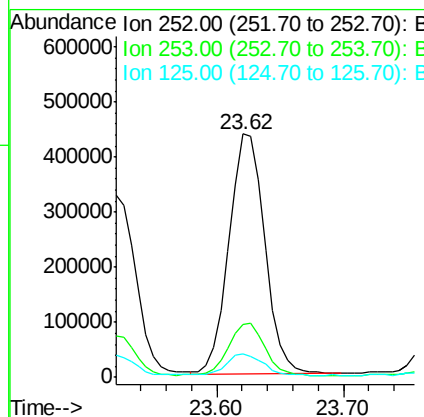
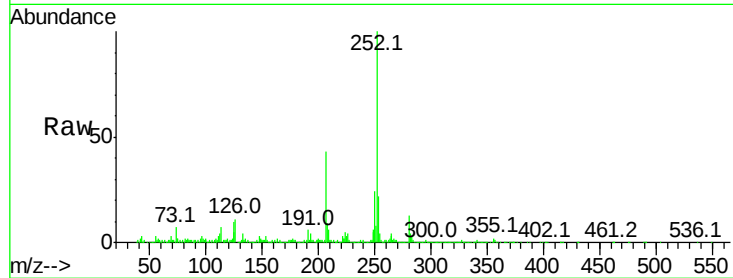
ClientSampled :

CB3J9

Tot Ion:	252	Resp:	854164
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	9.5	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 3.909 ng/ul

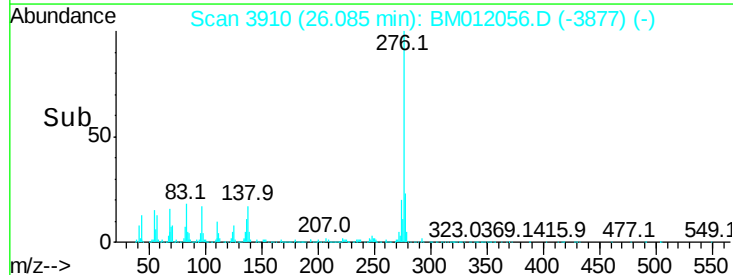
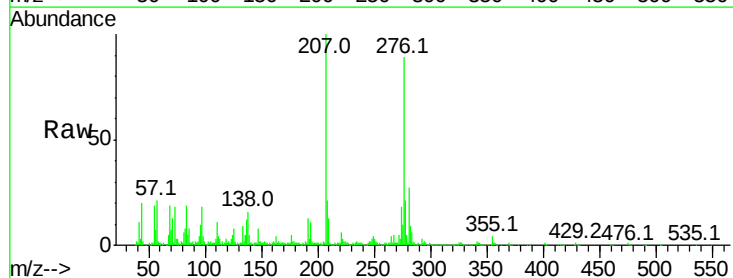
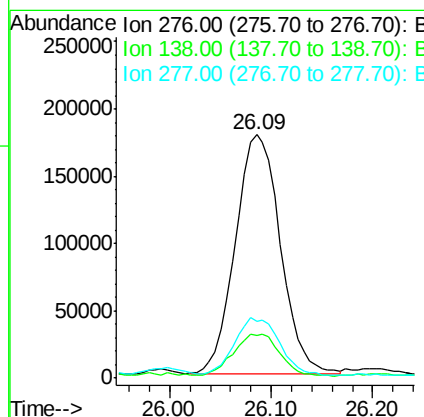
RT: 26.09 min Scan# 3910

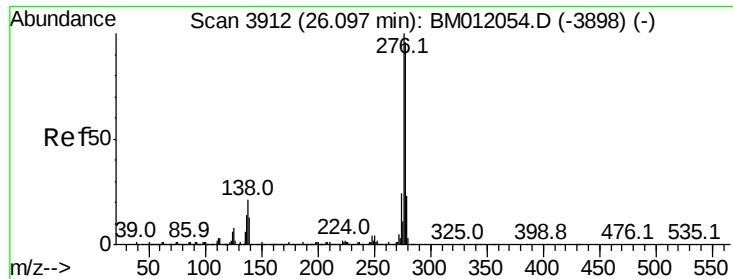
Delta R.T. -0.01 min

Lab File: BM012056.D

Acq: 10 Oct 2017 23:36

Tgt Ion:	276	Resp:	550050
Ion Ratio	Lower	Upper	
276	100		
138	17.5	9.3	13.9#
277	23.4	19.9	29.9





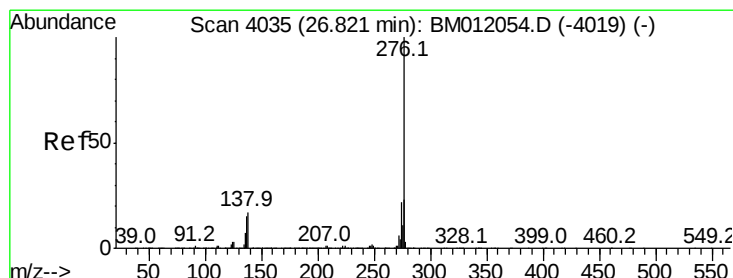
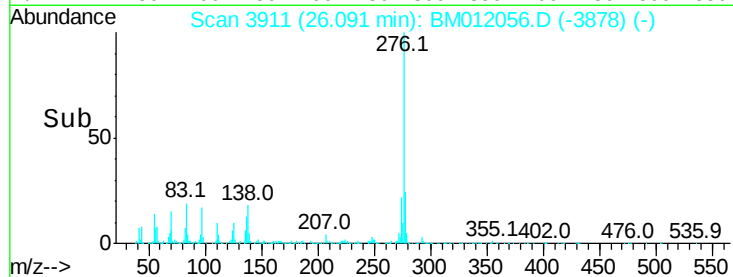
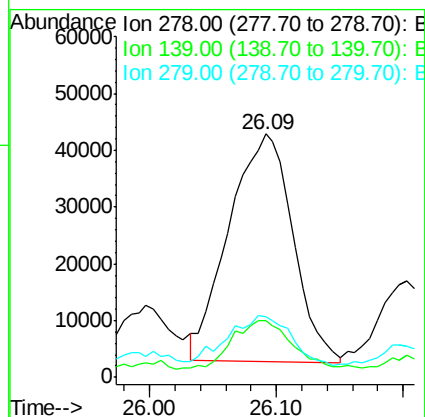
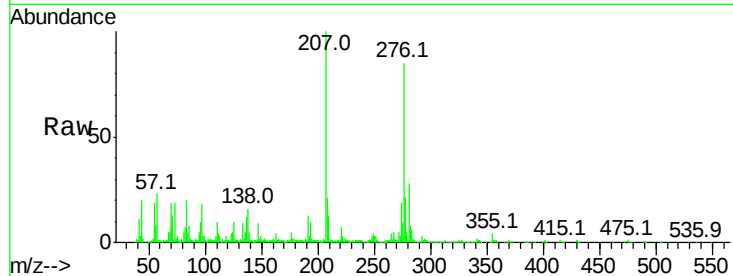
#90
Dibenzo(a,h)anthracene
Concen: 1.211 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM012056.D
Acq: 10 Oct 2017 23:36

Instrument :
BNA_M
ClientSampled :
CB3J9

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.2	5.8	8.8#
279	24.7	18.6	27.8

Manual Integrations
APPROVED

Sohil
10/11/2017 7:29:25 PM



#91
Benzo(g,h,i)perylene
Concen: 4.048 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM012056.D
Acq: 10 Oct 2017 23:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.2	8.5	12.7#
277	23.7	18.6	28.0

