

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012833.D
 Acq On : 08 Nov 2017 22:19
 Operator : SJ/JU
 Sample : I6032-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-31(1-2)-101817

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:46 PM

Quant Time: Nov 09 04:36:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	161604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	662418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	402330	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	863957m	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	722215	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	763772	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13202	4.41	ng/uL	0.00
5) Phenol-d5	6.98	99	320307	26.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	184757	28.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	284639	28.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	278255	26.81	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	142913	29.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	163954	29.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	316526	27.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	302465	27.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1018669	30.60	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1209587	29.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	114150	21.40	ng/ul	0.01
57) Fluorene-d10	15.43	176	858981	30.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	62862	11.02	ng/ul	0.01
70) Anthracene-d10	17.29	188	1297856	31.09	ng/ul	0.00
78) Pyrene-d10	19.58	212	1247939	37.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1204950	33.37	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.00	94	33581	2.721	ng/ul	97
28) Naphthalene	10.64	128	231864	7.001	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	52778	2.085	ng/ul	98
44) Dimethylphthalate	13.90	163	278671	8.435	ng/ul#	99
69) Phenanthrene	17.23	178	896283m	18.980	ng/ul	
71) Anthracene	17.32	178	214536	4.382	ng/ul	98
75) Di-n-butylphthalate	18.15	149	260869	5.452	ng/ul	99
76) Fluoranthene	19.24	202	1286235m	22.667	ng/ul	
79) Pyrene	19.61	202	1054079	24.462	ng/ul#	93
82) Benzo(a)anthracene	21.35	228	559067	12.793	ng/ul	98
84) Chrysene	21.40	228	515278	13.010	ng/ul	97
87) Benzo(b)fluoranthene	22.97	252	741896	15.895	ng/ul#	97
88) Benzo(k)fluoranthene	23.01	252	209581m	4.724	ng/ul	
90) Benzo(a)pyrene	23.56	252	494581m	11.136	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.97	276	396896	7.415	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.97	278	105671	2.332	ng/ul#	93
93) Benzo(g,h,i)perylene	26.68	276	338592	7.677	ng/ul#	90

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

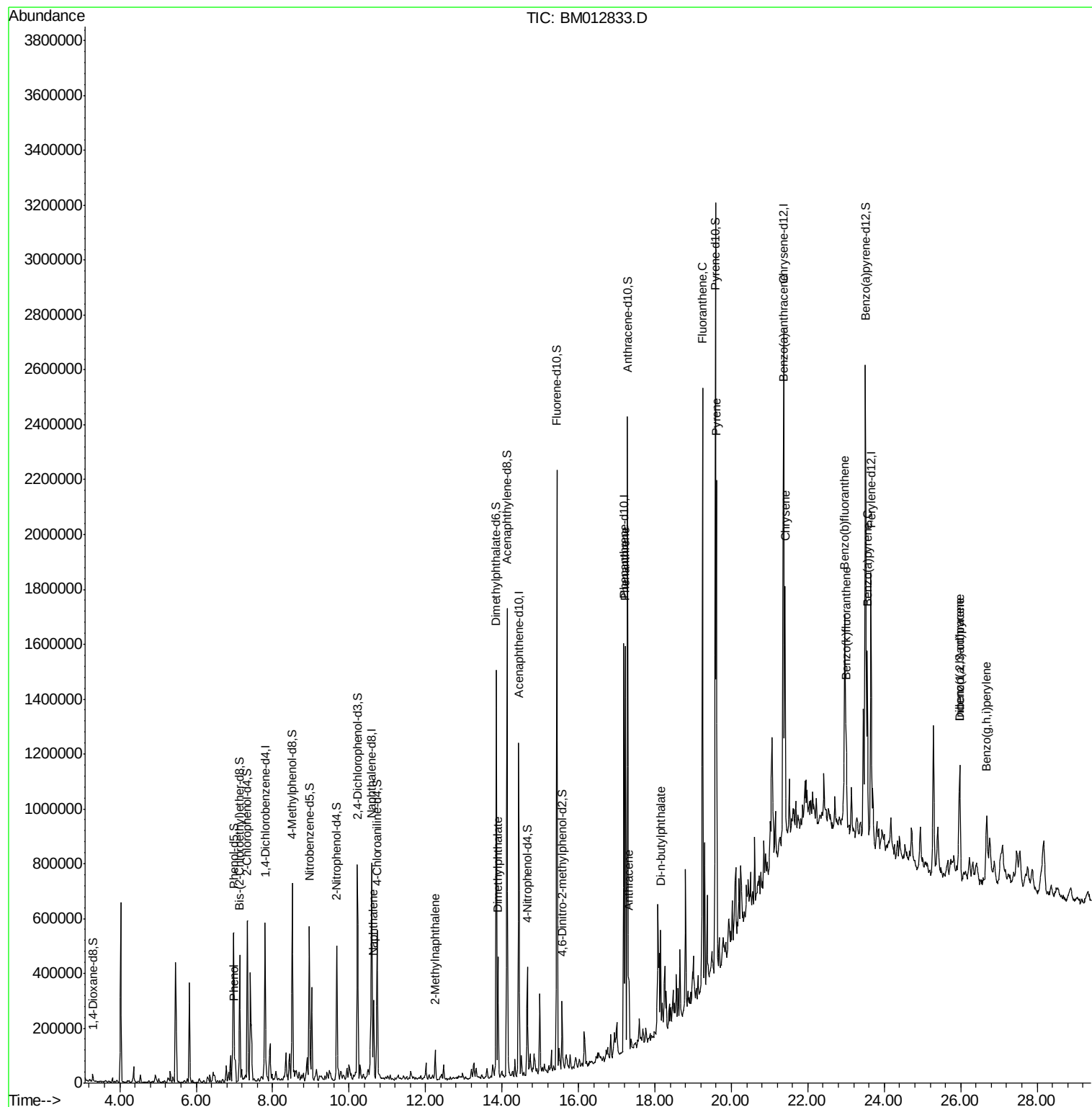
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012833.D
Acq On : 08 Nov 2017 22:19
Operator : SJ/JU
Sample : I6032-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

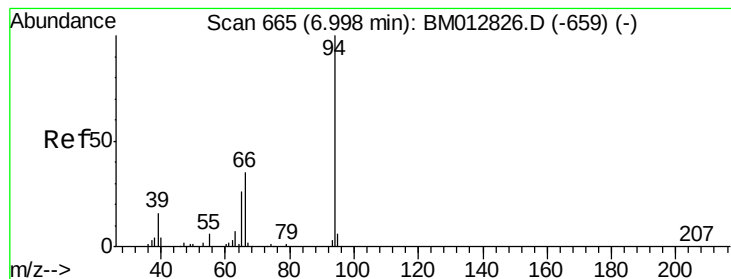
Instrument :
BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.721 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Instrument :

BNA_M

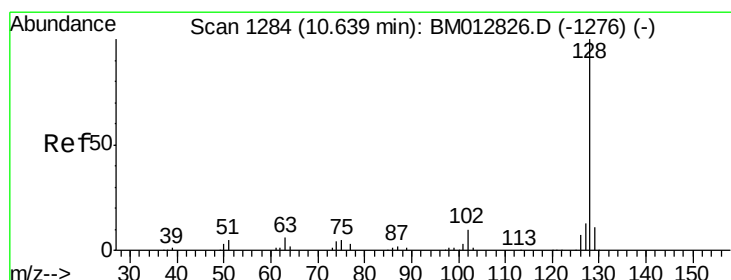
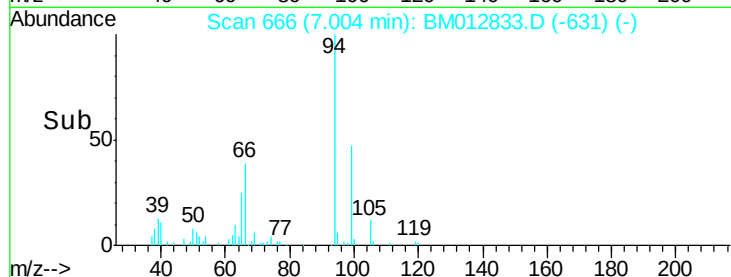
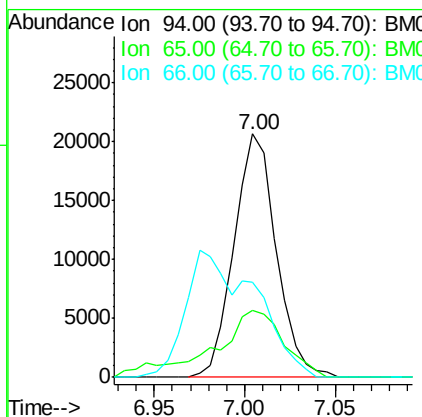
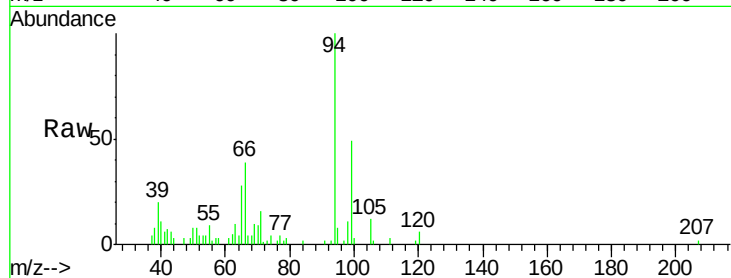
ClientSampleId :

B-31(1-2)-101817

Tgt Ion:	94	Resp:	33581
Ion Ratio	Lower	Upper	
94	100		
65	27.5	21.0	31.6
66	38.8	29.3	43.9

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#28

Naphthalene

Concen: 7.001 ng/ul

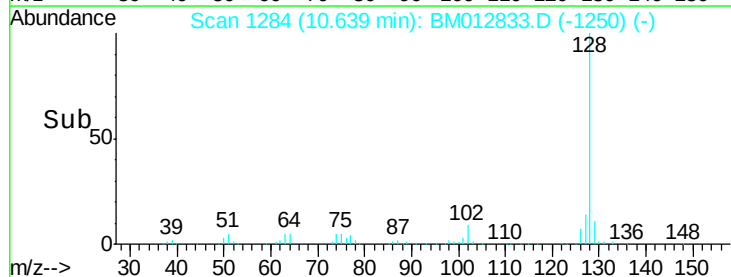
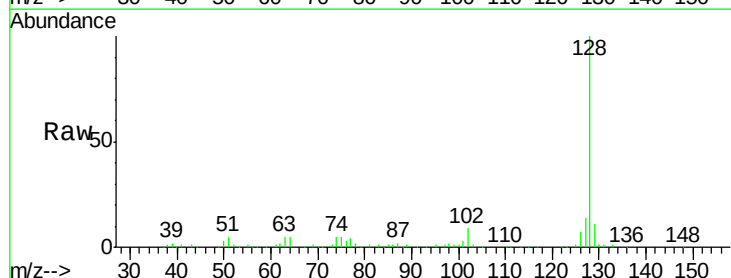
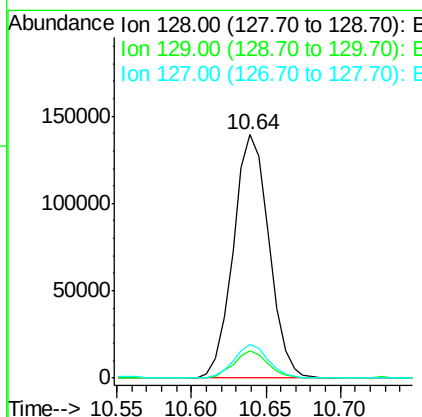
RT: 10.64 min Scan# 1284

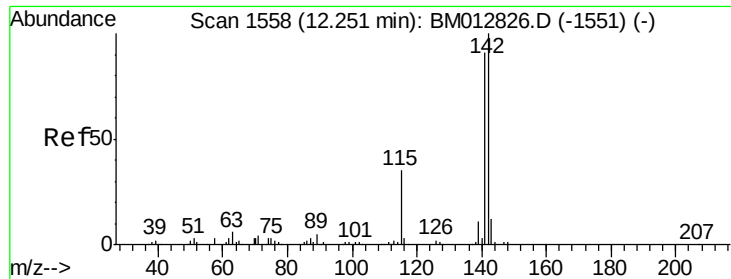
Delta R.T. 0.00 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Tgt Ion:	128	Resp:	231864
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	14.0	10.5	15.7





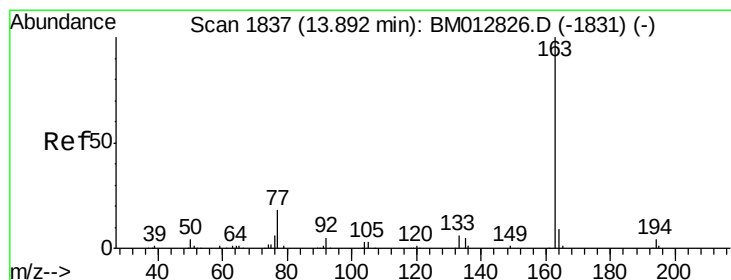
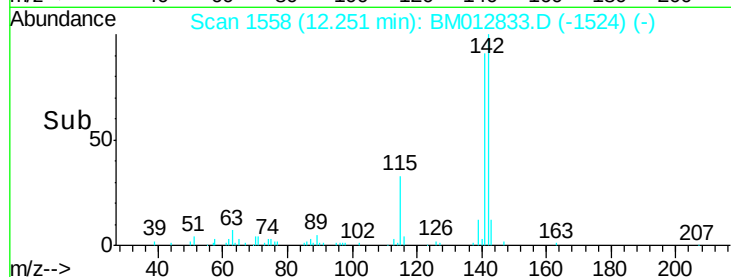
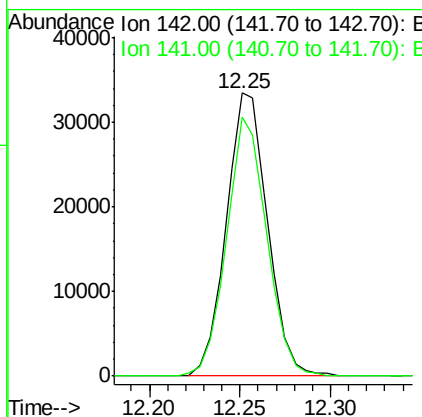
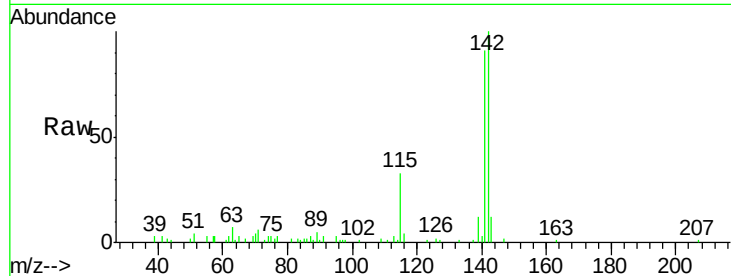
#34
2-Methylnaphthalene
Concen: 2.085 ng/ul
RT: 12.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BM012833.D
Acq: 08 Nov 2017 22:19

Instrument :
BNA_M
ClientSampleId :
B-31(1-2)-101817

Tgt Ion:142 Resp: 52778
Ion Ratio Lower Upper
142 100
141 91.4 71.6 107.4

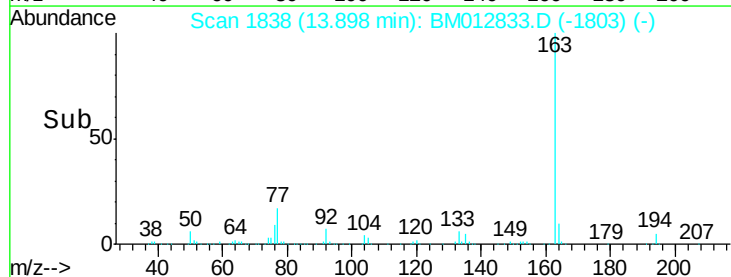
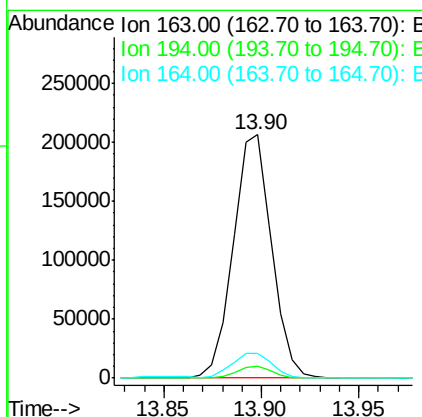
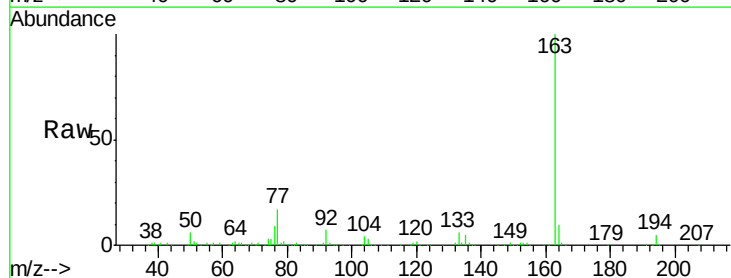
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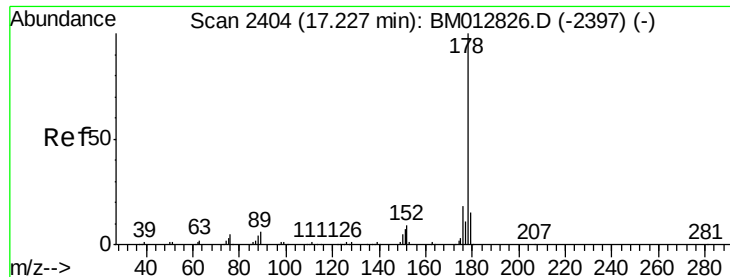
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#44
Dimethylphthalate
Concen: 8.435 ng/ul
RT: 13.90 min Scan# 1838
Delta R.T. 0.01 min
Lab File: BM012833.D
Acq: 08 Nov 2017 22:19

Tgt Ion:163 Resp: 278671
Ion Ratio Lower Upper
163 100
194 4.8 3.2 4.8#
164 10.2 7.8 11.8





#69

Phenanthrene

Concen: 18.980 ng/ul m

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Instrument :

BNA_M

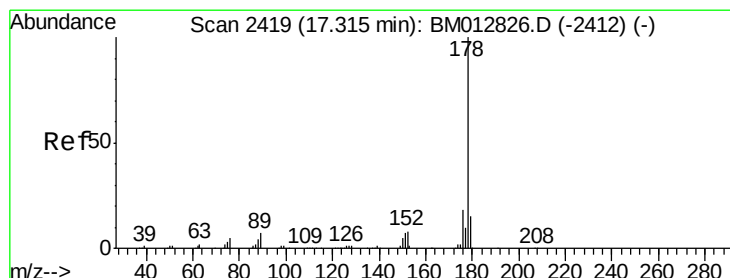
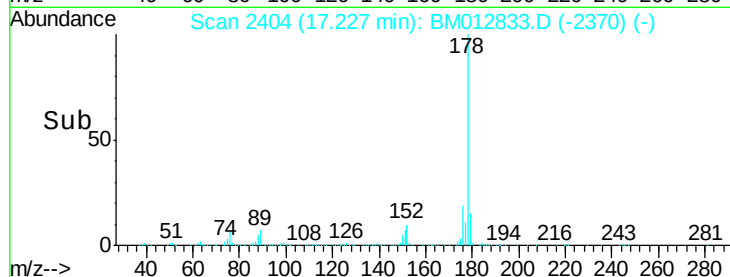
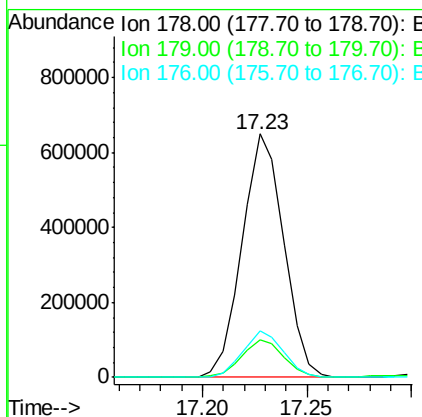
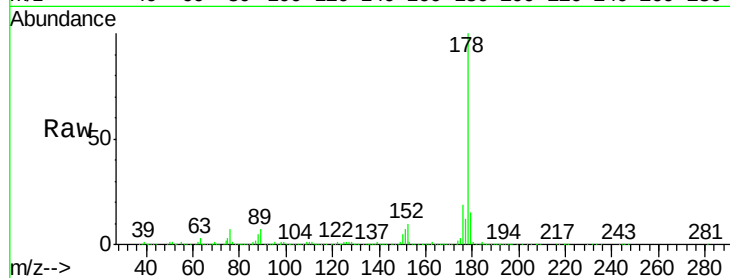
ClientSampleId :

B-31(1-2)-101817

Tgt Ion:	178	Resp:	896283
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.4
176	19.0	15.6	23.4

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#71

Anthracene

Concen: 4.382 ng/ul

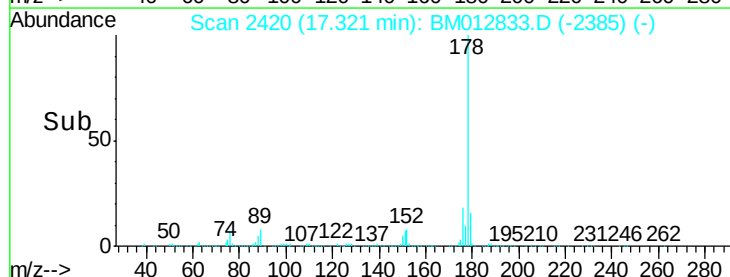
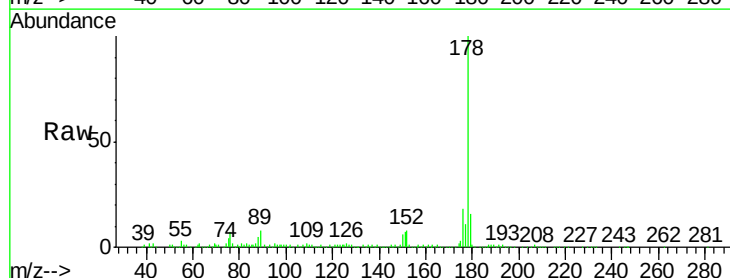
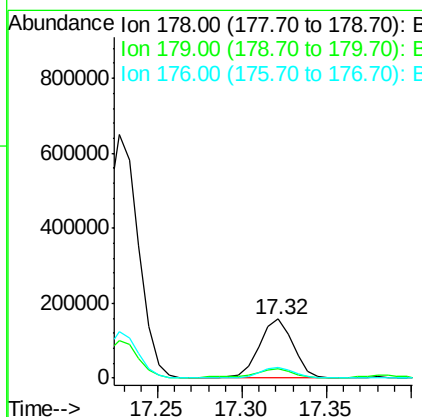
RT: 17.32 min Scan# 2420

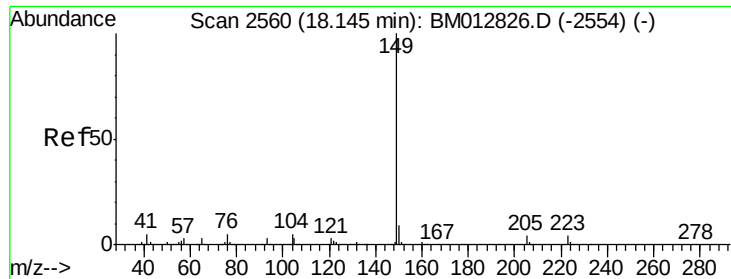
Delta R.T. 0.01 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Tgt Ion:	178	Resp:	214536
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.1	18.1
176	18.1	14.8	22.2





#75

Di-n-butylphthalate

Concen: 5.452 ng/ul

RT: 18.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Instrument :

BNA_M

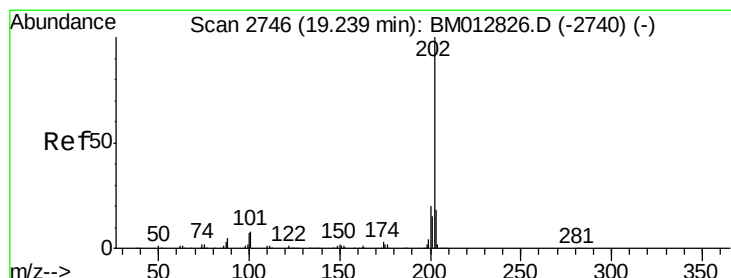
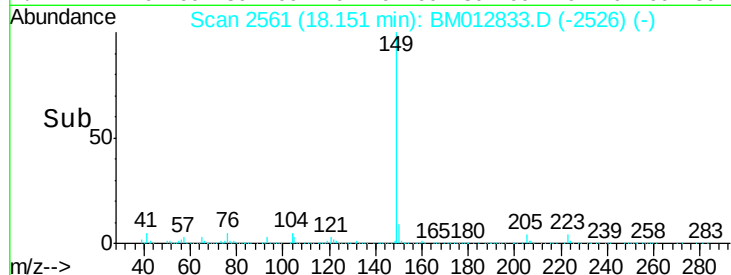
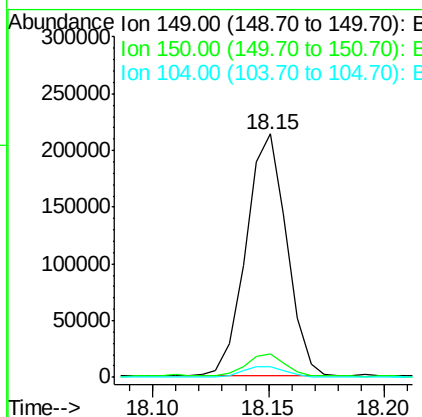
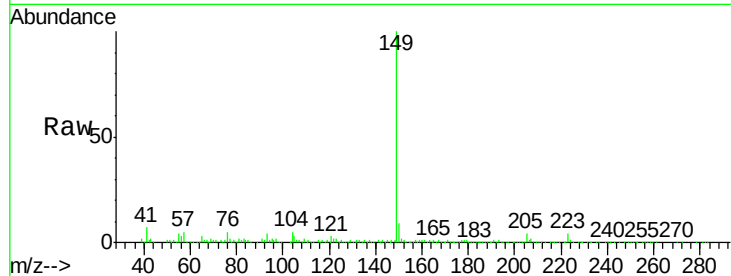
ClientSampleId :

B-31(1-2)-101817

Tgt Ion:	149	Resp:	260869
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.0
104	4.6	4.0	6.0

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#76

Fluoranthene

Concen: 22.667 ng/ul m

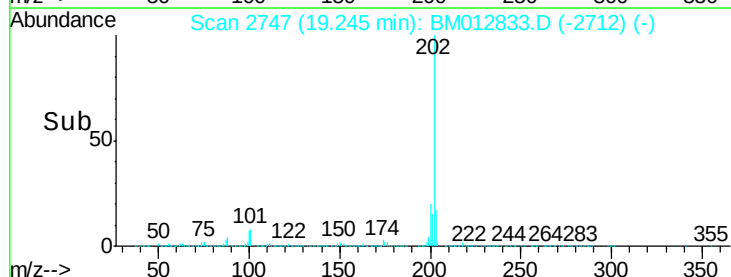
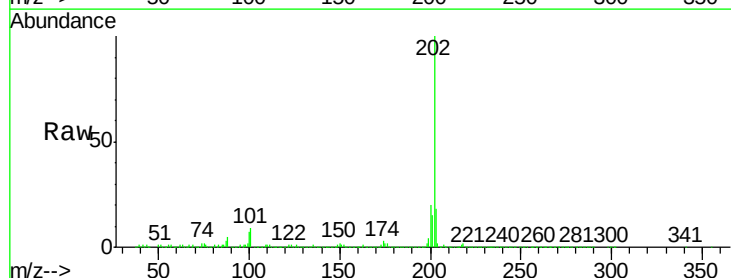
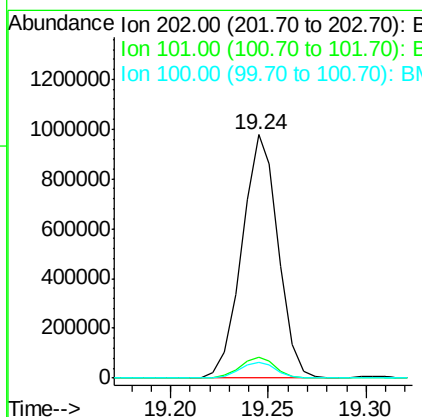
RT: 19.24 min Scan# 2747

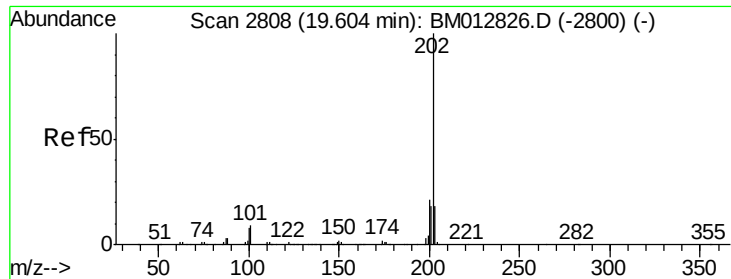
Delta R.T. 0.01 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Tgt Ion:	202	Resp:	1286235
Ion Ratio	Lower	Upper	
202	100		
101	8.6	8.8	13.2#
100	6.6	6.6	9.8#





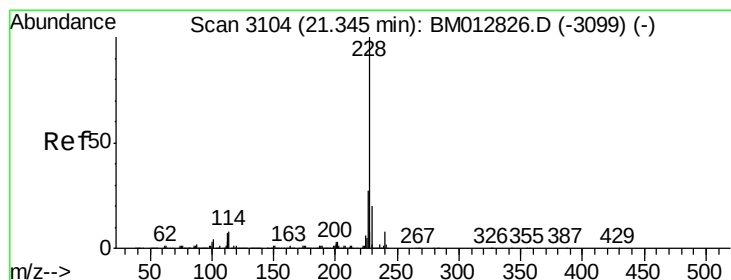
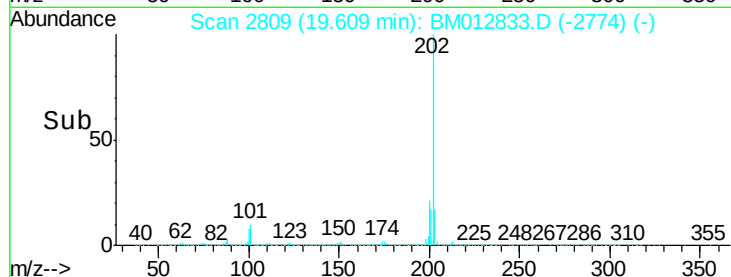
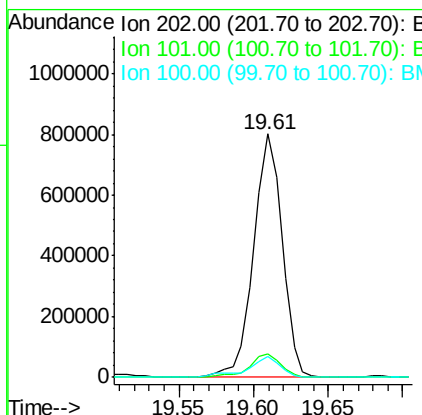
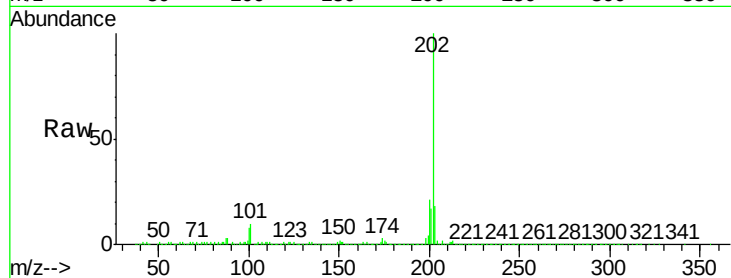
#79
 Pyrene
 Concen: 24.462 ng/ul
 RT: 19.61 min Scan# 2809
 Delta R.T. 0.01 min
 Lab File: BM012833.D
 Acq: 08 Nov 2017 22:19

Instrument :
 BNA_M
 ClientSampleId :
 B-31(1-2)-101817

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.2	15.2#
100	8.3	8.5	12.7#

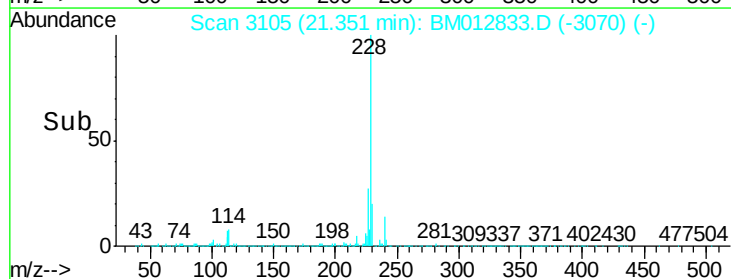
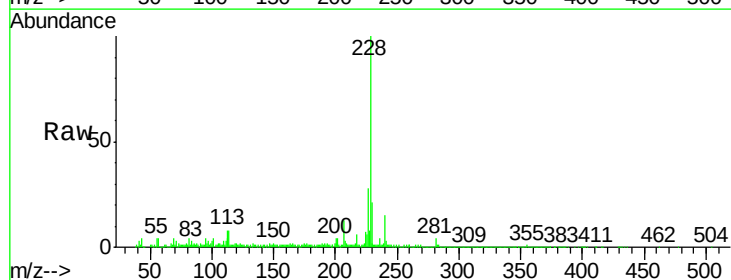
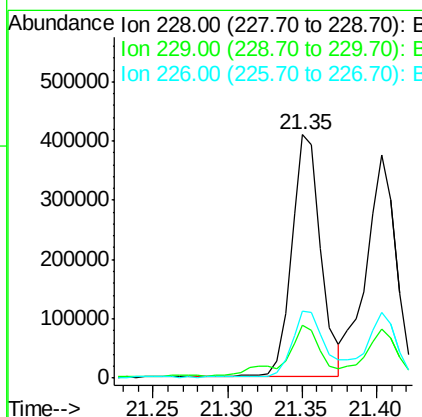
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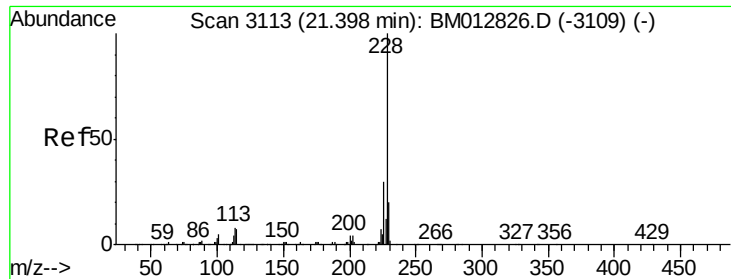
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#82
 Benzo(a)anthracene
 Concen: 12.793 ng/ul
 RT: 21.35 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: BM012833.D
 Acq: 08 Nov 2017 22:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	27.5	21.8	32.6





#84

Chrysene

Concen: 13.010 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Instrument :

BNA_M

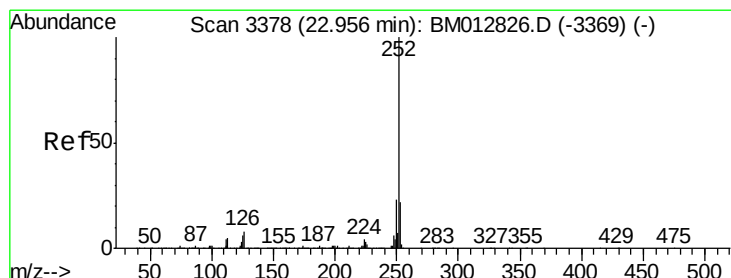
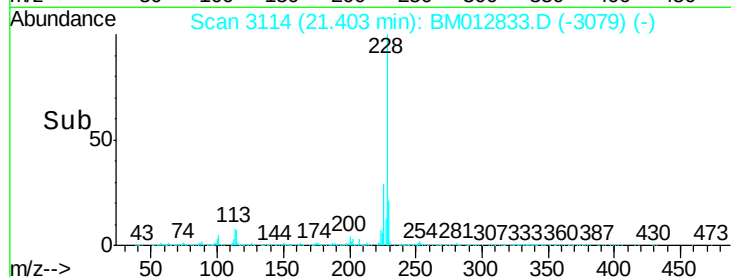
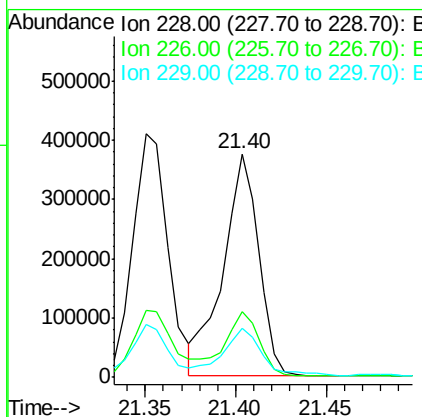
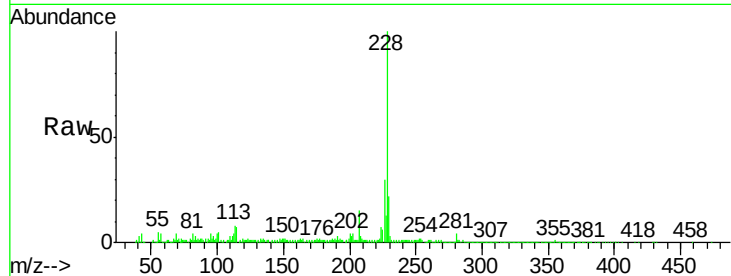
ClientSampleId :

B-31(1-2)-101817

Tgt Ion:	228	Resp:	515278
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.0	36.0
229	22.0	15.6	23.4

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#87

Benzo(b)fluoranthene

Concen: 15.895 ng/ul

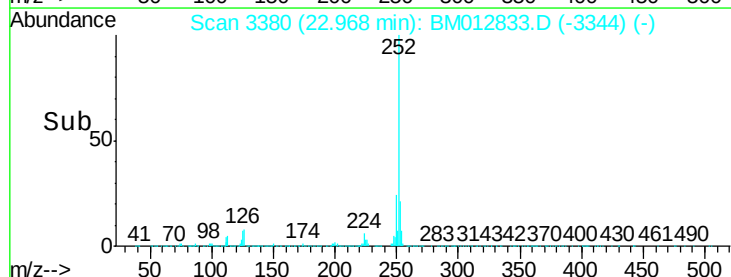
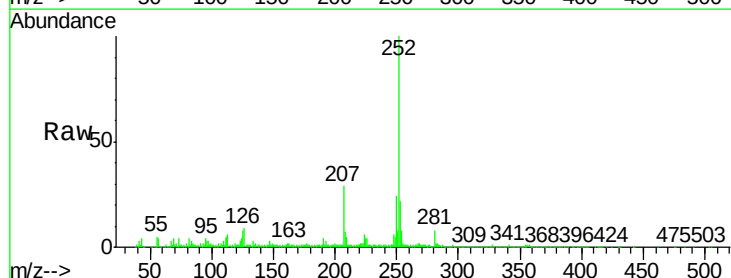
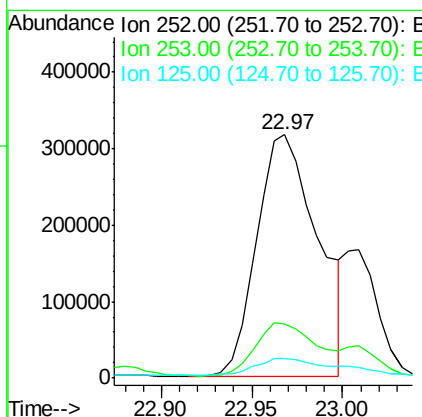
RT: 22.97 min Scan# 3380

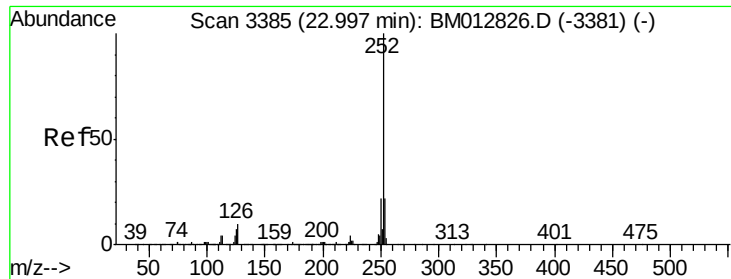
Delta R.T. 0.01 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Tgt Ion:	252	Resp:	741896
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	8.2	8.5	12.7#





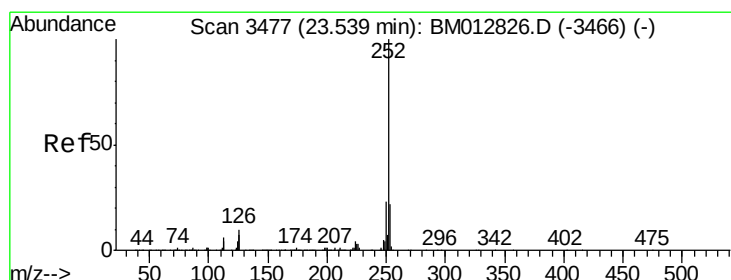
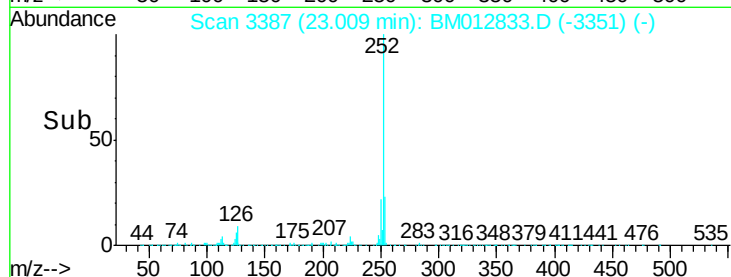
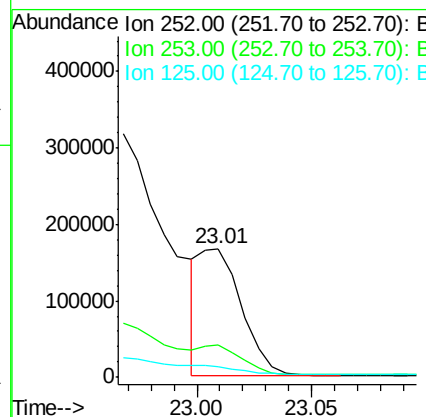
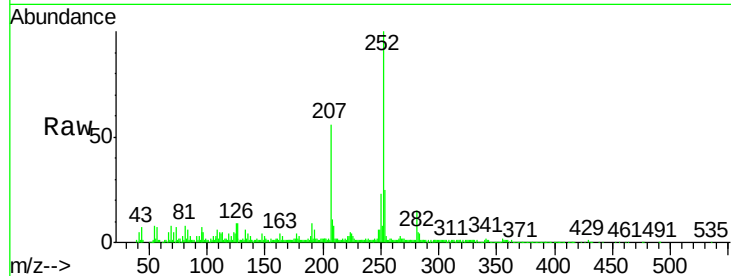
#88
Benzo(k)fluoranthene
Concen: 4.724 ng/ul m
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012833.D
Acq: 08 Nov 2017 22:19

Instrument :
BNA_M
ClientSampleId :
B-31(1-2)-101817

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	8.8	8.2	12.2

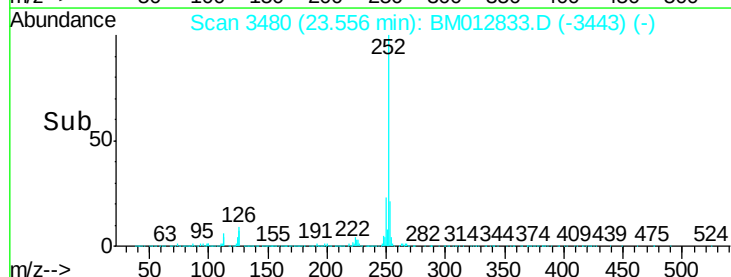
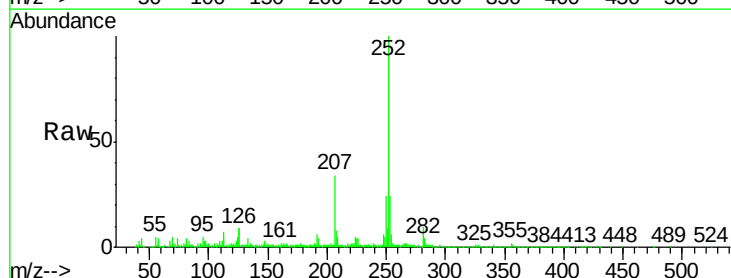
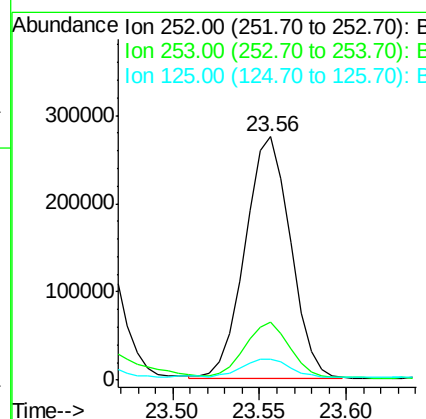
Manual Integrations
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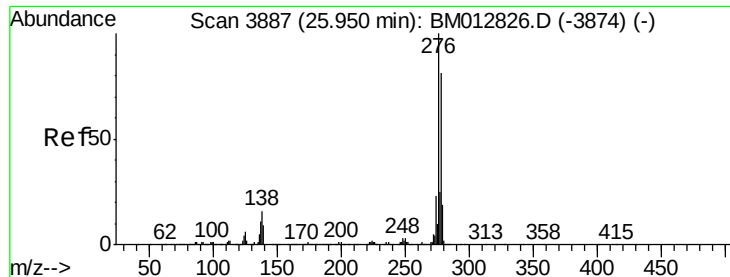
Sohil
11/9/2017 3:48:46 PM



#90
Benzo(a)pyrene
Concen: 11.136 ng/ul m
RT: 23.56 min Scan# 3480
Delta R.T. 0.02 min
Lab File: BM012833.D
Acq: 08 Nov 2017 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	8.7	9.0	13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 7.415 ng/ul

RT: 25.97 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Instrument :

BNA_M

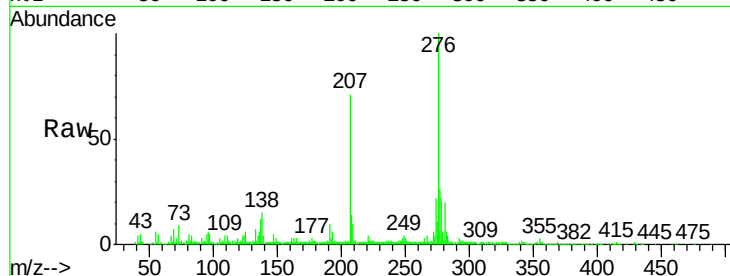
ClientSampleId :

B-31(1-2)-101817

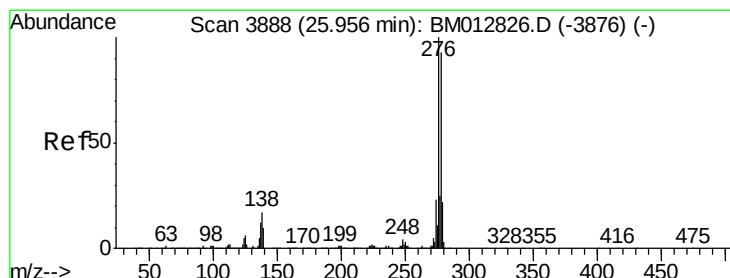
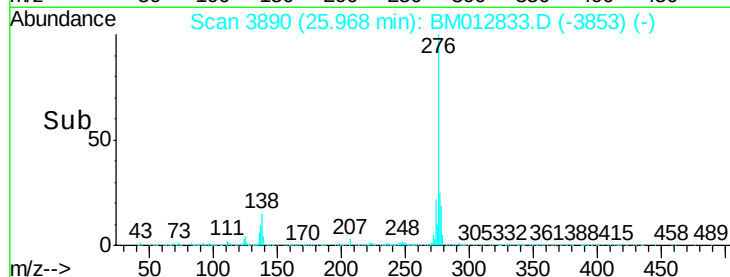
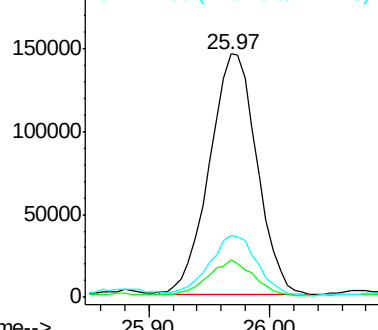
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	396896		
138	15.2	22.3	33.5#	
277	25.7	20.2	30.2	

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 2.332 ng/ul

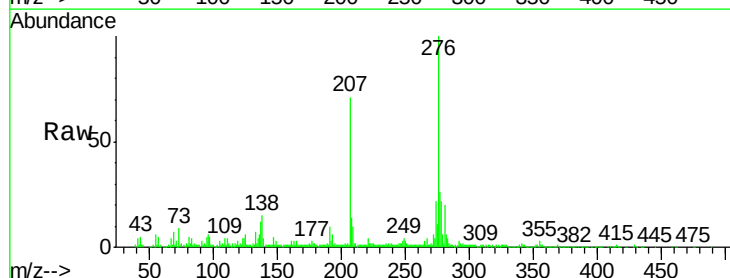
RT: 25.97 min Scan# 3890

Delta R.T. 0.01 min

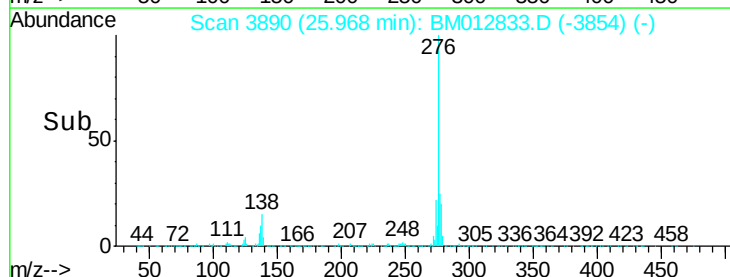
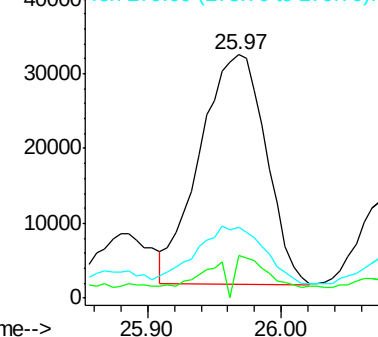
Lab File: BM012833.D

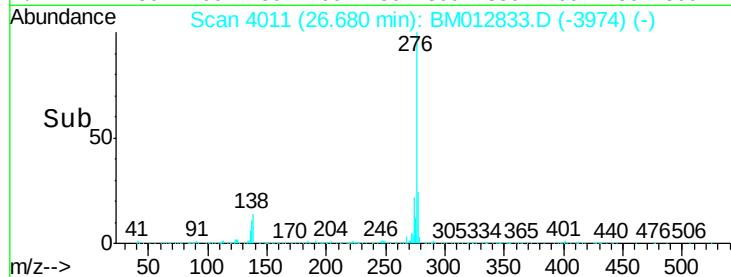
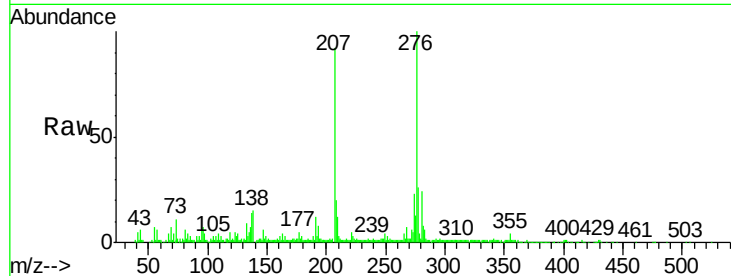
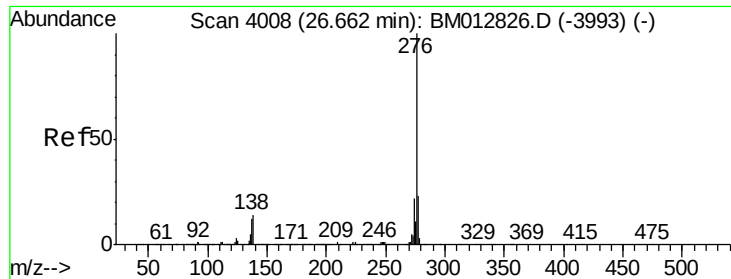
Acq: 08 Nov 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	105671		
139	17.8	13.9	20.9	
279	29.0	19.0	28.4#	



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 7.677 ng/ul

RT: 26.68 min Scan# 4011

Delta R.T. 0.02 min

Lab File: BM012833.D

Acq: 08 Nov 2017 22:19

Instrument :

BNA_M

ClientSampleId :

B-31(1-2)-101817

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		338592		
138	14.8	18.9	28.3#		
277	25.6	19.2	28.8		

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