

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011694.D
 Acq On : 22 Sep 2017 16:09
 Operator : SJ/JU
 Sample : I5283-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3B1

Manual Integrations
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Sohil
 9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:19:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	353197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	1594266	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	870587	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1806860	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1250908	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1195251	20.00	ng/ul	0.00

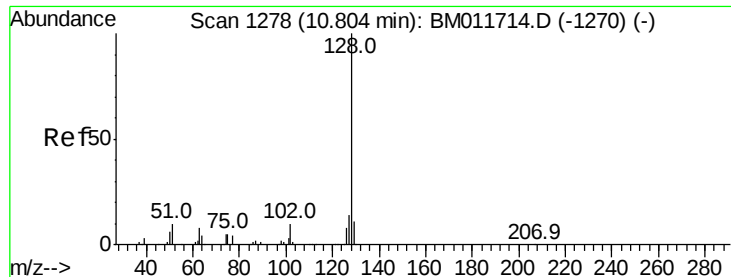
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	3132	0.40	ng/uL	0.00
5) Phenol-d5	7.11	99	48528	1.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	78720	3.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	49932	1.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	40354	1.52	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	42467m	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	9562	0.76	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.39	165	30352m	1.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	1098	0.04	ng/ul	-0.03
44) Dimethylphthalate-d6	13.99	166	123469	1.68	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	323085	3.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	227	0.02	ng/ul	-0.18
58) Fluorene-d10	15.58	176	247727	3.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	383976	4.32	ng/ul	0.00
79) Pyrene-d10	19.72	212	399612	6.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	229150	4.02	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.82	128	93670	1.133	ng/ul	98
45) Dimethylphthalate	14.04	163	187573	2.662	ng/ul	99
70) Phenanthrene	17.37	178	1104459	10.966	ng/ul	99
72) Anthracene	17.46	178	240630	2.328	ng/ul	99
77) Fluoranthene	19.39	202	1613185	15.573	ng/ul#	92
80) Pyrene	19.74	202	1332754	18.261	ng/ul#	89
83) Benzo(a)anthracene	21.49	228	567508	8.240	ng/ul	98
85) Chrysene	21.54	228	533431	8.543	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	616248	8.570	ng/ul#	93
89) Benzo(k)fluoranthene	23.19	252	232753m	3.370	ng/ul	
91) Benzo(a)pyrene	23.76	252	421517	6.211	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	26.30	276	284382	3.809	ng/ul#	93
93) Dibenzo(a,h)anthracene	26.30	278	77656	1.227	ng/ul#	86
94) Benzo(g,h,i)perylene	27.05	276	274052	4.533	ng/ul#	91

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



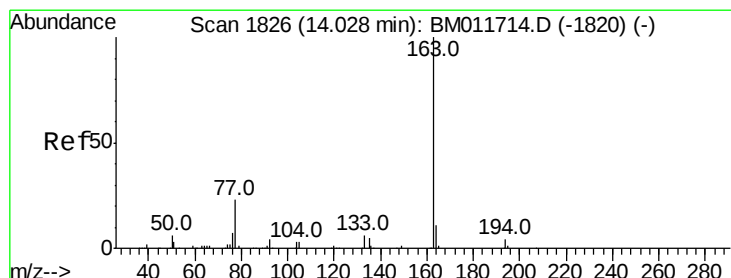
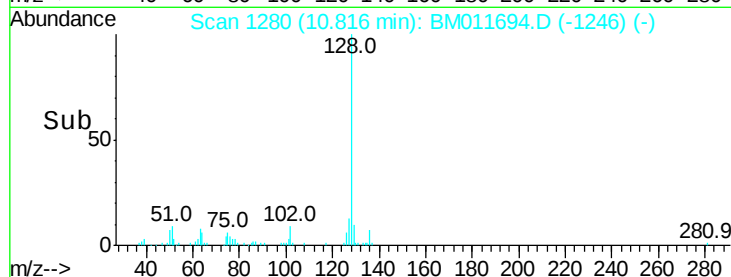
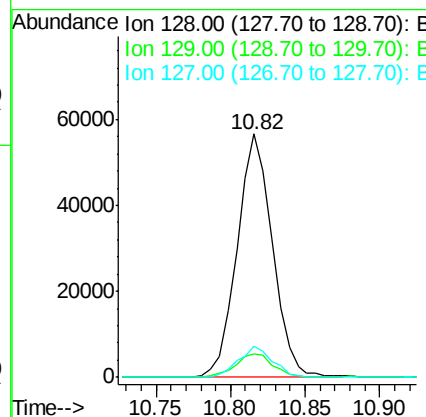
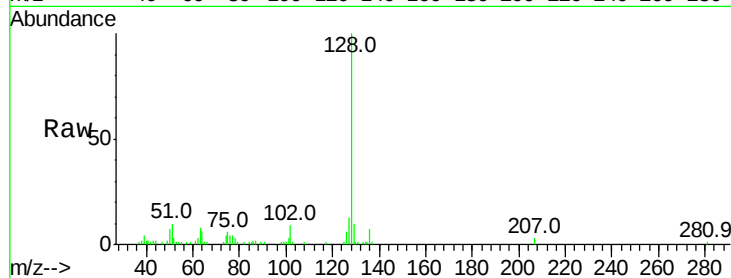
#28
Naphthalene
Concen: 1.133 ng/ul
RT: 10.82 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
CB3B1

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.3	12.5
127	12.8	10.8	16.2

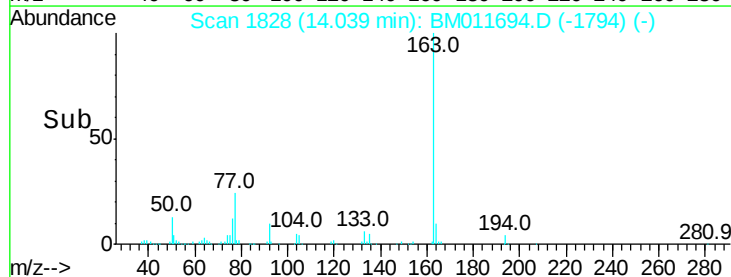
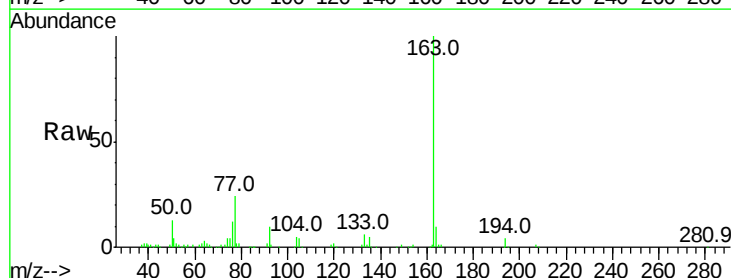
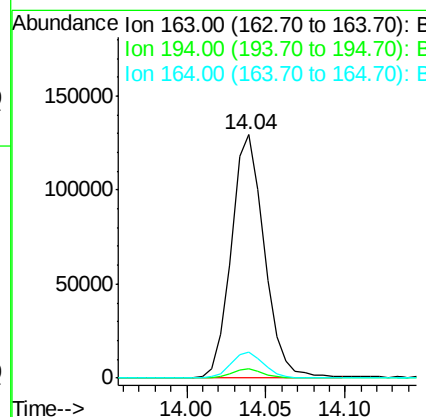
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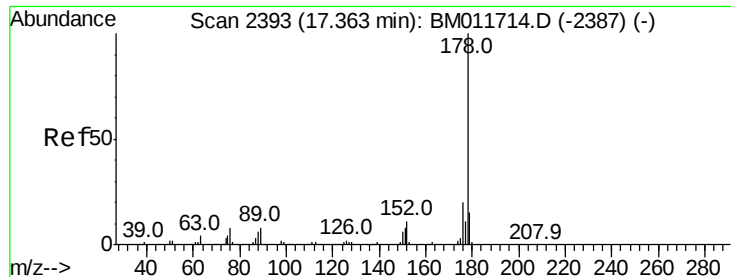
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#45
Dimethylphthalate
Concen: 2.662 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.0	6.0
164	10.4	8.4	12.6





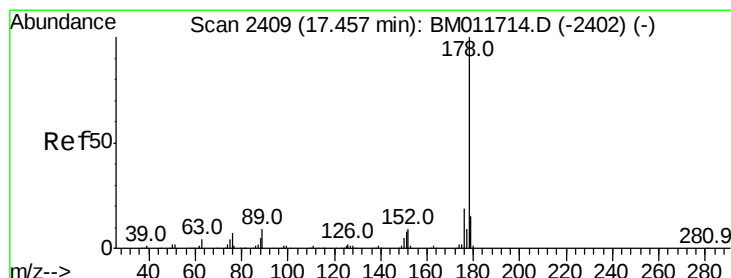
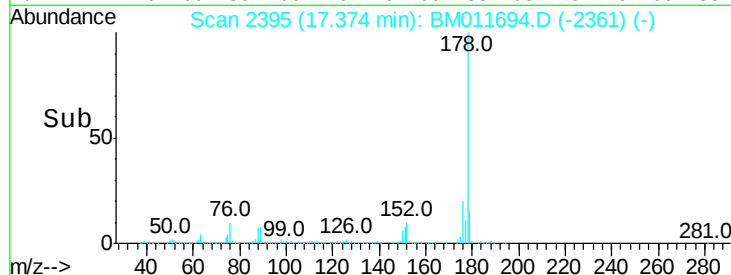
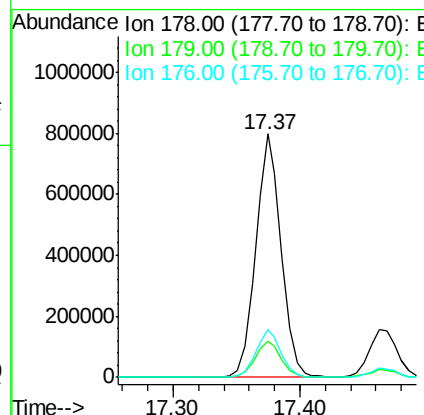
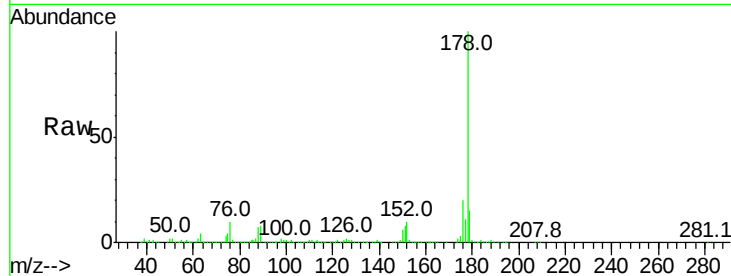
#70
Phenanthrene
Concen: 10.966 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
CB3B1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.8	15.4	23.0

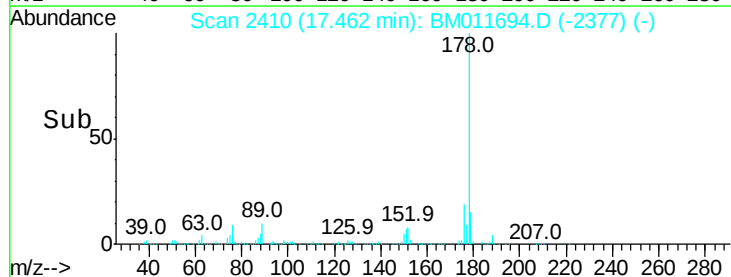
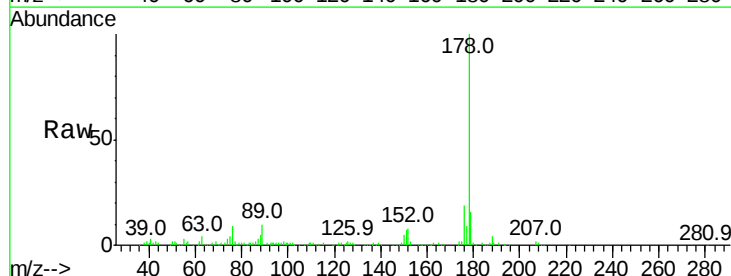
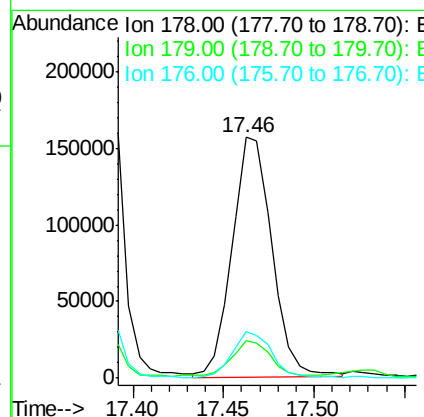
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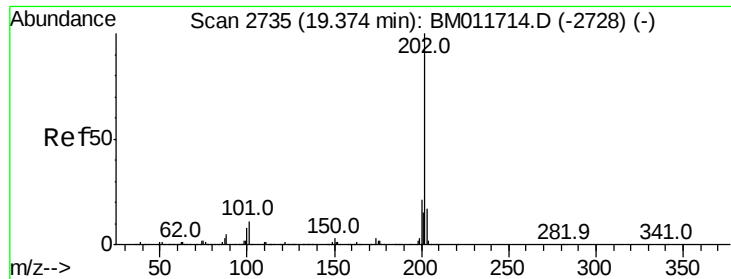
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#72
Anthracene
Concen: 2.328 ng/ul
RT: 17.46 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	19.2	15.4	23.0





#77

Fluoranthene

Concen: 15.573 ng/ul

RT: 19.39 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM011694.D

Acq: 22 Sep 2017 16:09

Instrument :

BNA_M

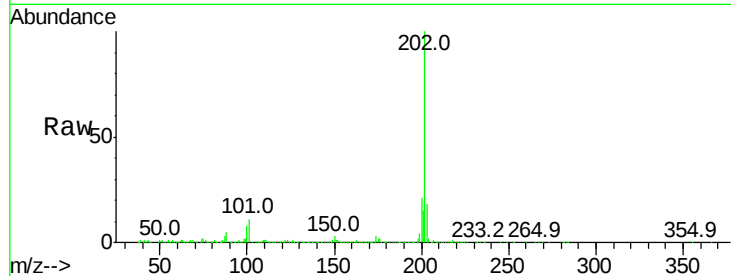
ClientSampleId :

CB3B1

Tot Ion:	202	Resp:	1613185
Ion Ratio	Lower	Upper	
202	100		
101	10.6	6.1	9.1#
100	8.0	4.6	7.0#

Manual Integrations
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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

19.39

1500000

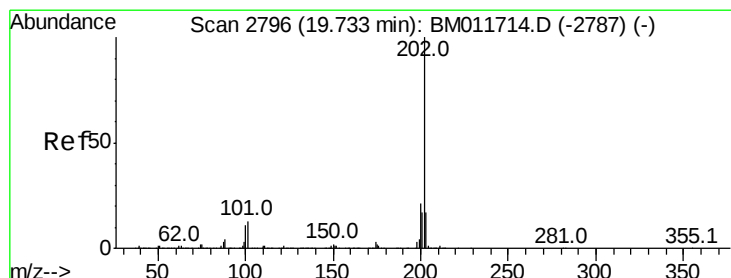
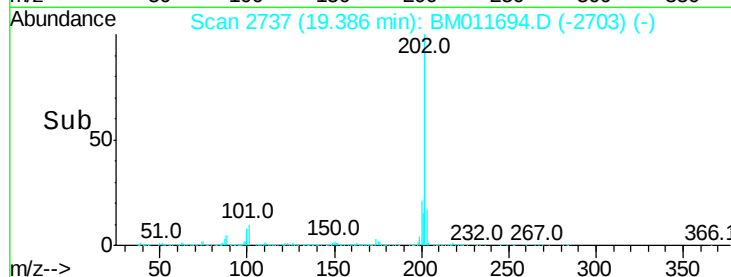
1000000

500000

0

19.35 19.40 19.45

Time-->



#80

Pyrene

Concen: 18.261 ng/ul

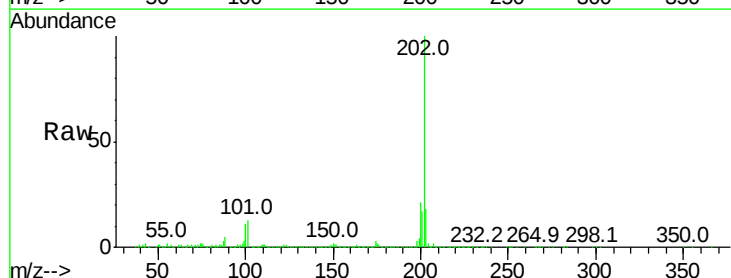
RT: 19.74 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM011694.D

Acq: 22 Sep 2017 16:09

Tgt Ion:	202	Resp:	1332754
Ion Ratio	Lower	Upper	
202	100		
101	13.0	6.9	10.3#
100	10.6	5.6	8.4#



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

19.74

1200000

1000000

800000

600000

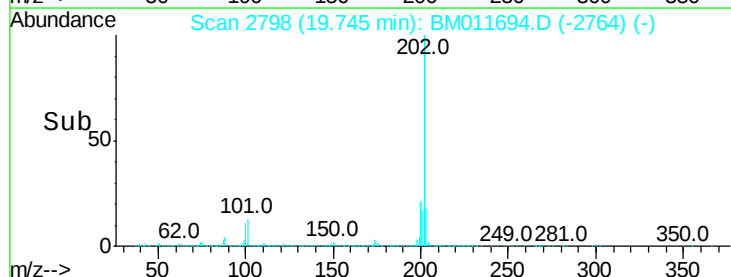
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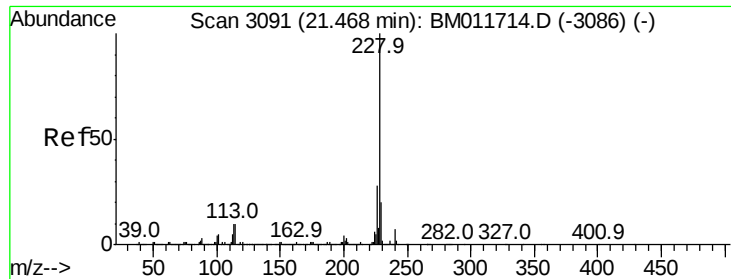
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19.65 19.70 19.75 19.80

Time-->





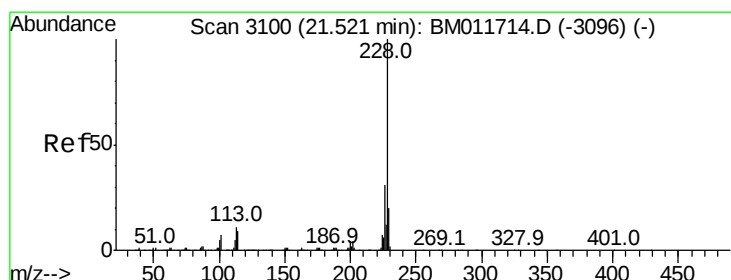
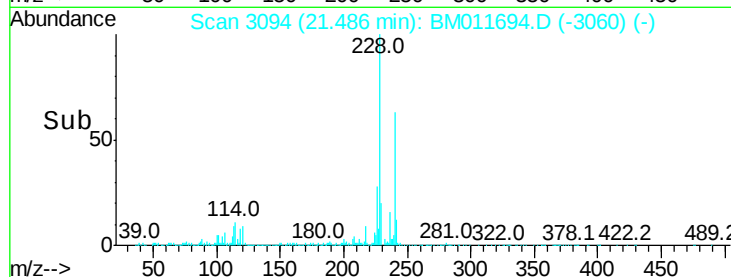
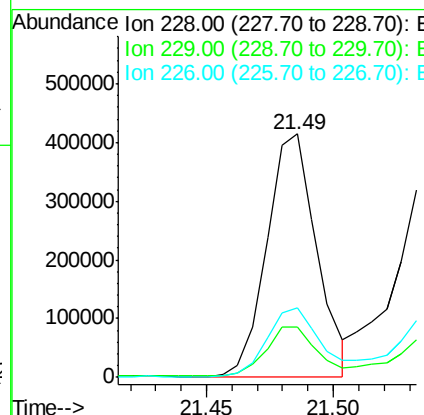
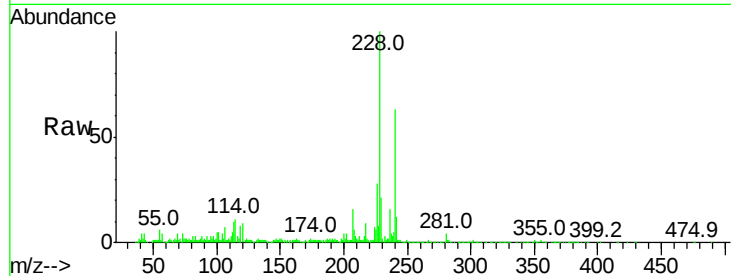
#83
Benzo(a)anthracene
Concen: 8.240 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Instrument :
BNA_M
ClientSampled :
CB3B1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	28.4	21.8	32.8

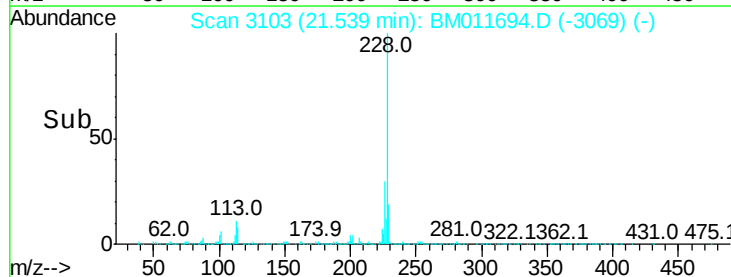
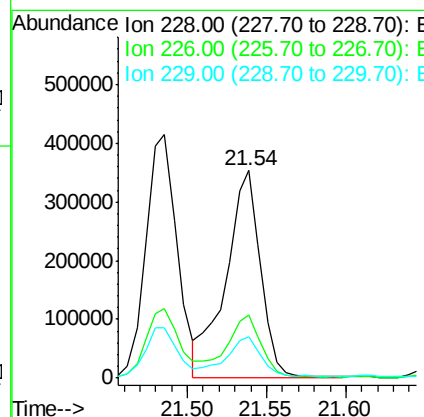
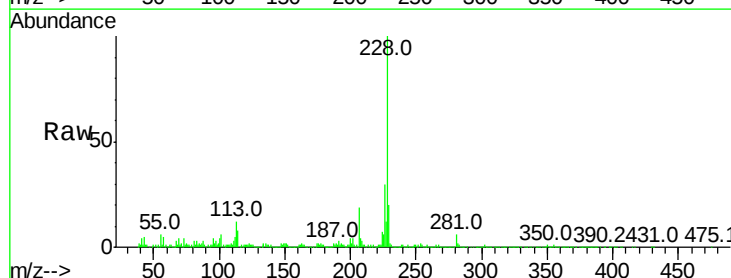
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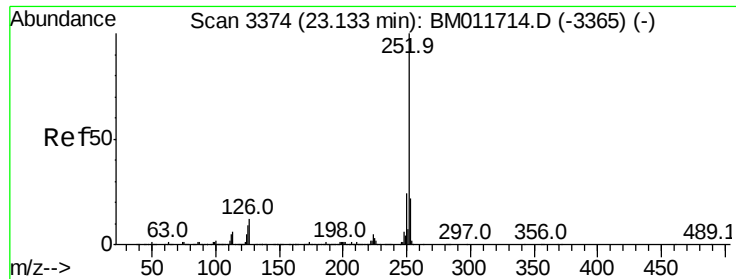
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#85
Chrysene
Concen: 8.543 ng/ul
RT: 21.54 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.7	16.0	24.0





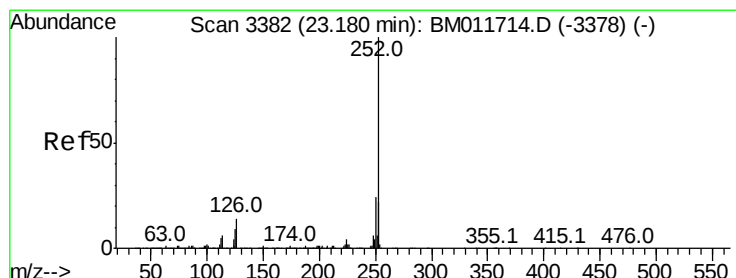
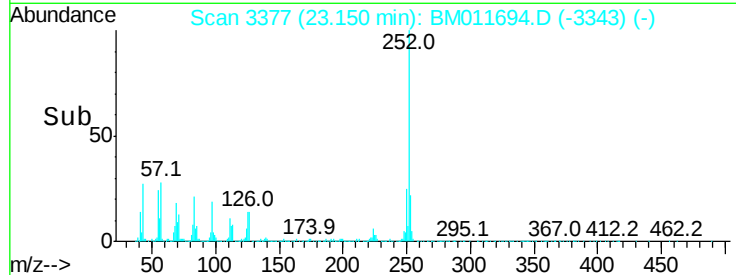
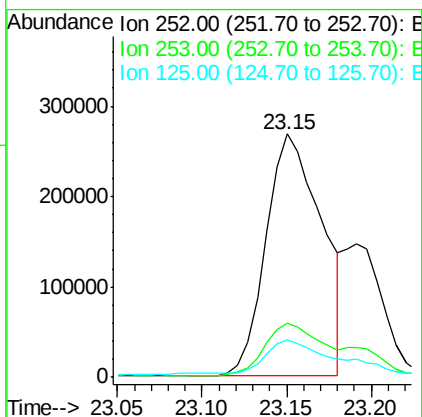
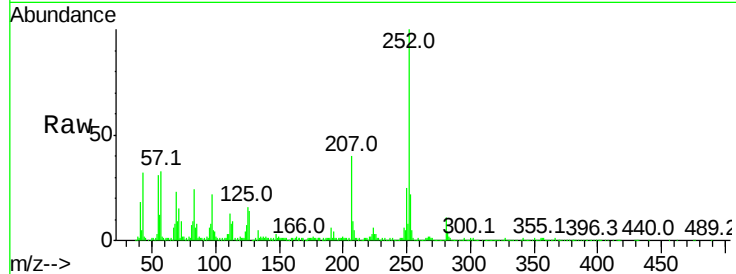
#88
Benzo(b)fluoranthene
Concen: 8.570 ng/ul
RT: 23.15 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Instrument :
BNA_M
ClientSampleId :
CB3B1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	15.6	4.9	7.3#

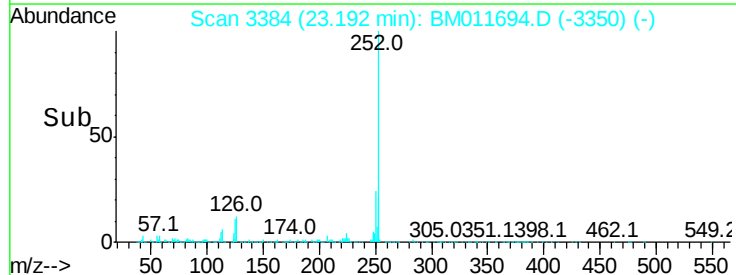
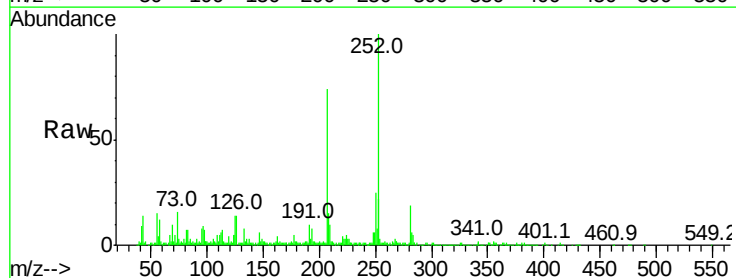
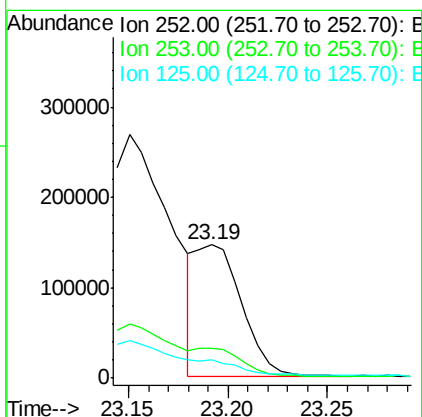
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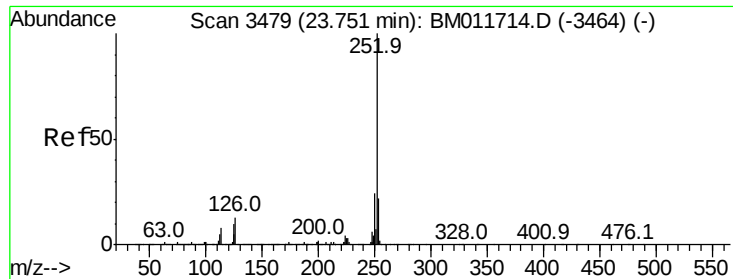
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#89
Benzo(k)fluoranthene
Concen: 3.370 ng/ul m
RT: 23.19 min Scan# 3384
Delta R.T. 0.00 min
Lab File: BM011694.D
Acq: 22 Sep 2017 16:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.6	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 6.211 ng/ul

RT: 23.76 min Scan# 3481

Delta R.T. 0.00 min

Lab File: BM011694.D

Acq: 22 Sep 2017 16:09

Instrument :

BNA_M

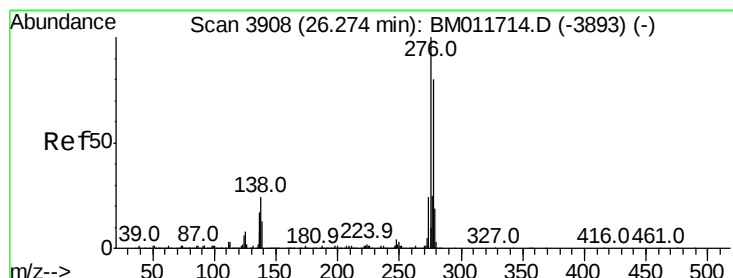
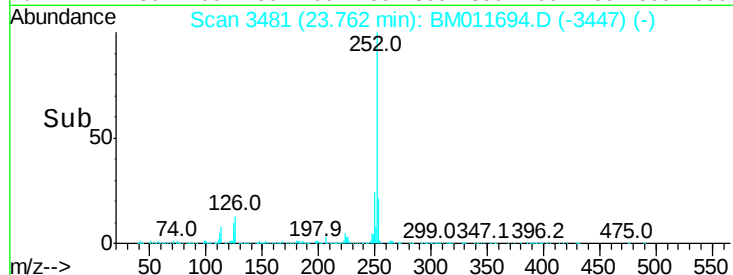
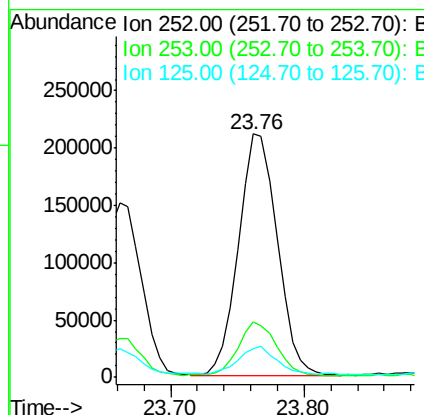
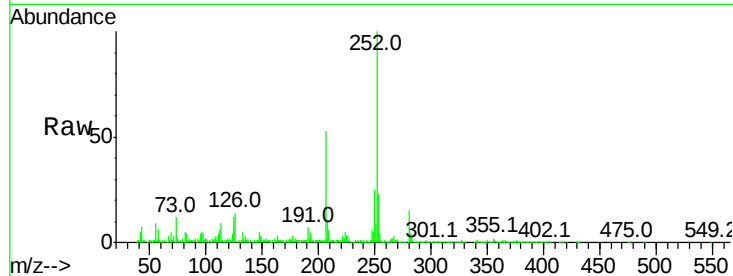
ClientSampled :

CB3B1

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.9	17.2	25.8	
125	11.8	5.8	8.6	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 3.809 ng/ul

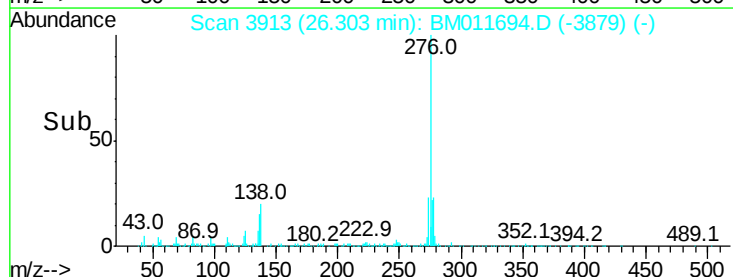
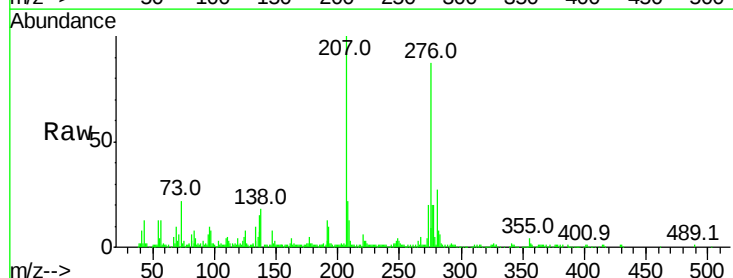
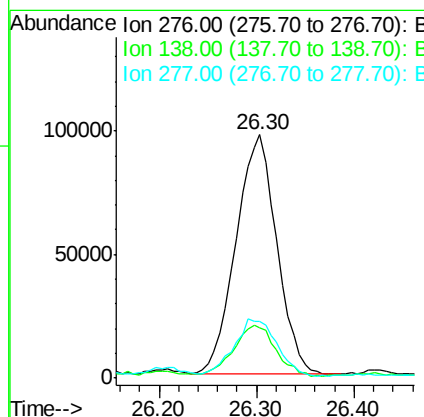
RT: 26.30 min Scan# 3913

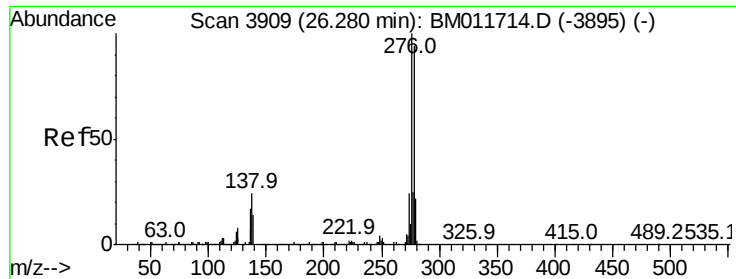
Delta R.T. 0.00 min

Lab File: BM011694.D

Acq: 22 Sep 2017 16:09

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	20.7	10.9	16.3	
277	23.2	18.9	28.3	





#93

Dibenzo(a,h)anthracene

Concen: 1.227 ng/ul

RT: 26.30 min Scan# 3913

Delta R.T. -0.01 min

Lab File: BM011694.D

Acq: 22 Sep 2017 16:09

Instrument :

BNA_M

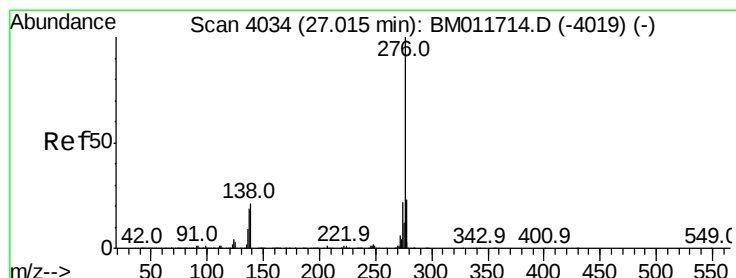
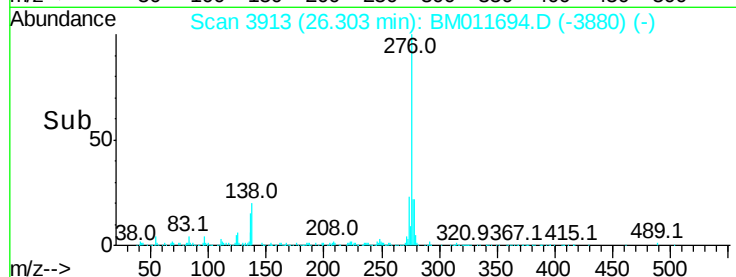
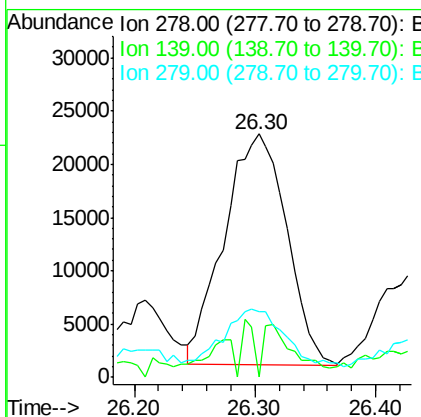
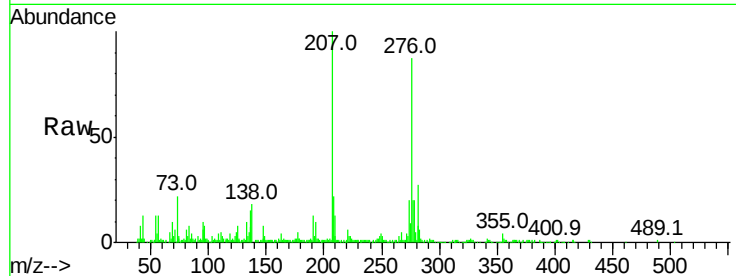
ClientSampled :

CB3B1

Tot Ion:	278	Resp:	77656
Ion Ratio	Lower	Upper	
278	100		
139	0.0	9.0	13.4#
279	26.9	19.1	28.7

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 4.533 ng/ul

RT: 27.05 min Scan# 4040

Delta R.T. 0.00 min

Lab File: BM011694.D

Acq: 22 Sep 2017 16:09

Tgt Ion:	276	Resp:	274052
Ion Ratio	Lower	Upper	
276	100		
138	21.9	11.2	16.8#
277	25.0	19.0	28.6

