

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012683.D
 Acq On : 03 Nov 2017 03:03
 Operator : SJ/JU
 Sample : I6045-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0E62

Manual Integrations
 APPROVED

Sohil
 11/3/2017 1:31:12 PM

Quant Time: Nov 03 05:11:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 03:08:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	158891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	632088	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	391924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	972014	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1181367	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1277919	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	8502	2.73	ng/uL	0.00
5) Phenol-d5	7.00	99	192732	14.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	103284	13.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	166961	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	154272	13.60	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	80875	20.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	92179	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	174387	16.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	168694	14.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	554981	16.21	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	669507	16.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	75774	14.89	ng/ul	0.00
57) Fluorene-d10	15.45	176	487097	16.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	74315	15.80	ng/ul	0.00
70) Anthracene-d10	17.30	188	786688	16.98	ng/ul	0.00
76) Pyrene-d10	19.59	212	919418	16.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1049245	17.28	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.02	94	31252	2.261	ng/ul#	83
44) Dimethylphthalate	13.92	163	371560	10.971	ng/ul	98
47) Acenaphthylene	14.18	152	51410	1.330	ng/ul	97
49) Acenaphthene	14.52	153	52737	1.992	ng/ul	97
53) Dibenzofuran	14.86	168	74344	1.898	ng/ul	98
58) Fluorene	15.51	166	58233	1.757	ng/ul	95
69) Phenanthrene	17.24	178	1455890	27.697	ng/ul	99
71) Anthracene	17.33	178	224534	4.133	ng/ul	97
72) Carbazole	17.60	167	114820	2.551	ng/ul	97
74) Fluoranthene	19.26	202	1864742	31.307	ng/ul#	95
77) Pyrene	19.62	202	1609911	23.964	ng/ul#	93
80) Benzo(a)anthracene	21.36	228	851627	12.038	ng/ul	99
82) Chrysene	21.42	228	852684	13.557	ng/ul	97
85) Benzo(b)fluoranthene	22.98	252	1028712	13.022	ng/ul#	97
86) Benzo(k)fluoranthene	23.02	252	369177m	4.965	ng/ul	
88) Benzo(a)pyrene	23.57	252	729507	9.686	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.99	276	482083	5.438	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.99	278	136423	1.815	ng/ul#	91
91) Benzo(g,h,i)perylene	26.69	276	377563	5.256	ng/ul#	95

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

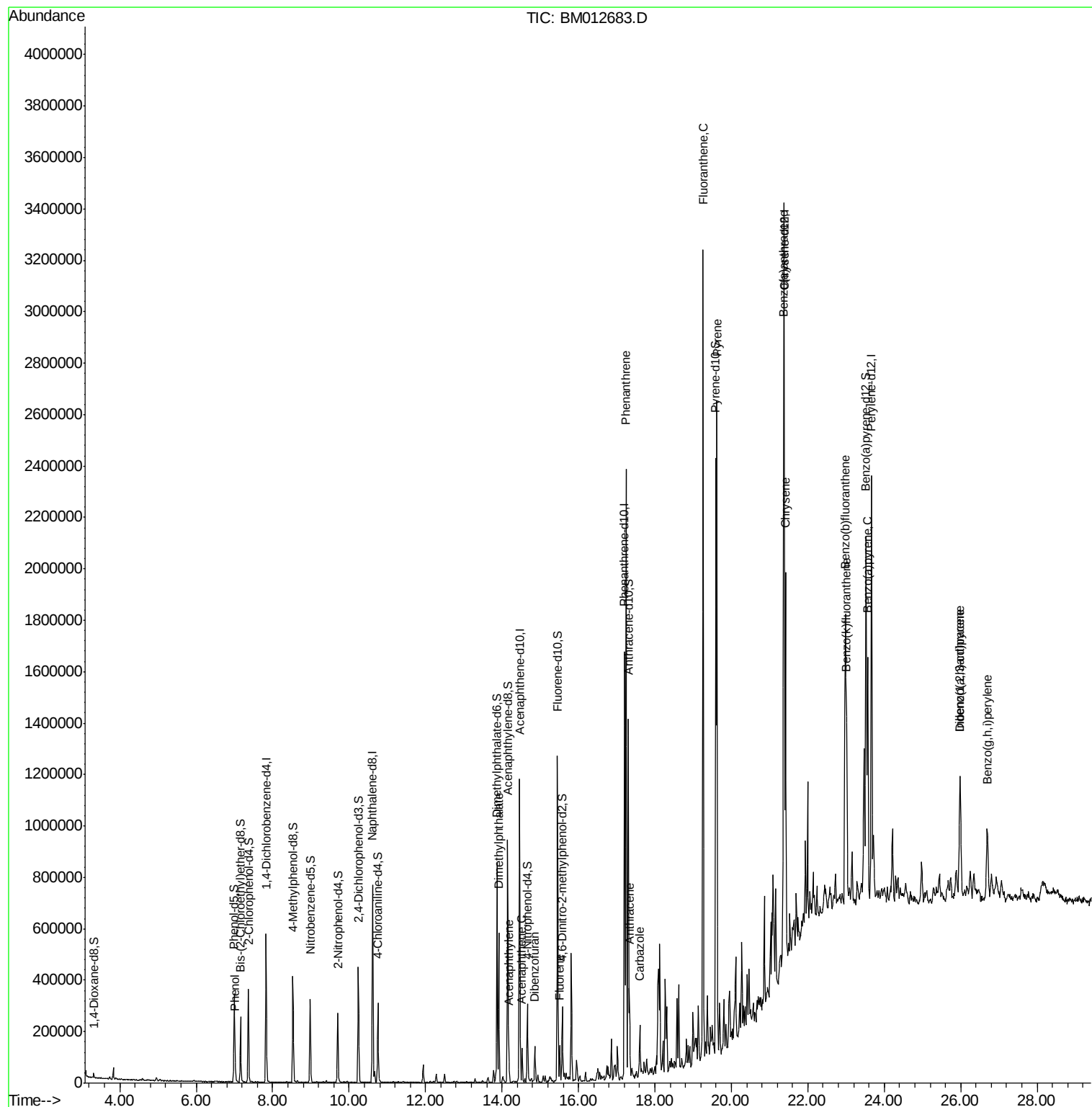
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012683.D
Acq On : 03 Nov 2017 03:03
Operator : SJ/JU
Sample : I6045-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

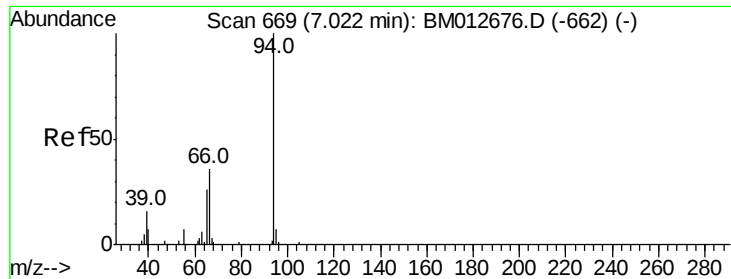
Instrument :
BNA_M
ClientSampleId :
B0E62

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11/3/2017 1:31:12 PM

Quant Time: Nov 03 05:11:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 03:08:54 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.261 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Instrument :

BNA_M

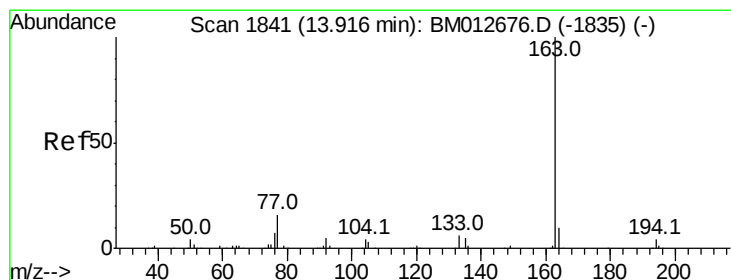
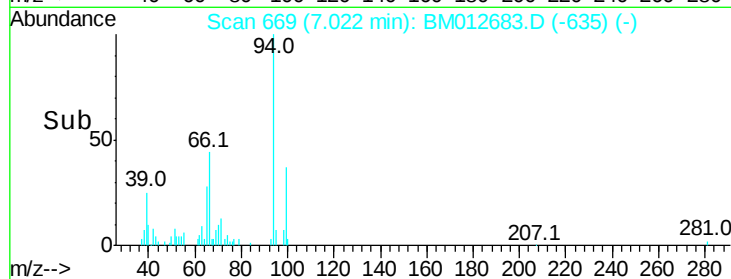
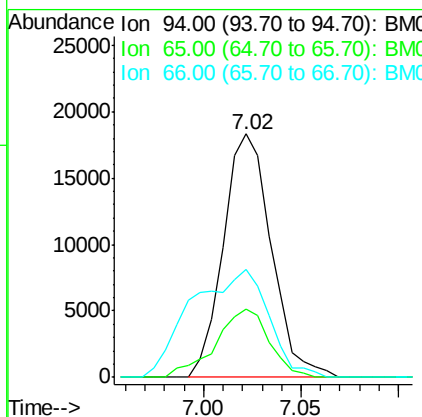
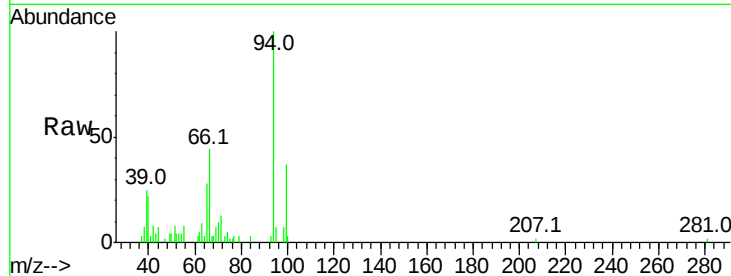
ClientSampleId :

B0E62

Tot Ion:	94	Resp:	31252
Ion Ratio	Lower	Upper	
94	100		
65	28.2	28.2	42.4#
66	44.5	47.2	70.8#

Manual Integrations
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#44

Dimethylphthalate

Concen: 10.971 ng/ul

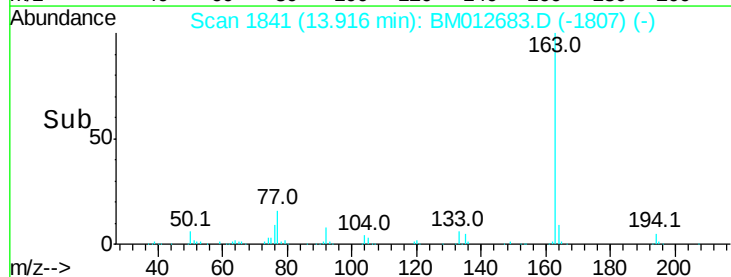
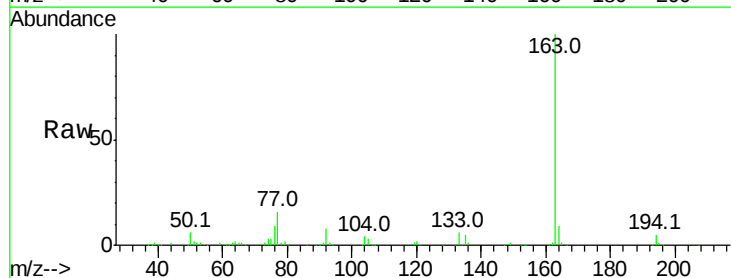
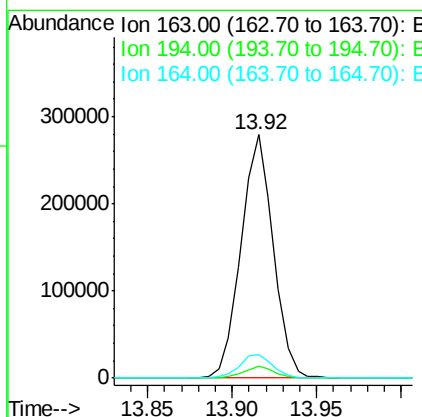
RT: 13.92 min Scan# 1841

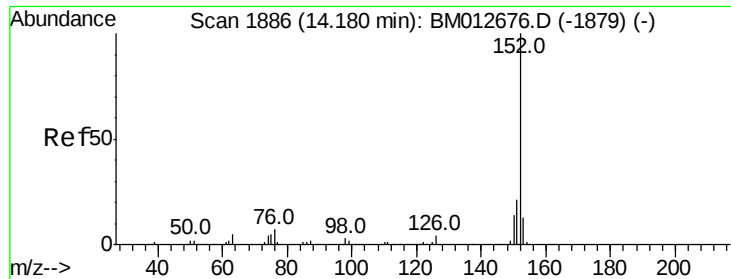
Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Tgt Ion:	163	Resp:	371560
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	9.5	8.2	12.4





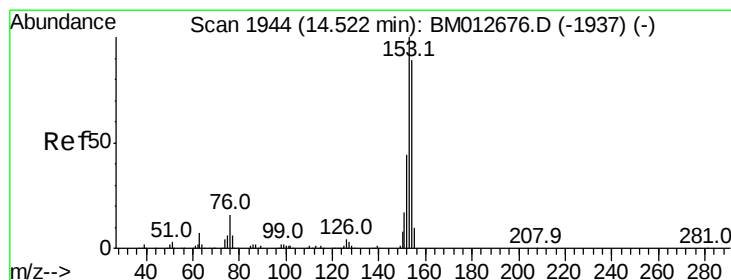
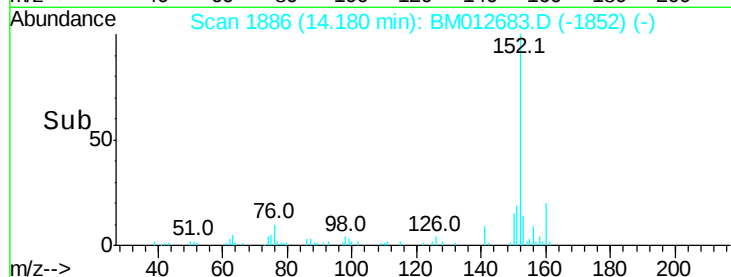
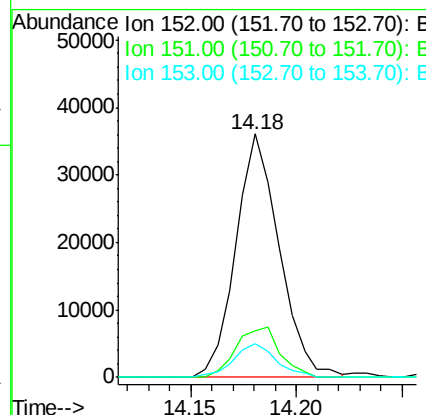
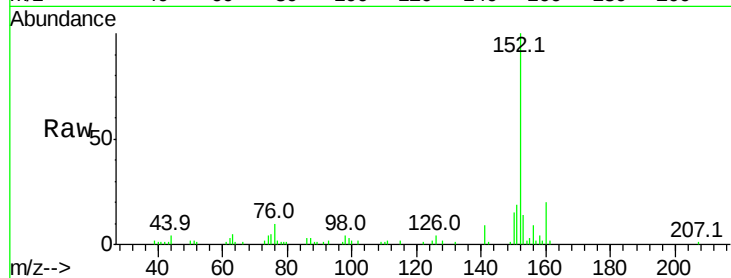
#47
Acenaphthylene
Concen: 1.330 ng/ul
RT: 14.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Instrument :
BNA_M
ClientSampleId :
B0E62

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.3	24.5
153	13.9	10.2	15.4

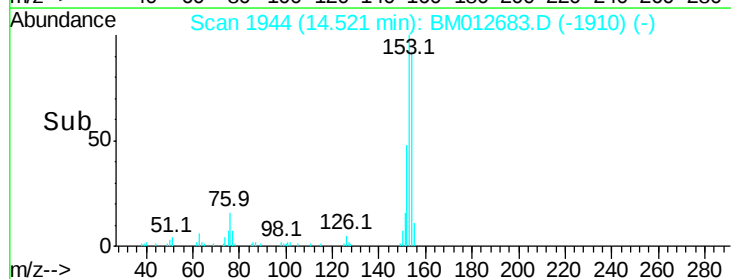
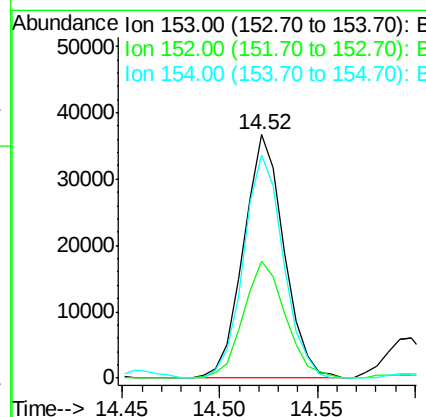
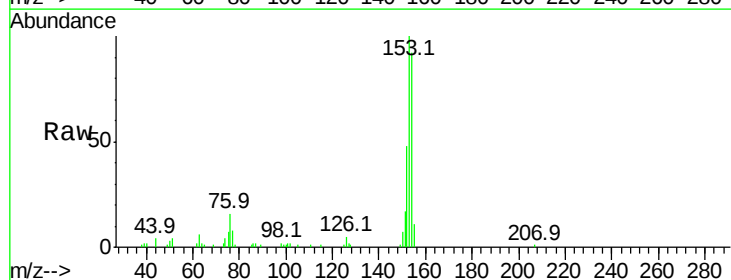
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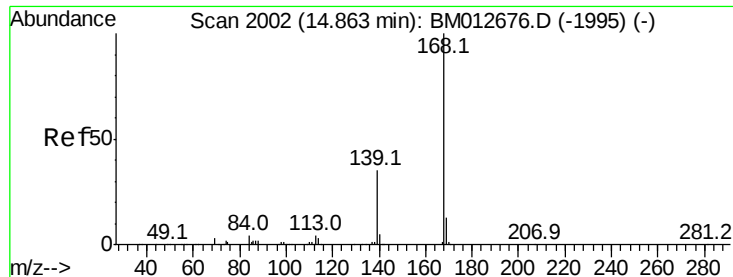
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#49
Acenaphthene
Concen: 1.992 ng/ul
RT: 14.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.2	37.6	56.4
154	91.6	70.4	105.6





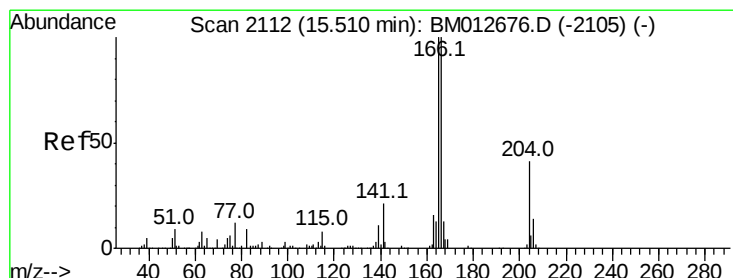
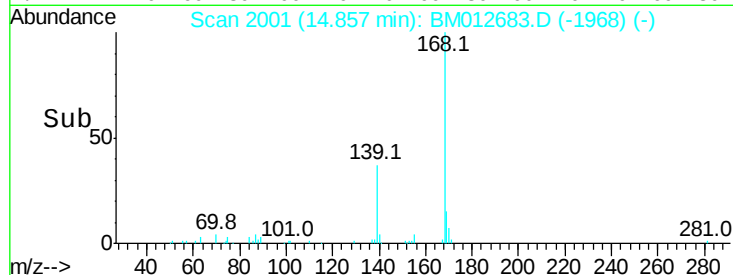
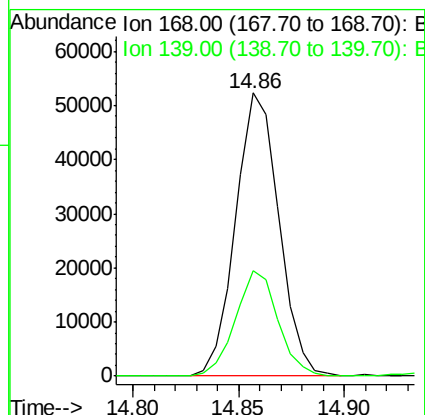
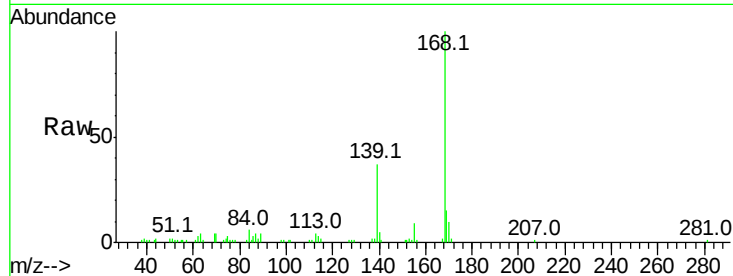
#53
Dibenzenofuran
Concen: 1.898 ng/ul
RT: 14.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Instrument :
BNA_M
ClientSampled :
B0E62

Tot Ion:168 Resp: 74344
Ion Ratio Lower Upper
168 100
139 37.1 30.8 46.2

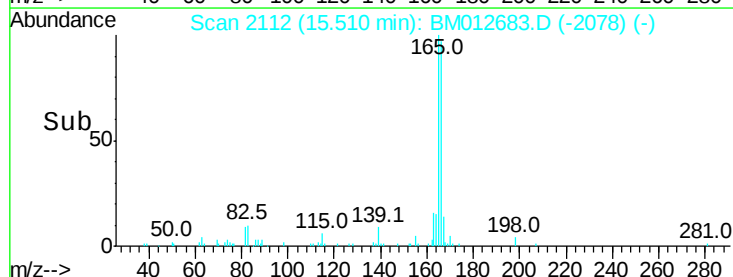
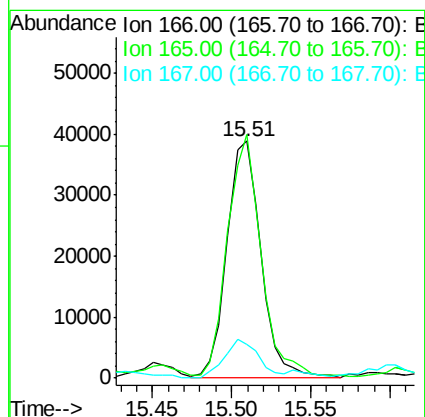
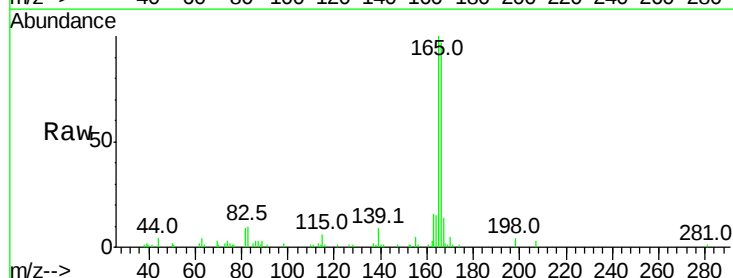
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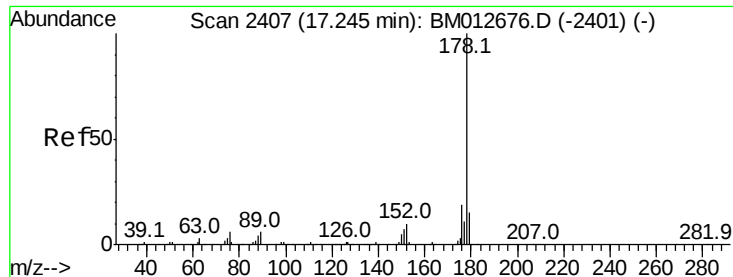
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#58
Fluorene
Concen: 1.757 ng/ul
RT: 15.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Tgt Ion:166 Resp: 58233
Ion Ratio Lower Upper
166 100
165 102.8 77.9 116.9
167 14.4 10.6 16.0





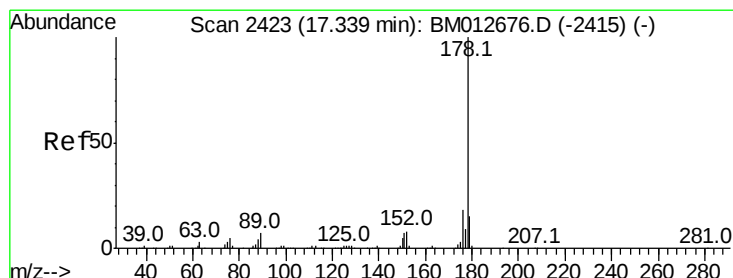
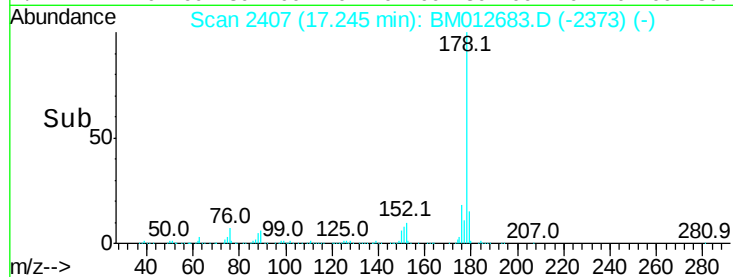
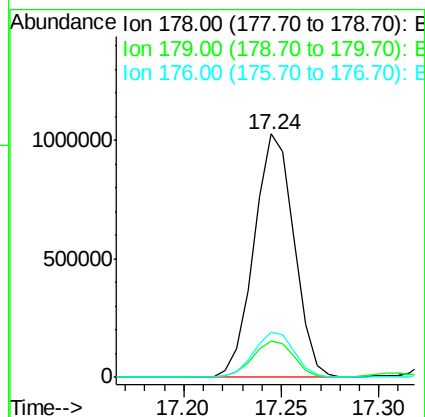
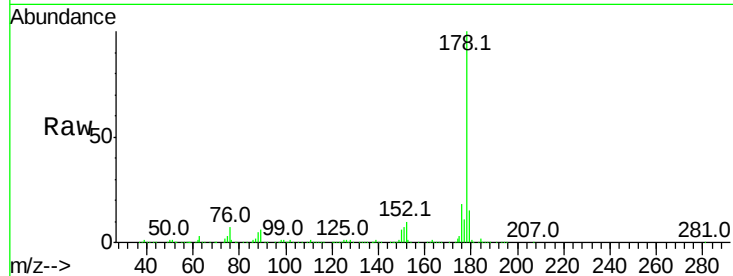
#69
Phenanthrene
Concen: 27.697 ng/ul
RT: 17.24 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Instrument :
BNA_M
ClientSampled :
B0E62

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.5	14.9	22.3

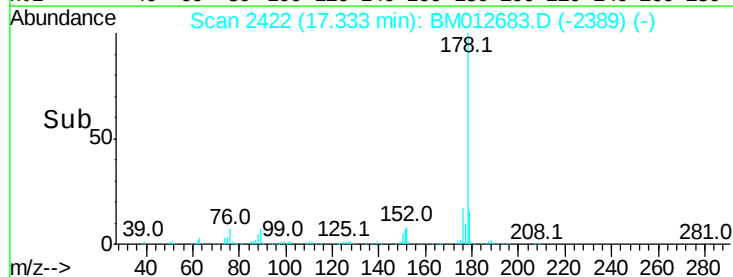
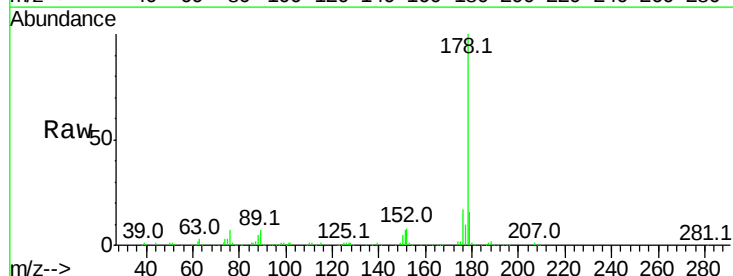
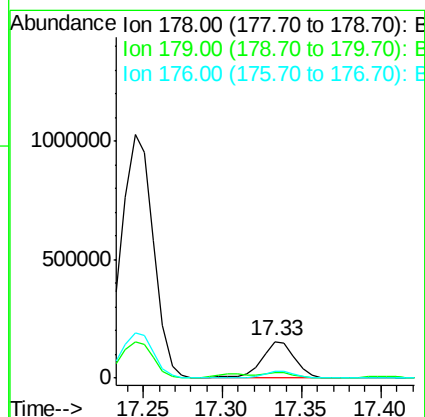
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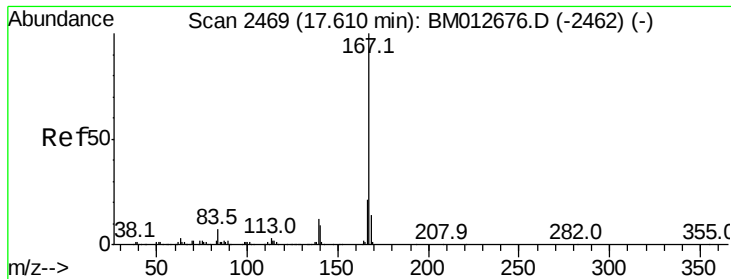
Sohil
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#71
Anthracene
Concen: 4.133 ng/ul
RT: 17.33 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	17.4	14.6	21.8





#72

Carbazole

Concen: 2.551 ng/ul

RT: 17.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Instrument :

BNA_M

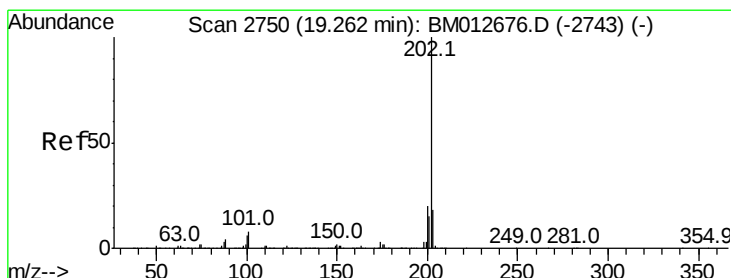
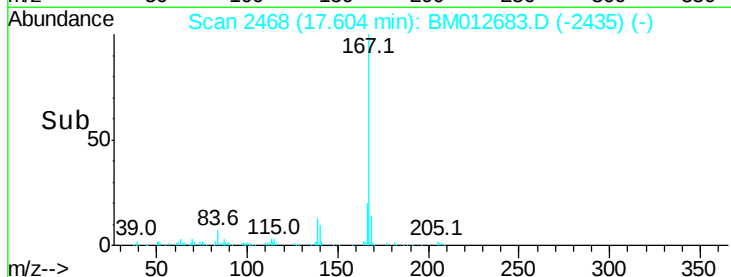
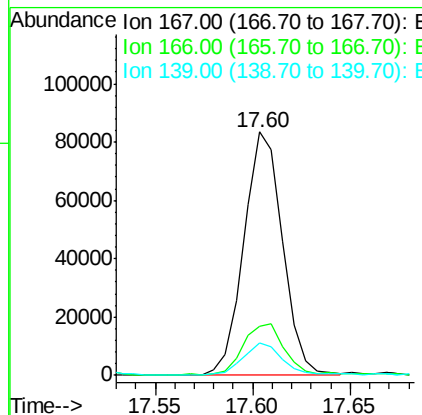
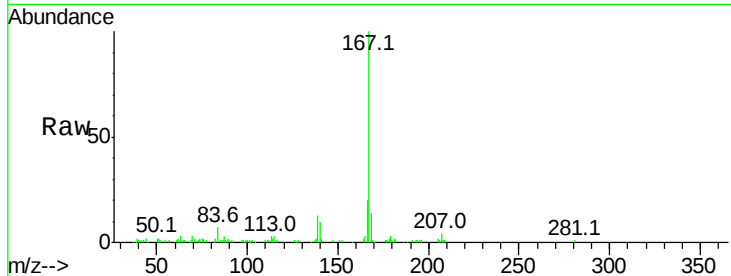
ClientSampled :

B0E62

Tot Ion:	167	Resp:	114820
Ion Ratio	Lower	Upper	
167	100		
166	19.9	17.1	25.7
139	13.3	10.0	15.0

Manual Integrations
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#74

Fluoranthene

Concen: 31.307 ng/ul

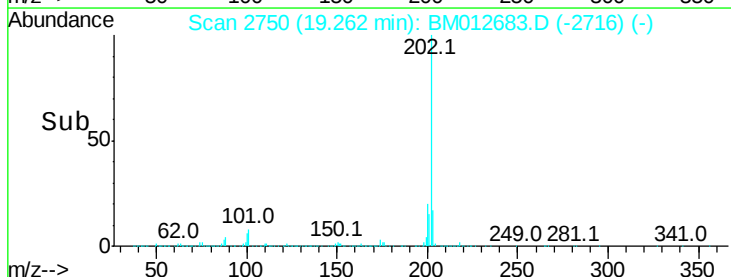
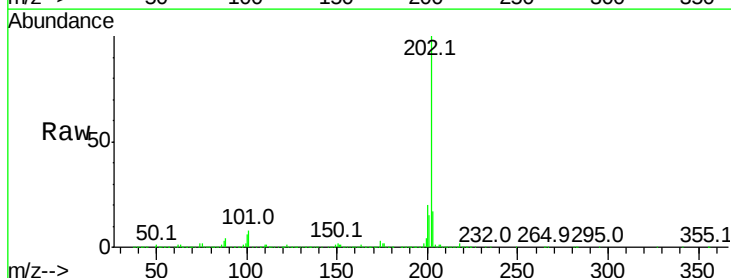
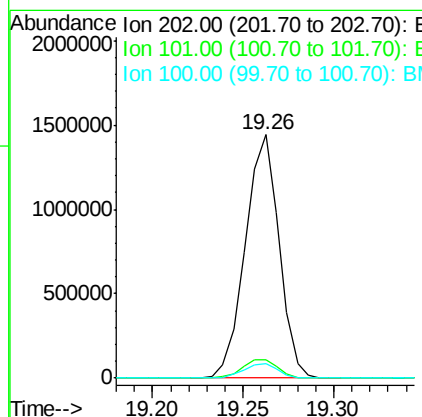
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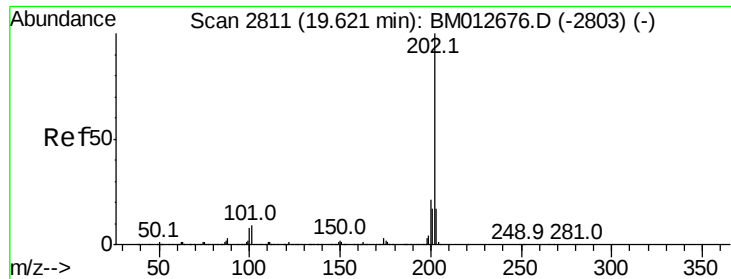
Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Tgt Ion:	202	Resp:	1864742
Ion Ratio	Lower	Upper	
202	100		
101	7.8	4.6	7.0#
100	5.8	3.4	5.2#





#77

Pvrene

Concen: 23.964 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Instrument :

BNA_M

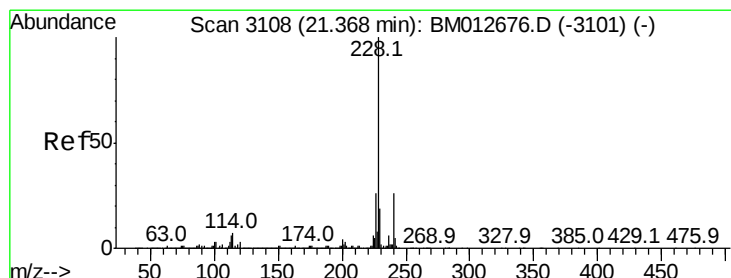
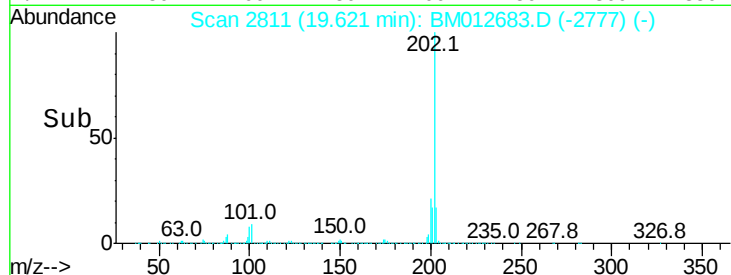
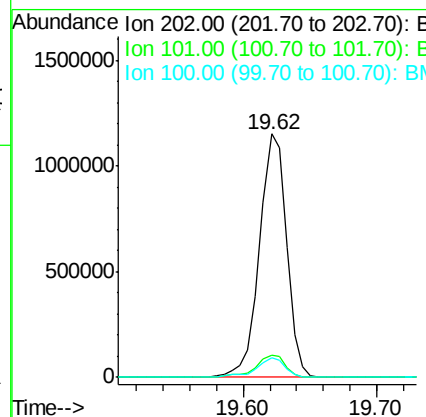
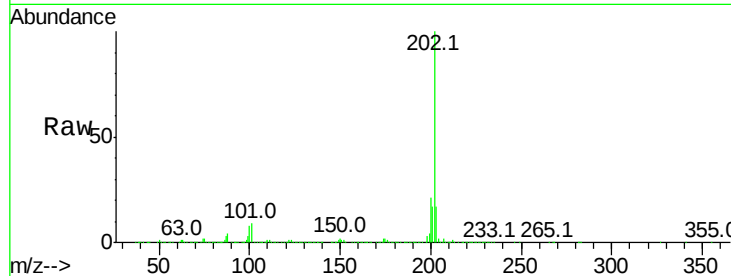
ClientSampleId :

B0E62

Tot Ion:	202	Resp:	1609911
Ion Ratio	Lower	Upper	
202	100		
101	9.4	5.1	7.7#
100	8.1	4.9	7.3#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 12.038 ng/ul

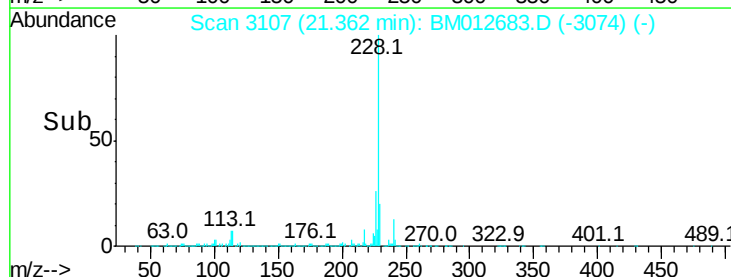
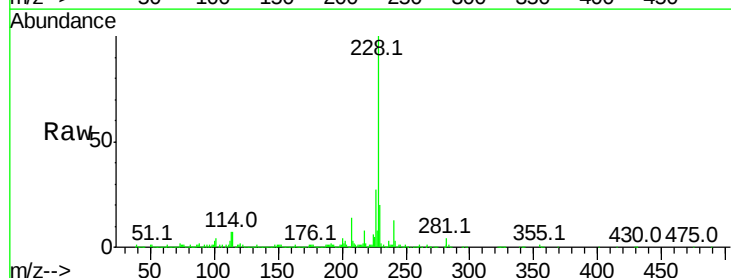
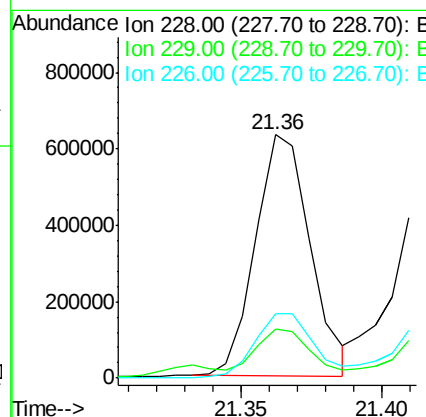
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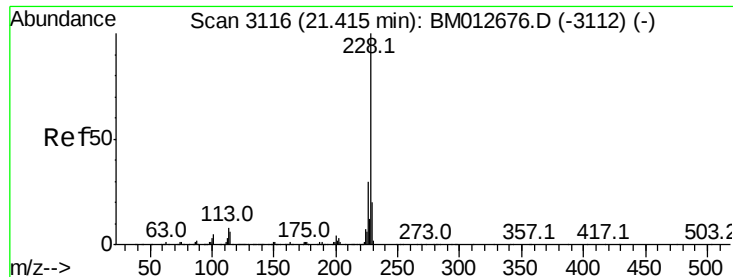
Delta R.T. -0.01 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Tgt Ion:	228	Resp:	851627
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	26.6	21.4	32.0





#82

Chrysene

Concen: 13.557 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Instrument :

BNA_M

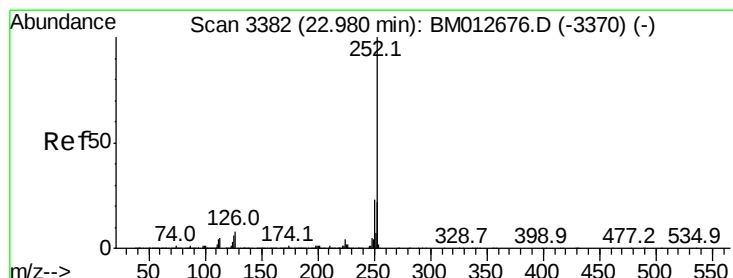
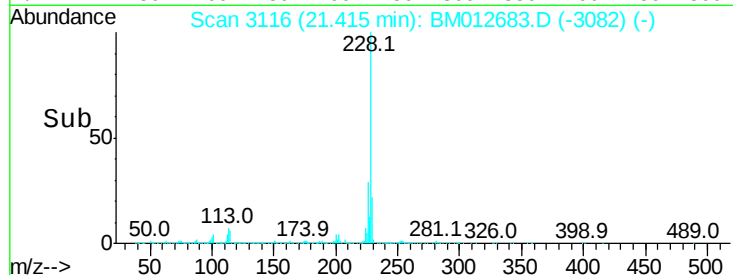
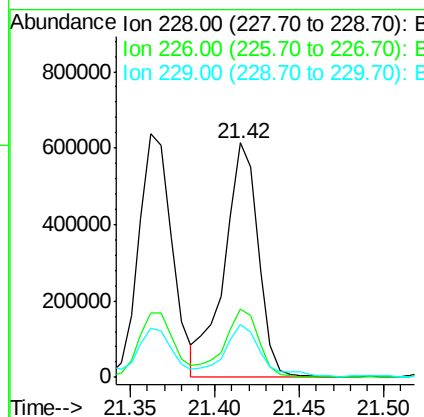
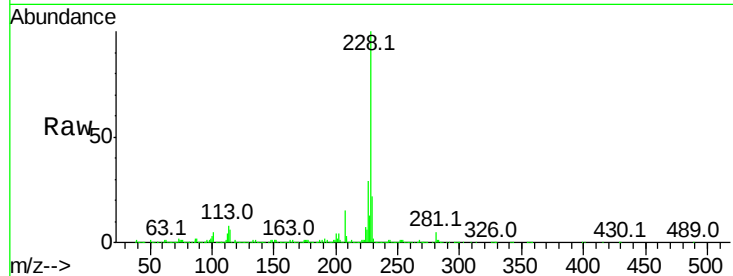
ClientSampleId :

B0E62

Tot Ion:	228	Resp:	852684
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	22.4	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 13.022 ng/ul

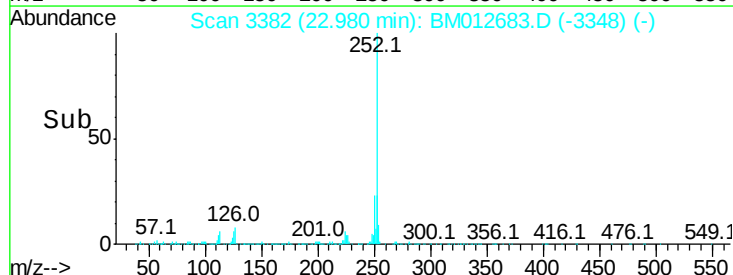
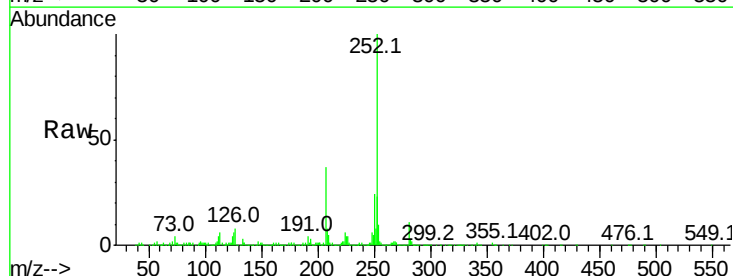
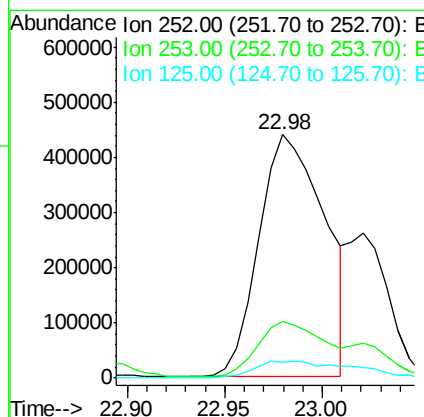
RT: 22.98 min Scan# 3382

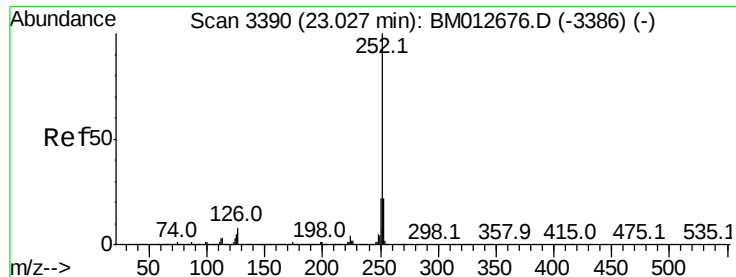
Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Tgt Ion:	252	Resp:	1028712
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	6.4	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 4.965 ng/ul

RT: 23.02 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Instrument :

BNA_M

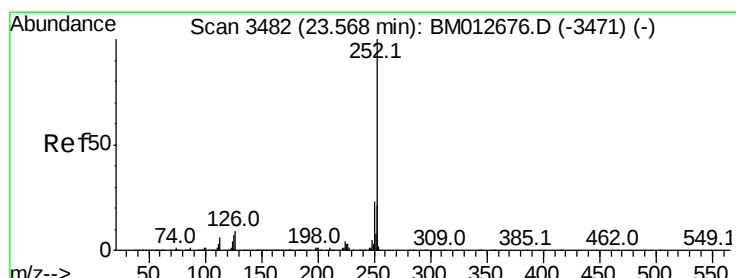
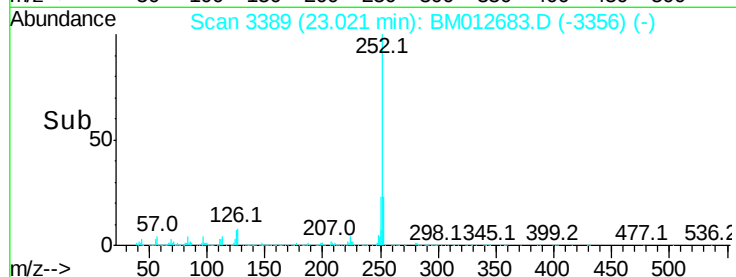
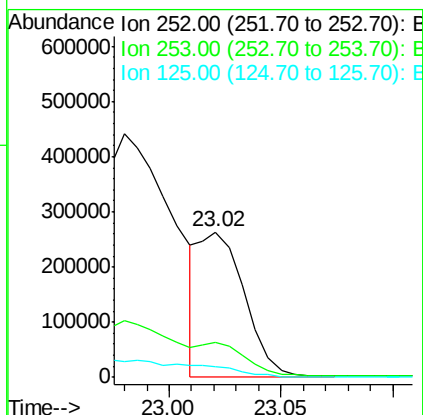
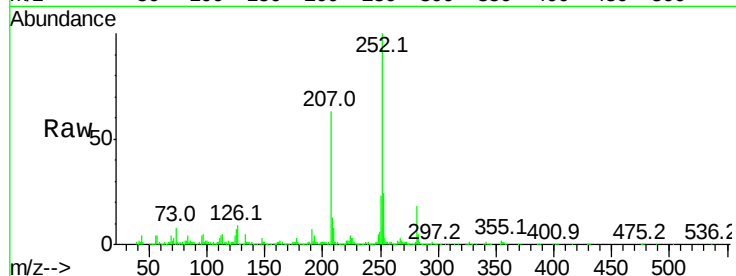
ClientSampled :

B0E62

Tot Ion:	252	Resp:	369177
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.1	25.7
125	7.1	3.4	5.2#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 9.686 ng/ul

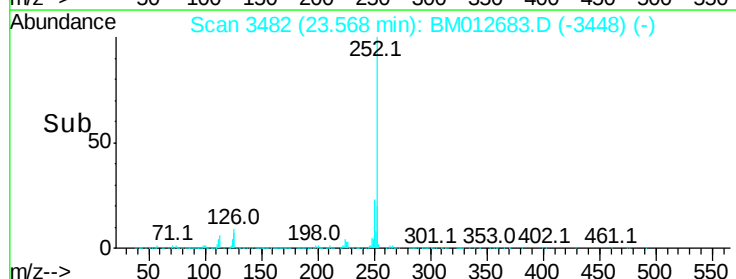
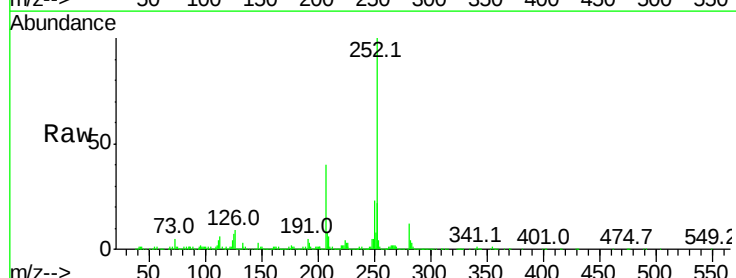
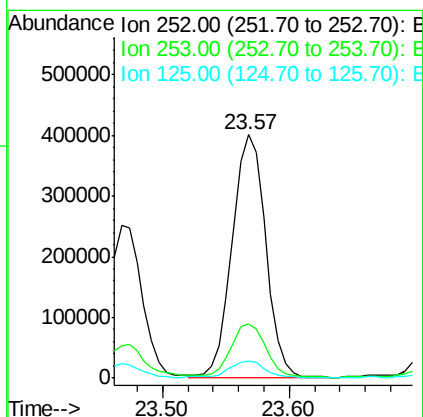
RT: 23.57 min Scan# 3482

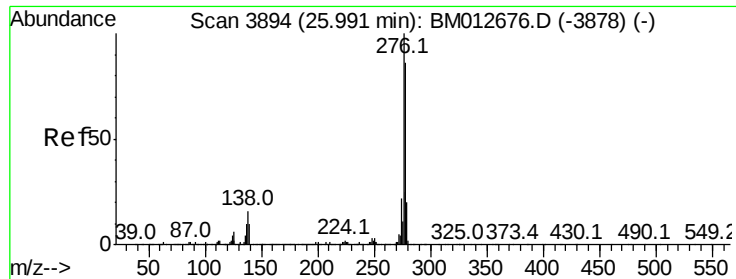
Delta R.T. -0.00 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Tgt Ion:	252	Resp:	729507
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.2
125	7.0	4.0	6.0#





#89

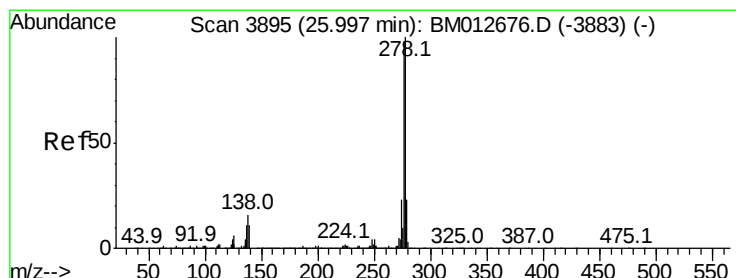
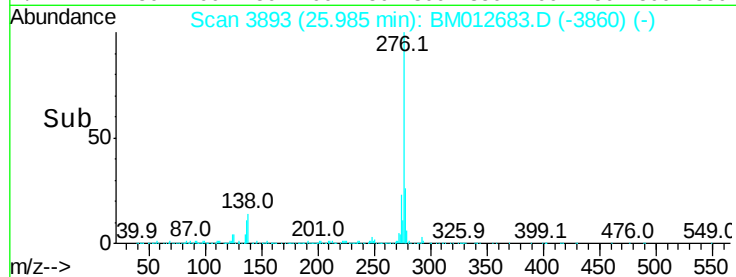
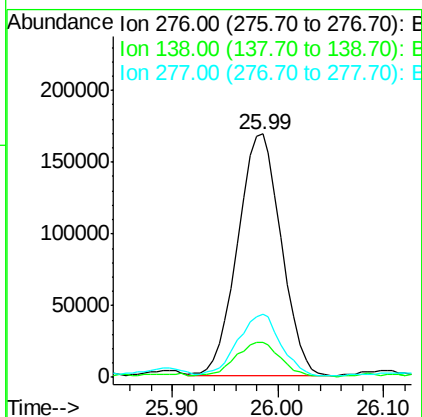
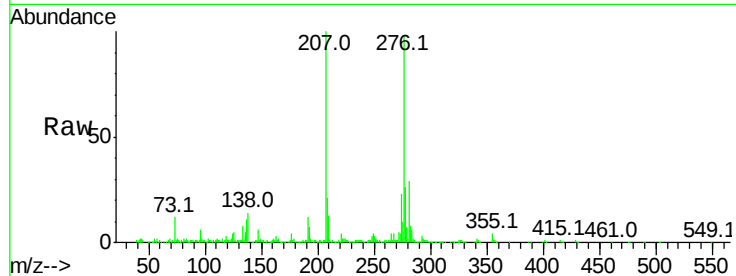
Indeno(1,2,3-cd)pyrene
Concen: 5.438 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Instrument :
BNA_M
ClientSampleId :
B0E62

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.5	9.3	13.9#
277	26.1	19.9	29.9

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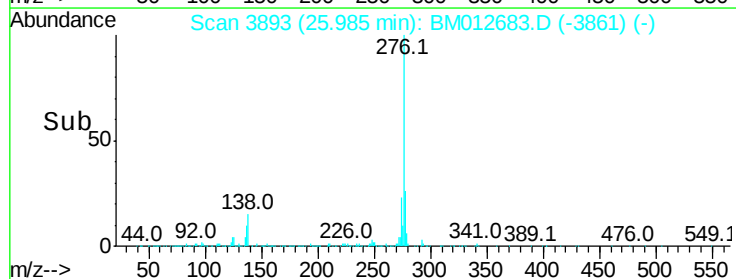
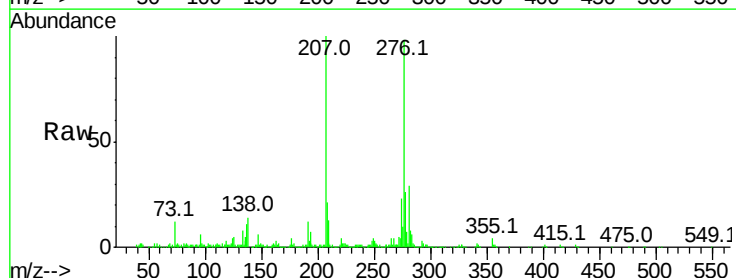
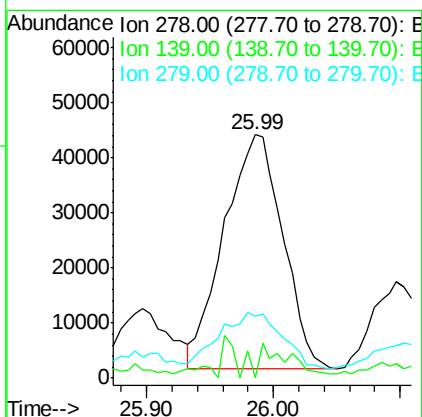
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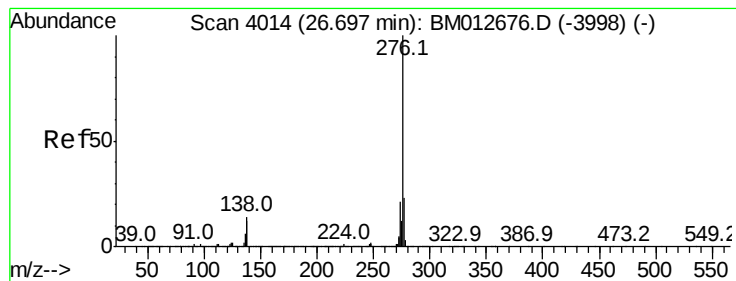


#90

Dibenzo(a,h)anthracene
Concen: 1.815 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. -0.01 min
Lab File: BM012683.D
Acq: 03 Nov 2017 03:03

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.5	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 5.256 ng/ul

RT: 26.69 min Scan# 4013

Delta R.T. -0.01 min

Lab File: BM012683.D

Acq: 03 Nov 2017 03:03

Instrument :

BNA_M

ClientSampleId :

B0E62

Tot Ion:	276	Resp:	377563
Ion Ratio	Lower	Upper	
276	100		
138	14.8	8.5	12.7#
277	24.7	18.6	28.0

Manual Integrations
APPROVED

Sohil

11/3/2017 1:31:12 PM

