

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012188.D
 Acq On : 15 Oct 2017 01:54
 Operator : SJ/JU
 Sample : I5522-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Manual Integrations
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 10/16/2017 7:48:20 PM

Quant Time: Oct 15 06:54:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 06:19:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	138476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	625175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	425225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1060945	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1100667	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	898123	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	10222	3.51	ng/uL	0.00
5) Phenol-d5	6.98	99	249295	22.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	142547	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	227507	23.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	210467	21.76	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	113365	23.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	141434	25.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	273784	25.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	160814	16.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	967248	25.74	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1179333	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	103681	18.35	ng/ul	0.00
57) Fluorene-d10	15.46	176	866829	28.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	112971	15.52	ng/ul	0.00
70) Anthracene-d10	17.31	188	1400181	26.69	ng/ul	0.00
76) Pyrene-d10	19.60	212	1670669	29.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1185826	27.39	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.92	163	377898	10.036	ng/ul	100
49) Acenaphthene	14.53	153	44036	1.463	ng/ul	98
58) Fluorene	15.51	166	53884	1.497	ng/ul	97
69) Phenanthrene	17.25	178	1192246	19.754	ng/ul	99
71) Anthracene	17.34	178	257375	4.119	ng/ul	98
72) Carbazole	17.62	167	98273	1.858	ng/ul	95
74) Fluoranthene	19.27	202	3287057	45.130	ng/ul#	96
77) Pyrene	19.63	202	2880613	39.629	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	1662050	23.207	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	114331	2.355	ng/ul	98
82) Chrysene	21.43	228	1491903	22.187	ng/ul	97
85) Benzo(b)fluoranthene	23.01	252	1851641	31.593	ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	645027m	11.420	ng/ul	
88) Benzo(a)pyrene	23.60	252	1267152	22.939	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.06	276	798172	13.606	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.06	278	206821	4.194	ng/ul#	81
91) Benzo(g,h,i)perylene	26.80	276	635084	13.218	ng/ul#	93

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

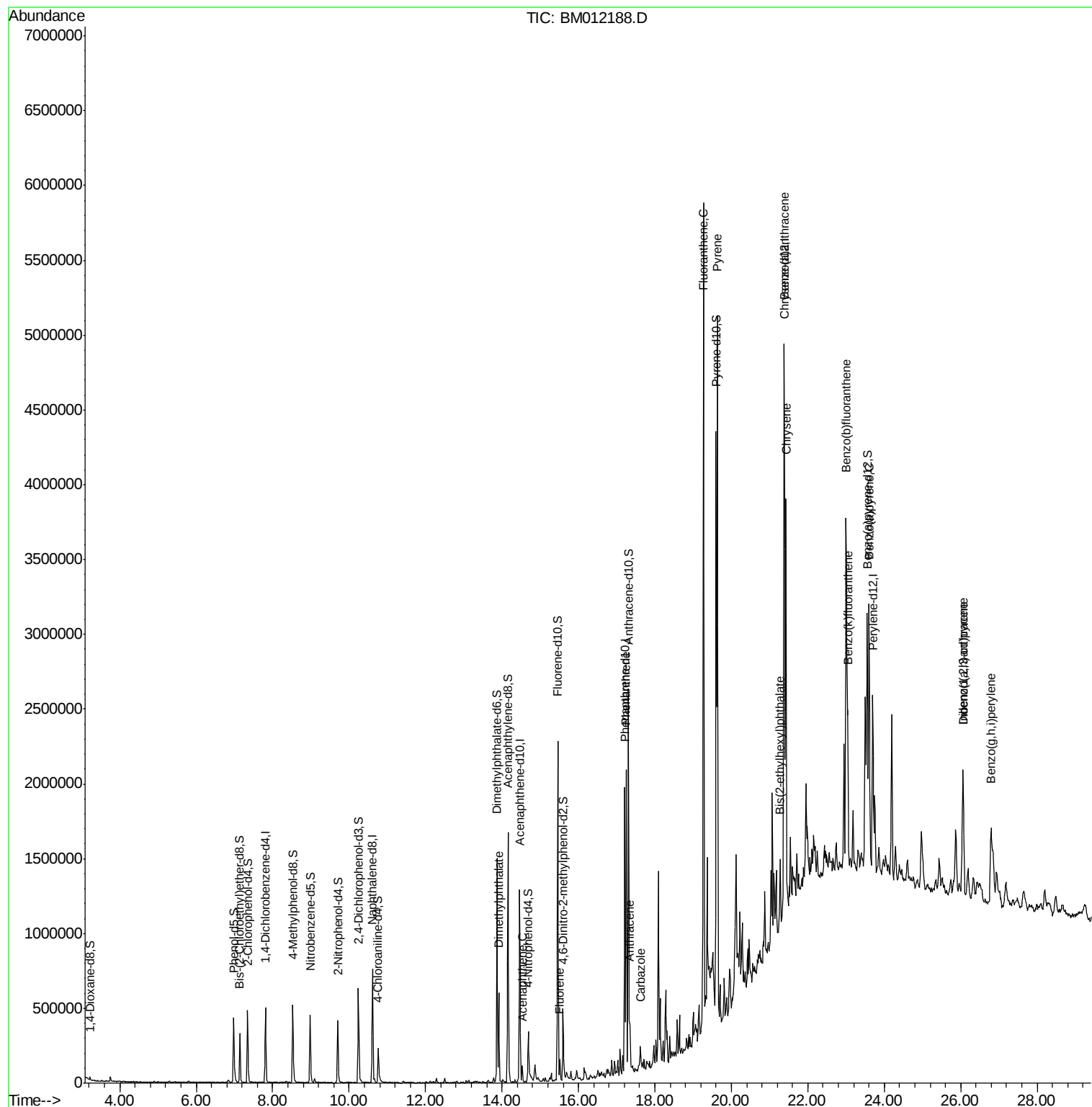
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012188.D
Acq On : 15 Oct 2017 01:54
Operator : SJ/JU
Sample : I5522-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

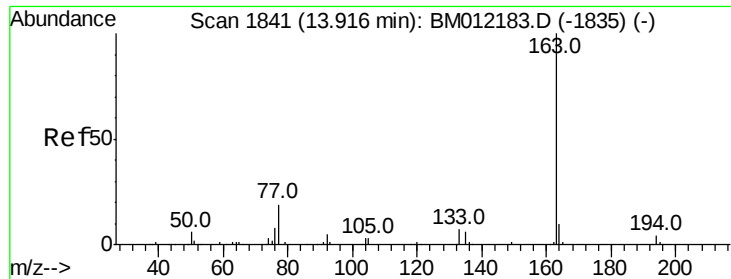
Instrument :
BNA_M
ClientSampled :
C0AC5

Manual Integrations
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Quant Time: Oct 15 06:54:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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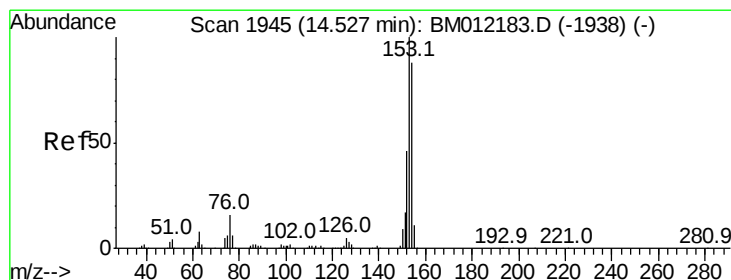
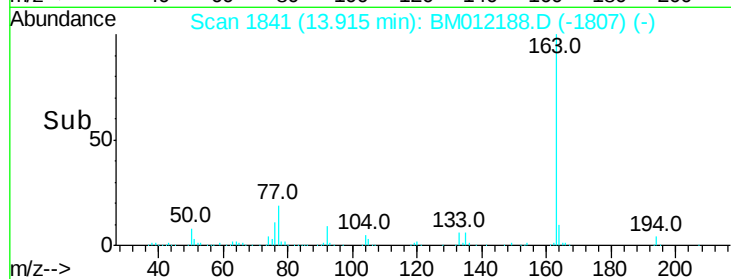
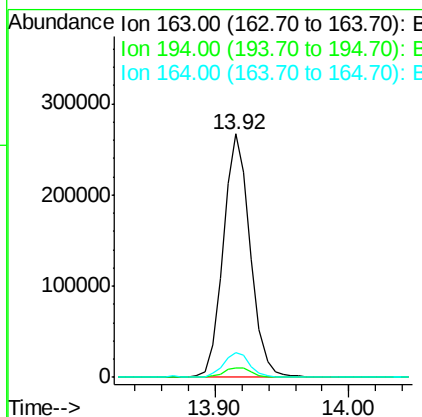
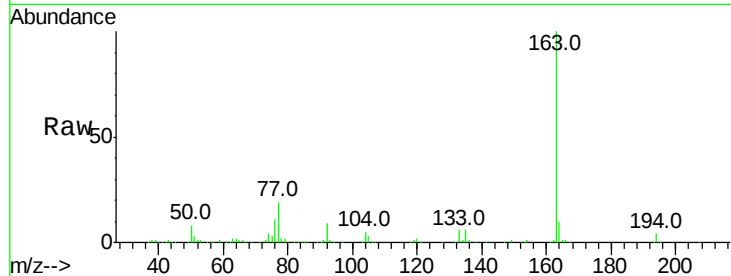
#44
Dimethylphthalate
Concen: 10.036 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	377898		
194	4.1		3.5	5.3
164	10.4		8.2	12.4

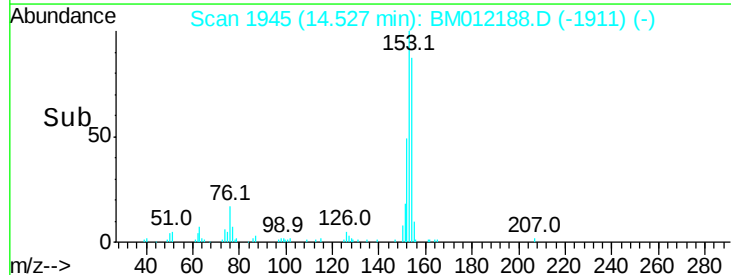
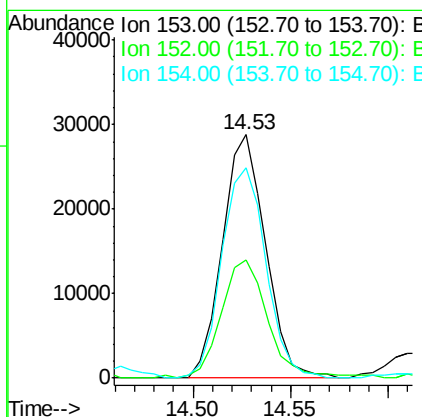
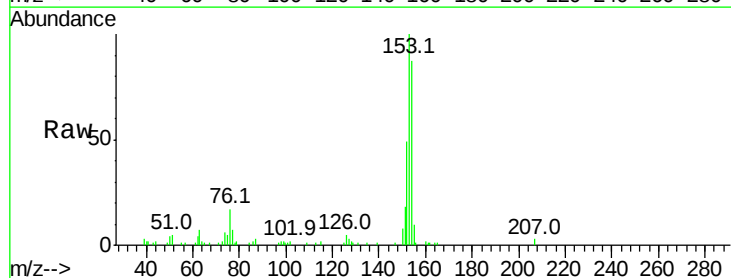
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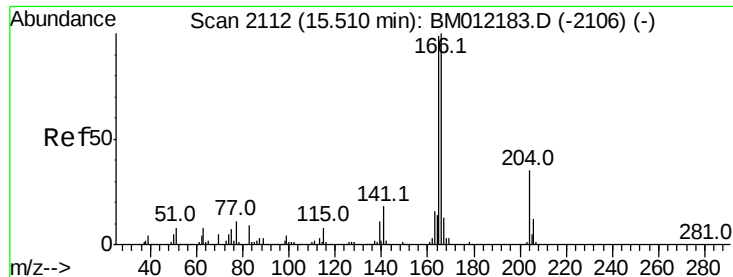
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#49
Acenaphthene
Concen: 1.463 ng/ul
RT: 14.53 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	44036		
152	48.7		37.6	56.4
154	86.5		70.4	105.6





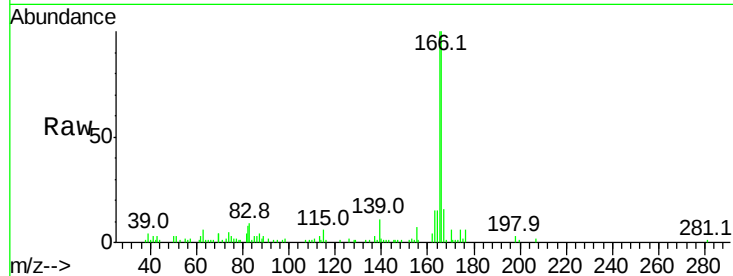
#58
 Fluorene
 Concen: 1.497 ng/ul
 RT: 15.51 min Scan# 2112
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 Lab File: BM012188.D
 Acq: 15 Oct 2017 01:54

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	77.9	116.9
167	15.8	10.6	16.0

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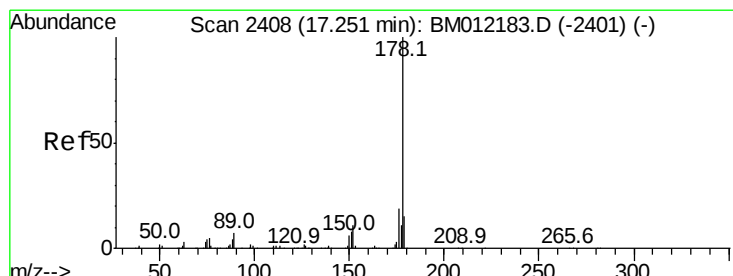
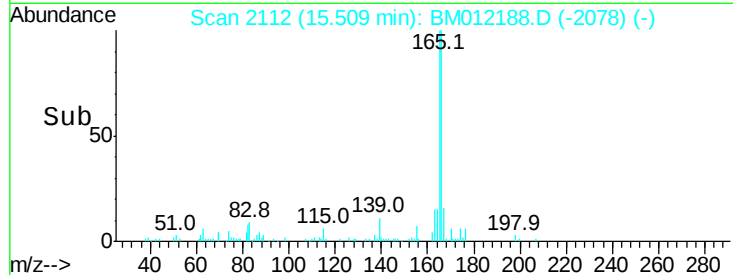
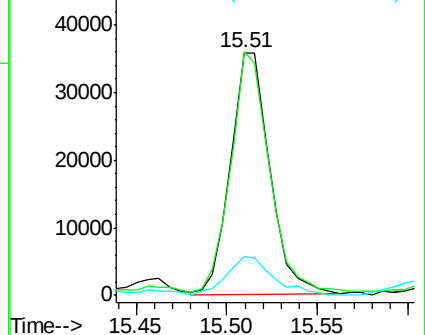


Abundance

Ion 166.00 (165.70 to 166.70): E

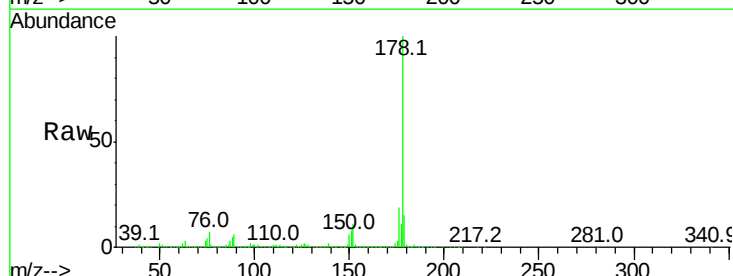
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69
 Phenanthrene
 Concen: 19.754 ng/ul
 RT: 17.25 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BM012188.D
 Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	14.9	22.3

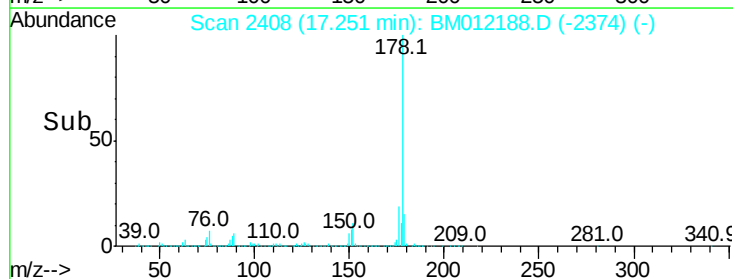
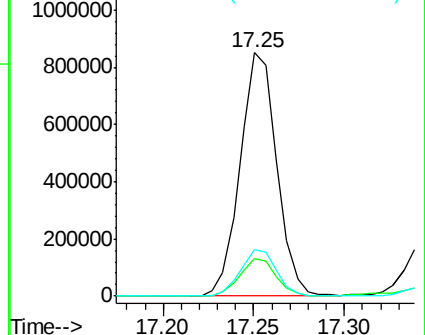


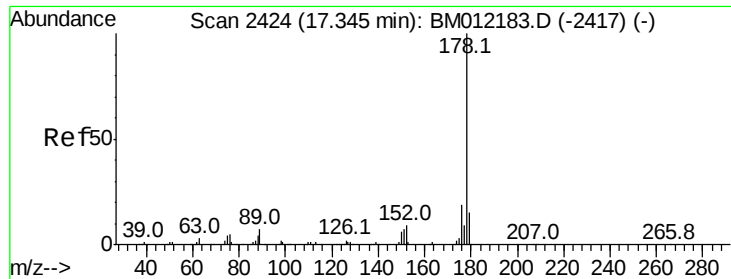
Abundance

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





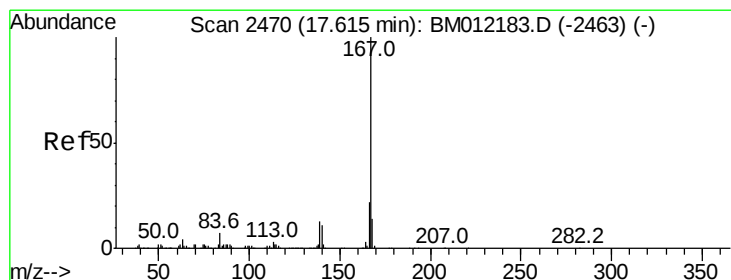
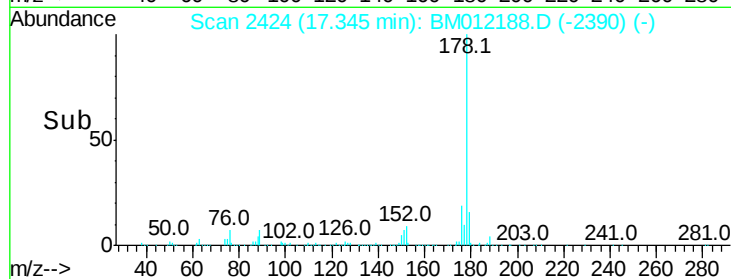
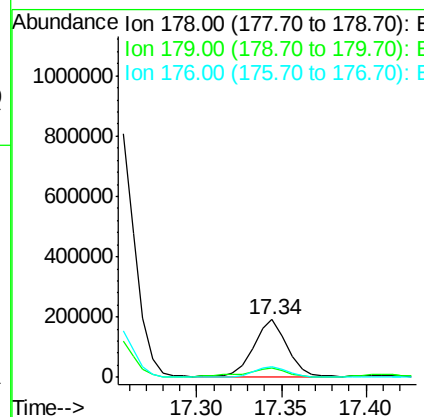
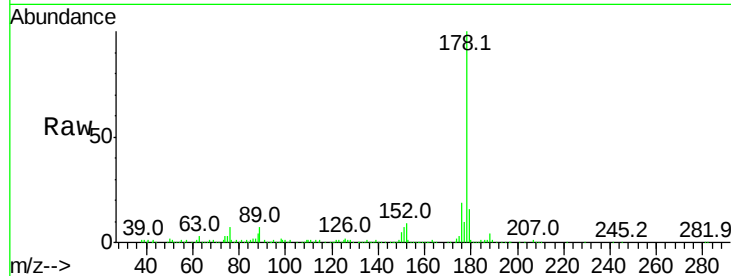
#71
 Anthracene
 Concen: 4.119 ng/ul
 RT: 17.34 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BM012188.D
 Acq: 15 Oct 2017 01:54

Instrument :
 BNA_M
 ClientSampled :
 C0AC5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.9	14.6	21.8

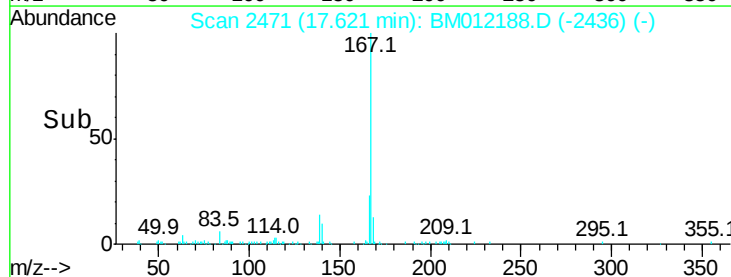
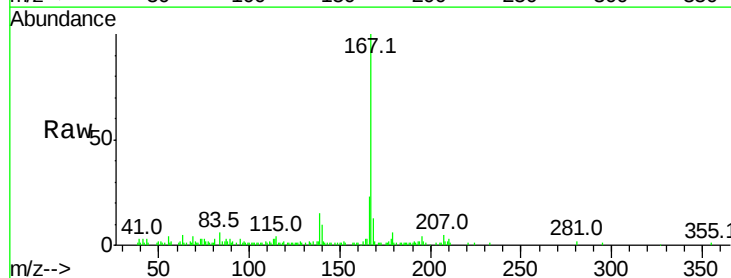
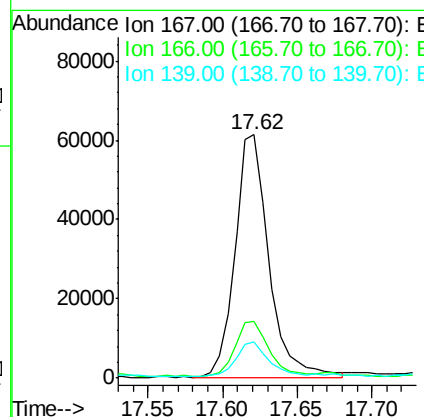
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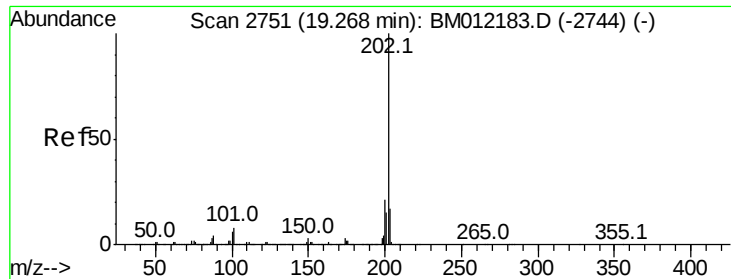
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#72
 Carbazole
 Concen: 1.858 ng/ul
 RT: 17.62 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BM012188.D
 Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.1	25.7
139	14.7	10.0	15.0





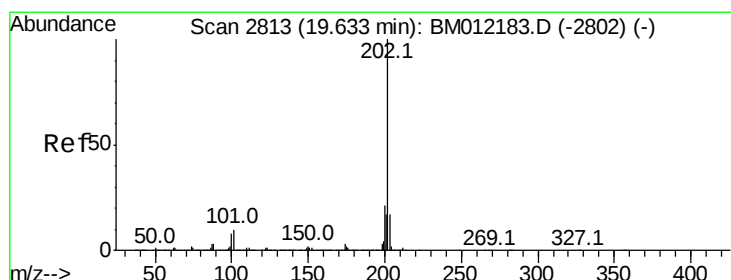
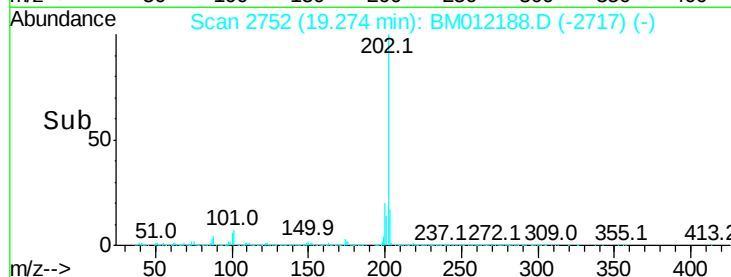
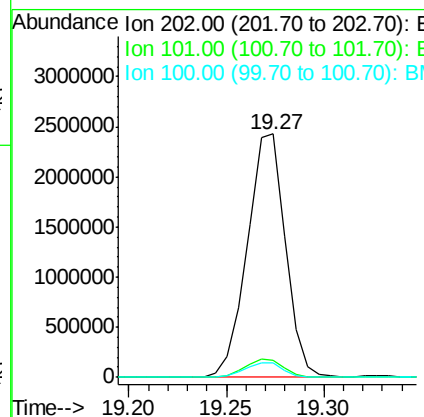
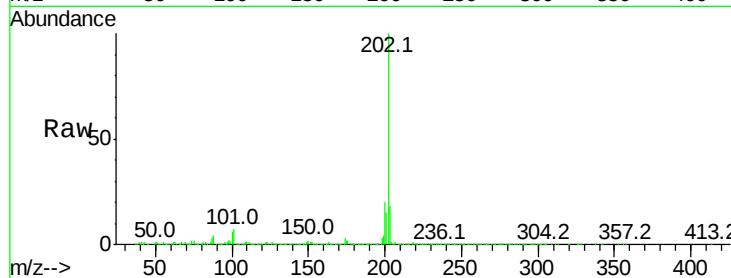
#74
 Fluoranthene
 Concen: 45.130 ng/ul
 RT: 19.27 min Scan# 2752
 Delta R.T. 0.01 min
 Lab File: BM012188.D
 Acq: 15 Oct 2017 01:54

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0#
100	5.7	3.4	5.2#

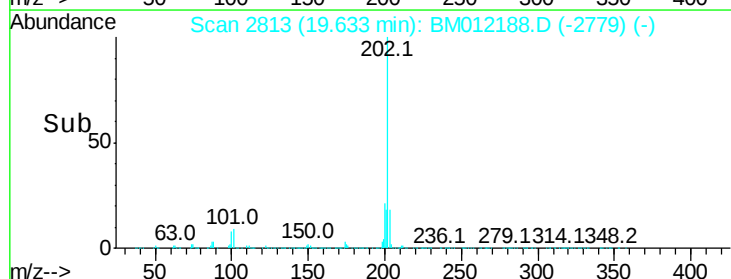
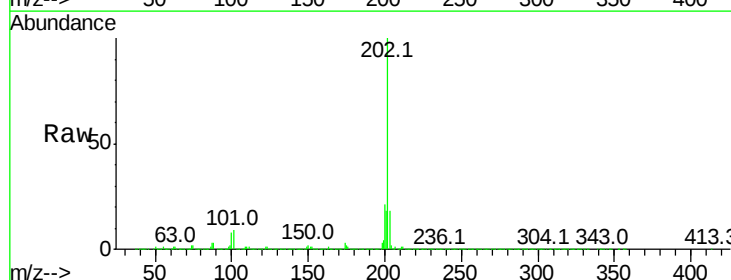
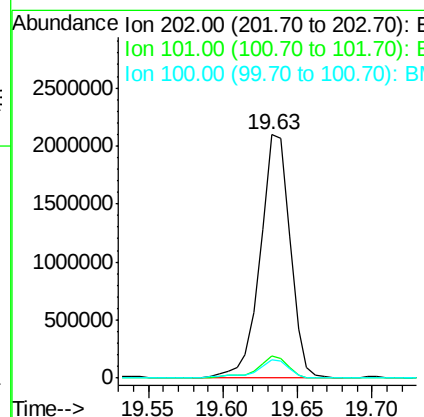
Manual Integrations
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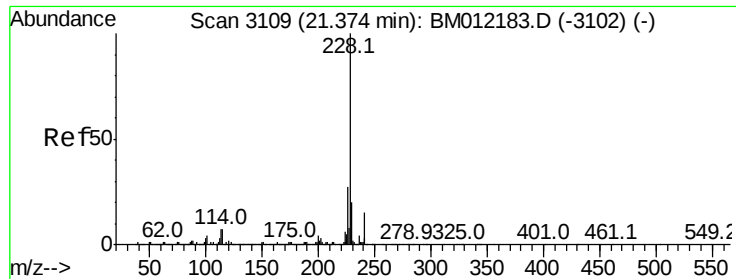
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#77
 Pyrene
 Concen: 39.629 ng/ul
 RT: 19.63 min Scan# 2813
 Delta R.T. -0.00 min
 Lab File: BM012188.D
 Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#





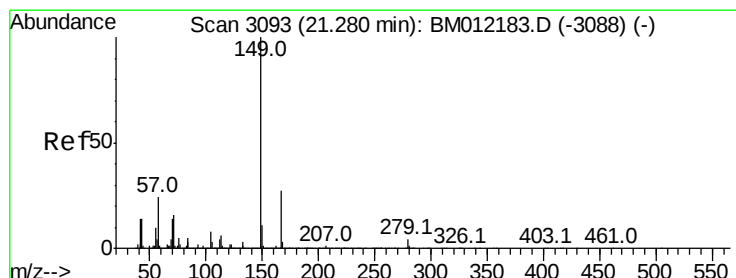
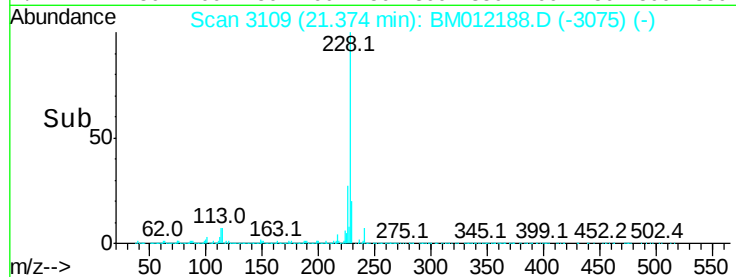
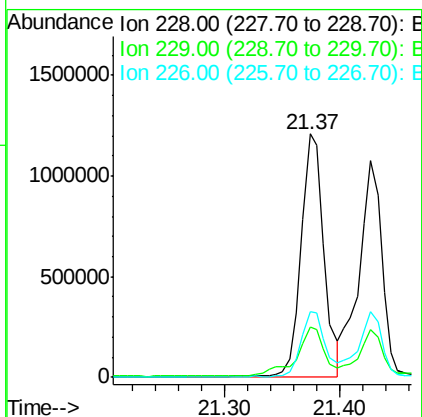
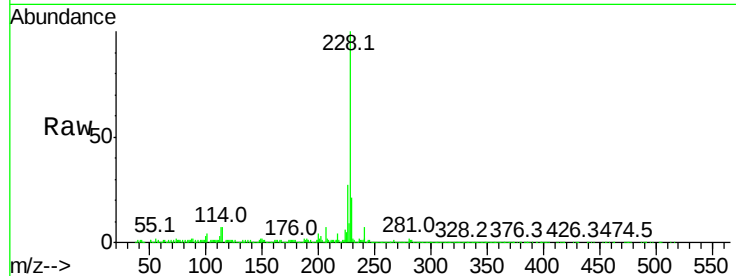
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Benzo(a)anthracene
Concen: 23.207 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.2	21.4	32.0

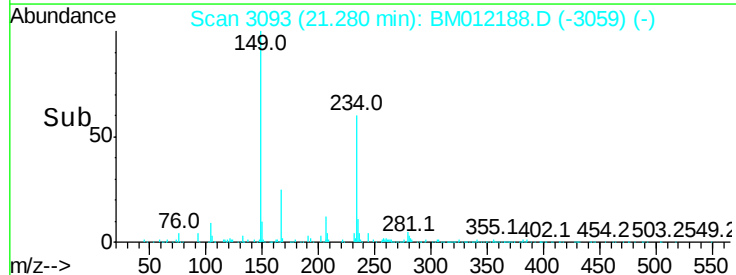
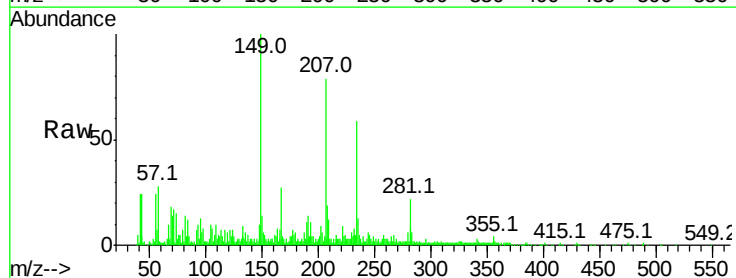
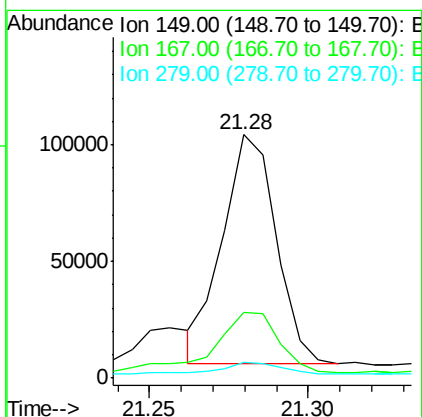
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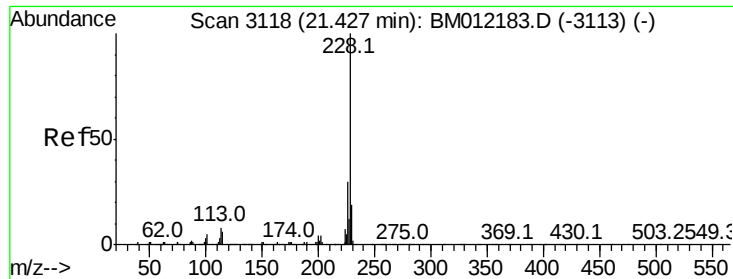
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.355 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.8	34.2
279	6.2	4.9	7.3





#82

Chrysene

Concen: 22.187 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BM012188.D

Acq: 15 Oct 2017 01:54

Instrument :

BNA_M

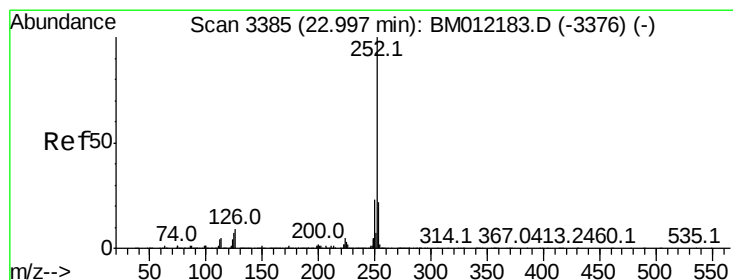
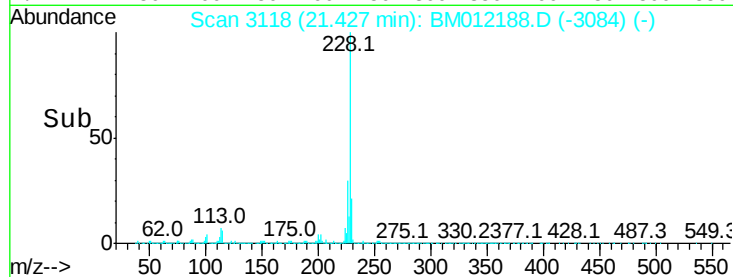
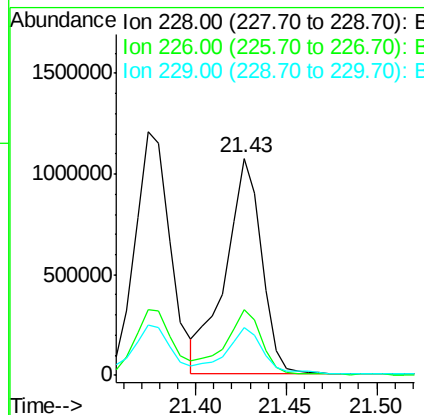
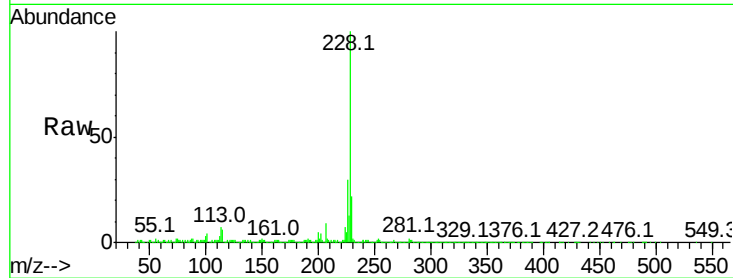
ClientSampleId :

C0AC5

Tot Ion:	228	Resp:	1491903
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	21.9	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 31.593 ng/ul

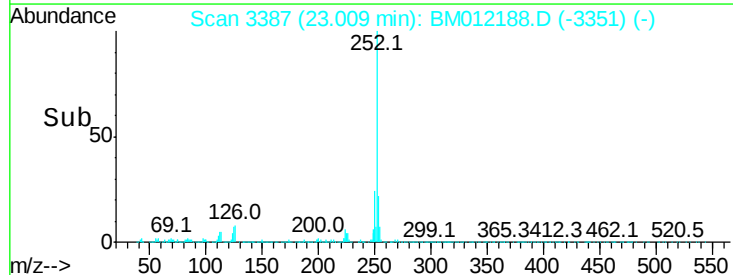
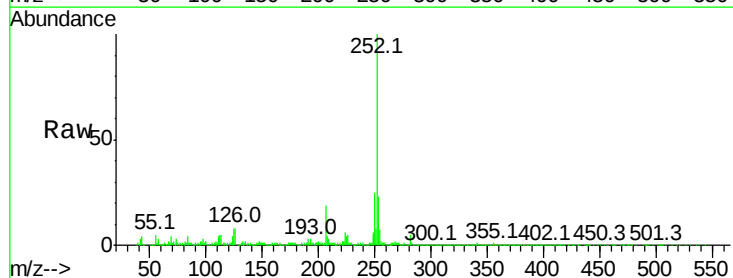
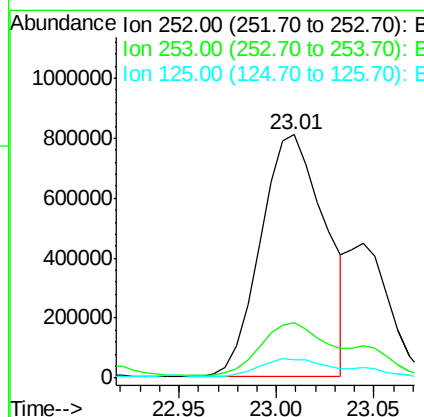
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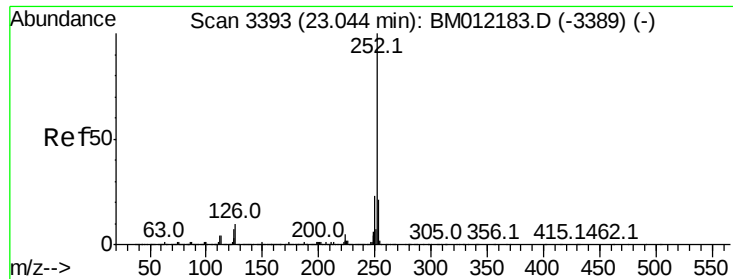
Delta R.T. 0.01 min

Lab File: BM012188.D

Acq: 15 Oct 2017 01:54

Tgt Ion:	252	Resp:	1851641
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.9	26.9
125	7.8	3.6	5.4#





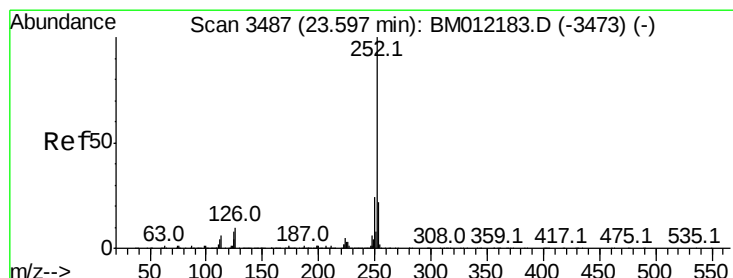
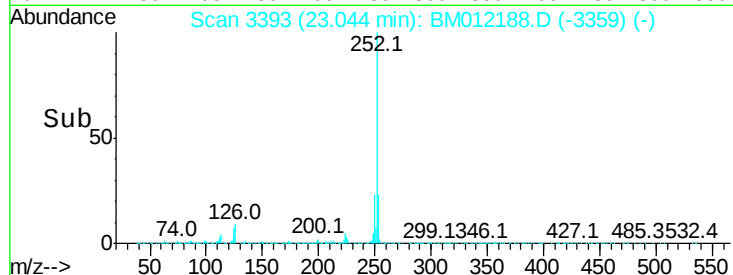
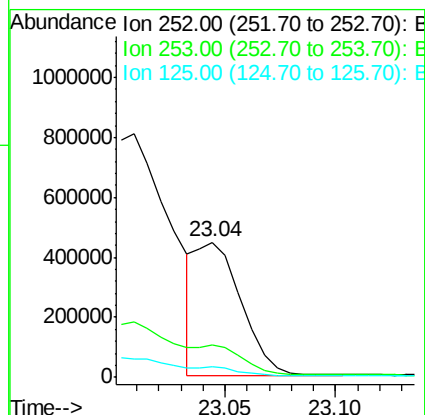
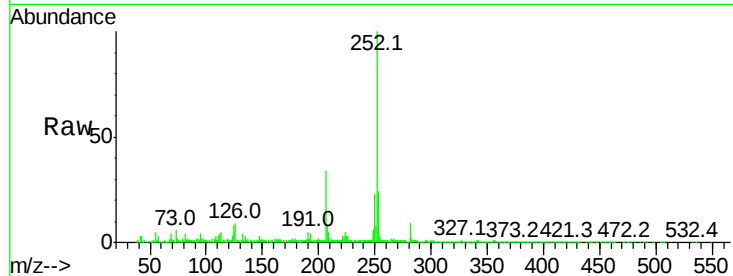
#86
Benzo(k)fluoranthene
Concen: 11.420 ng/ul m
RT: 23.04 min Scan# 3393
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampled :
C0AC5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	7.6	3.4	5.2#

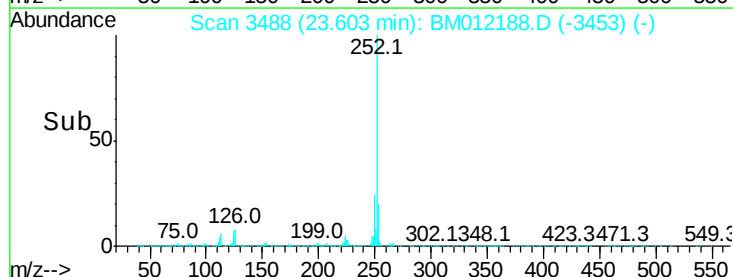
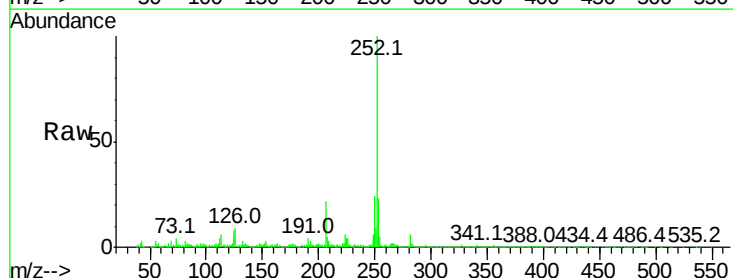
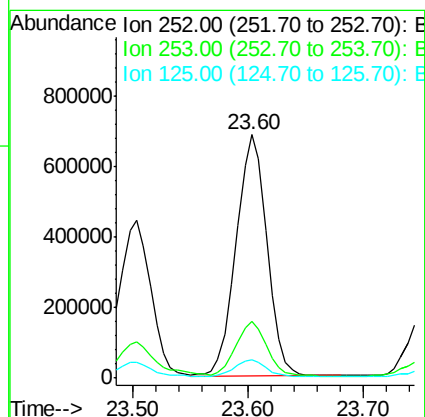
Manual Integrations
APPROVED

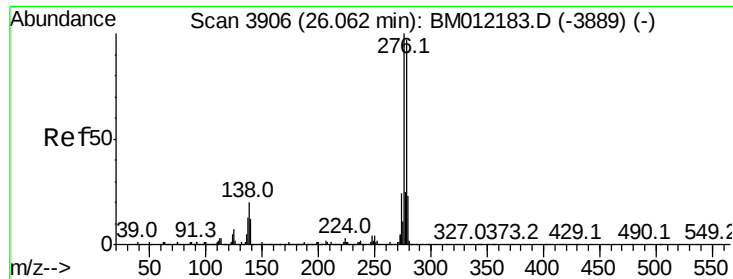
Sohil
10/16/2017 7:48:20 PM



#88
Benzo(a)pyrene
Concen: 22.939 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	7.6	4.0	6.0#





#89

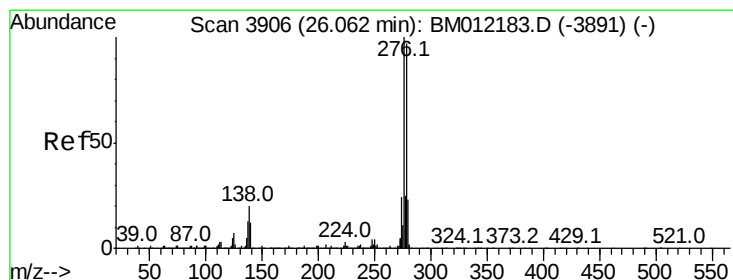
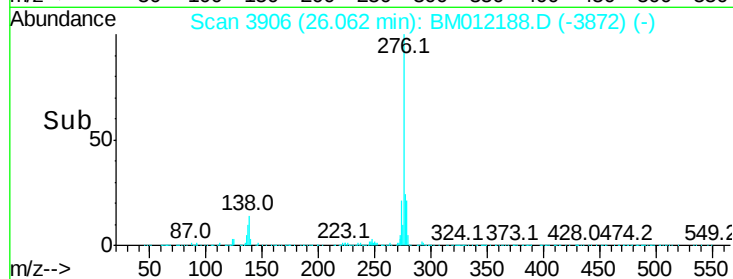
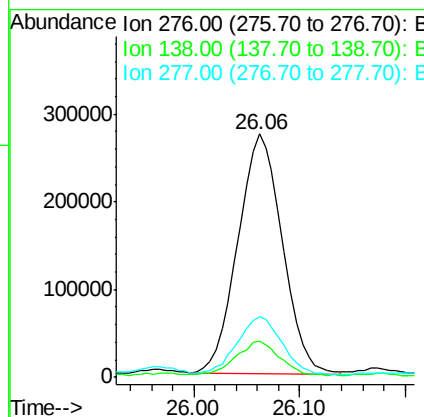
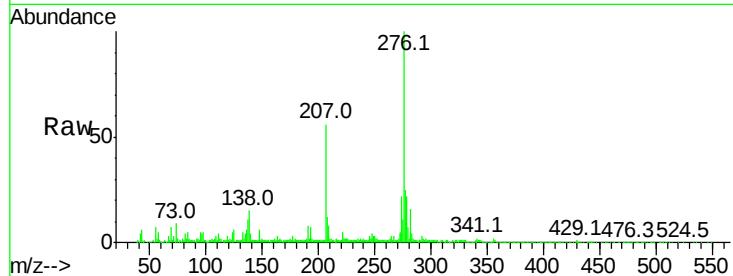
Indeno(1,2,3-cd)pyrene
Concen: 13.606 ng/uL
RT: 26.06 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Instrument :
BNA_M
ClientSampleId :
C0AC5

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	14.8	9.3	13.9#
277	24.8	19.9	29.9

Manual Integrations
APPROVED

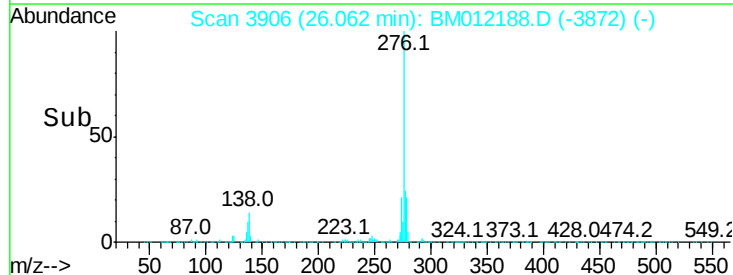
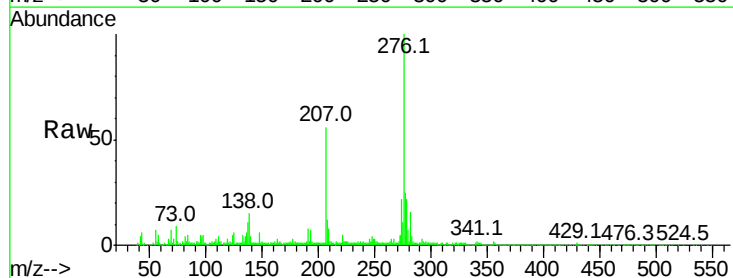
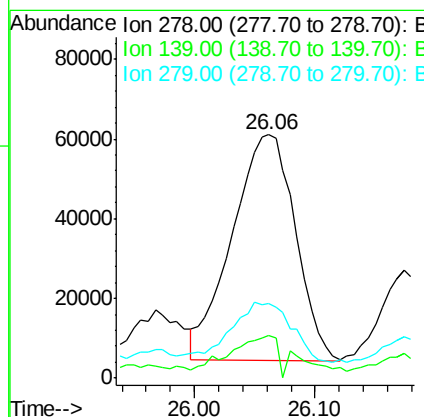
Sohil
10/16/2017 7:48:20 PM

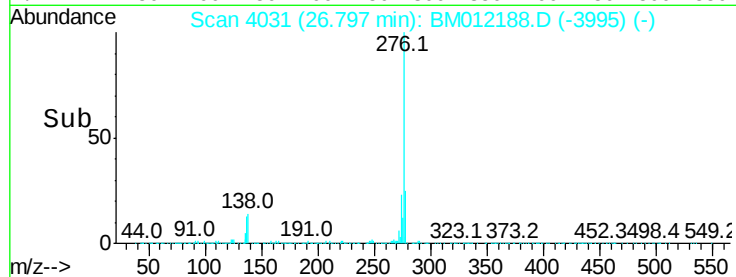
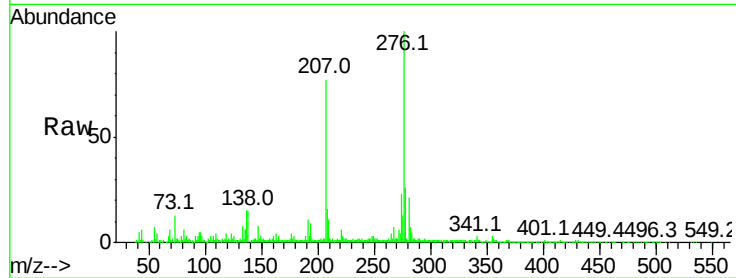
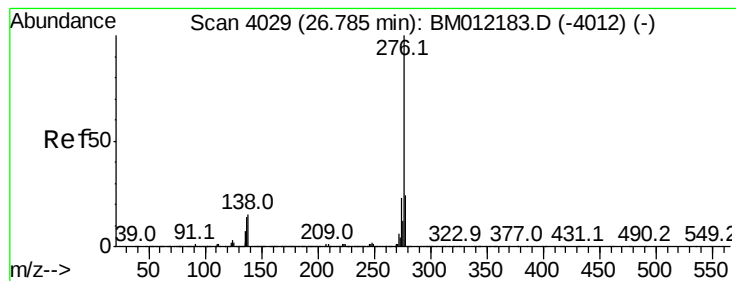


#90

Dibenzo(a,h)anthracene
Concen: 4.194 ng/uL
RT: 26.06 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM012188.D
Acq: 15 Oct 2017 01:54

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	17.5	5.8	8.8#
279	30.6	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 13.218 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. 0.01 min

Lab File: BM012188.D

Acq: 15 Oct 2017 01:54

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.5	12.7#
277	26.0	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

C0AC5

Manual Integrations
APPROVED

Sohil
10/16/2017 7:48:20 PM

