

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011693.D
 Acq On : 22 Sep 2017 15:33
 Operator : SJ/JU
 Sample : I5283-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3A9RE

Manual Integrations
 APPROVED

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Quant Time: Sep 23 01:12:07 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	360403	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1616570	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	859828	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1744392	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1201077	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1205262	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1545	0.19	ng/uL	0.01
5) Phenol-d5	7.12	99	5440	0.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	49462m	2.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	6232	0.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.66	113	2865	0.11	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	23388	1.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	427	0.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	1736	0.07	ng/ul	0.02
29) 4-Chloroaniline-d4	10.77	131	2433	0.09	ng/ul	-0.12
44) Dimethylphthalate-d6	14.00	166	17052	0.23	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	191203	2.17	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.58	176	150214	2.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.43	188	231119	2.69	ng/ul	0.00
79) Pyrene-d10	19.72	212	226177	4.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	141897	2.47	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.04	163	72065	1.035	ng/ul	97
70) Phenanthrene	17.37	178	295579	3.040	ng/ul	99
77) Fluoranthene	19.39	202	489543	4.895	ng/ul#	93
80) Pyrene	19.74	202	429403	6.128	ng/ul#	85
83) Benzo(a)anthracene	21.49	228	195120	2.950	ng/ul	98
85) Chrysene	21.54	228	198377	3.309	ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	257446	3.551	ng/ul#	90
91) Benzo(a)pyrene	23.77	252	160555	2.346	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	26.30	276	120908	1.606	ng/ul#	91
94) Benzo(g,h,i)perylene	27.06	276	113902	1.868	ng/ul#	91

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

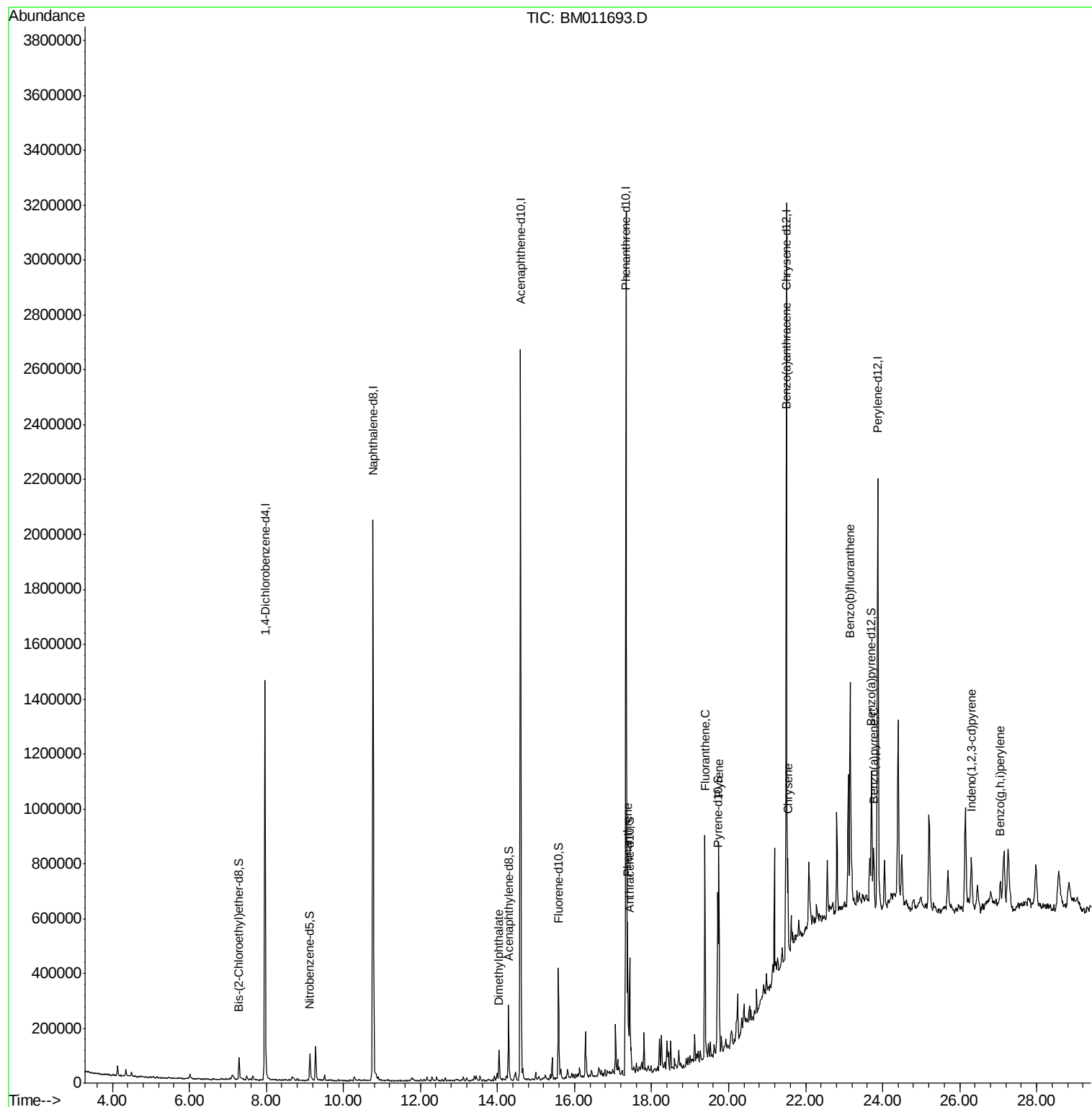
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
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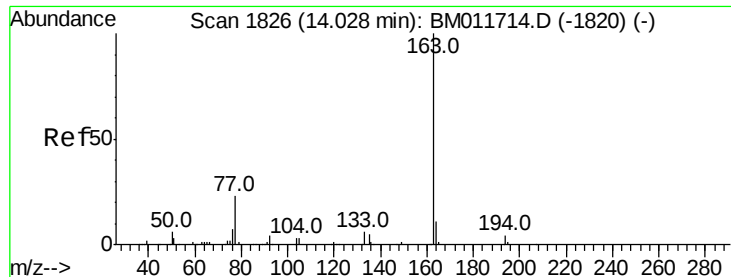
Instrument :
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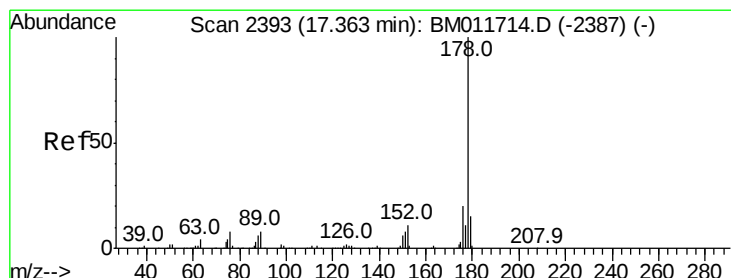
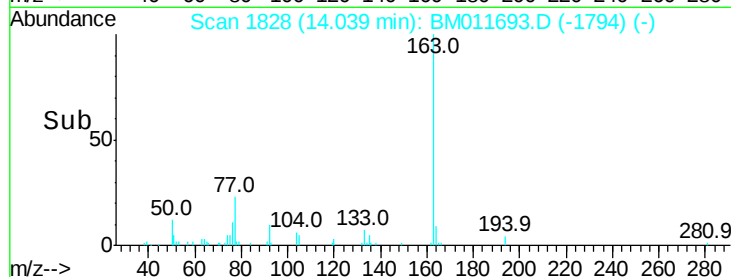
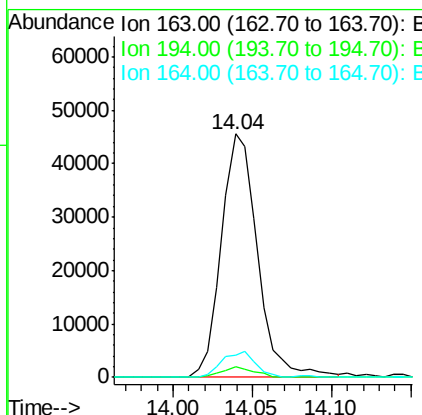
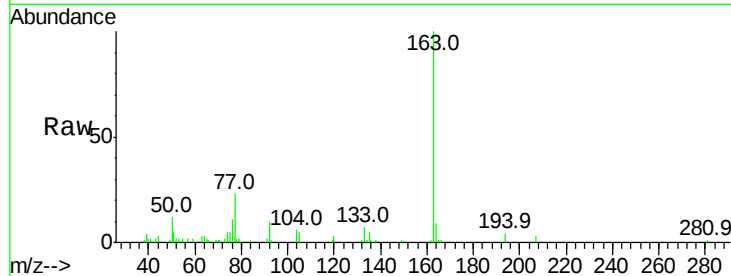
#45
Dimethylphthalate
Concen: 1.035 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM011693.D
Acq: 22 Sep 2017 15:33

Instrument :
BNA_M
ClientSampleId :
CB3A9RE

Tot Ion:	163	Resp:	72065
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.0	6.0
164	9.2	8.4	12.6

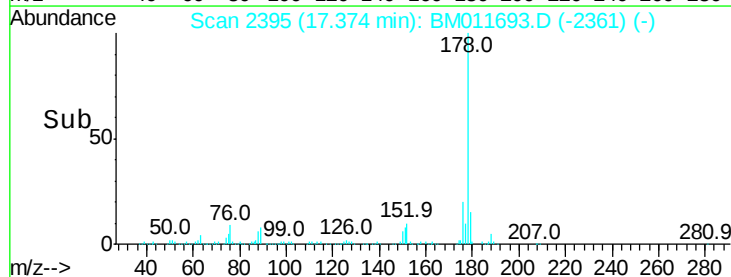
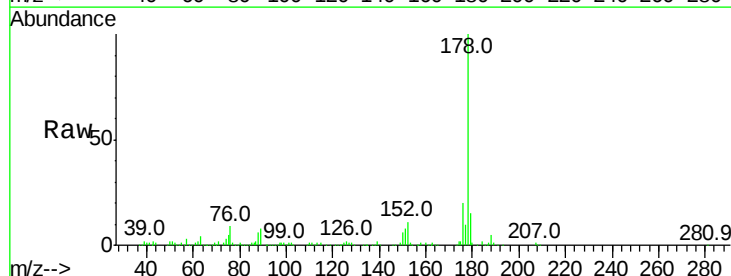
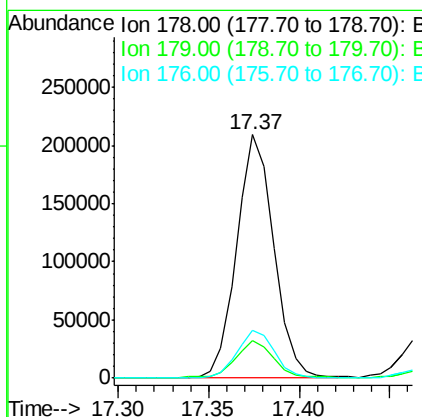
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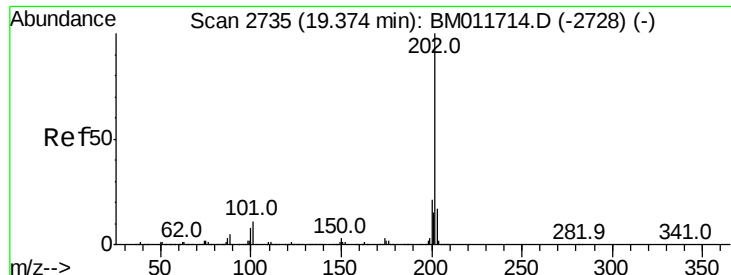
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#70
Phenanthrene
Concen: 3.040 ng/ul
RT: 17.37 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM011693.D
Acq: 22 Sep 2017 15:33

Tgt Ion:	178	Resp:	295579
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.9	15.4	23.0





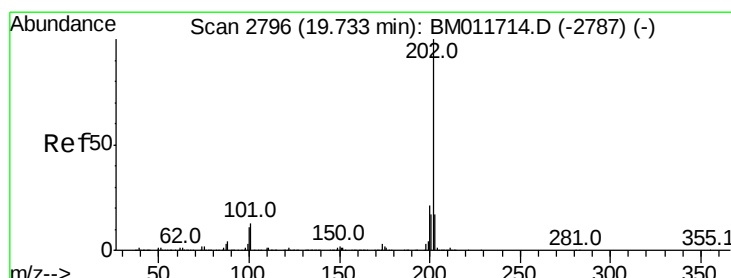
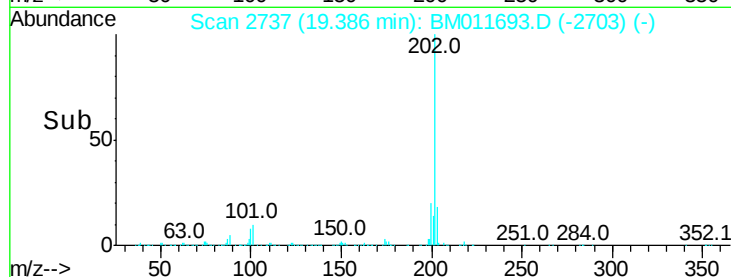
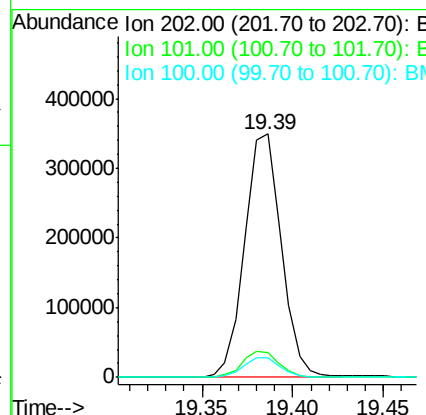
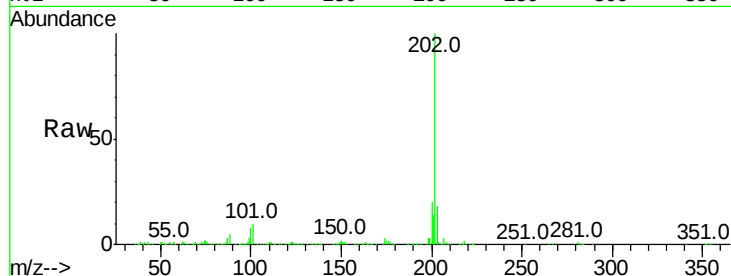
#77
 Fluoranthene
 Concen: 4.895 ng/ul
 RT: 19.39 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BM011693.D
 Acq: 22 Sep 2017 15:33

Instrument :
 BNA_M
 ClientSampleId :
 CB3A9RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	6.1	9.1#
100	8.1	4.6	7.0#

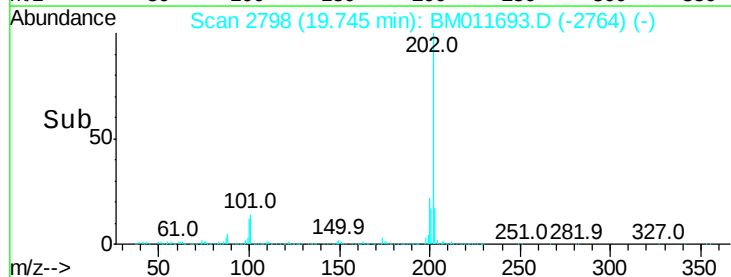
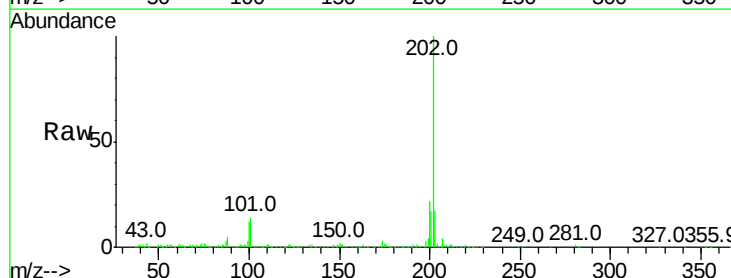
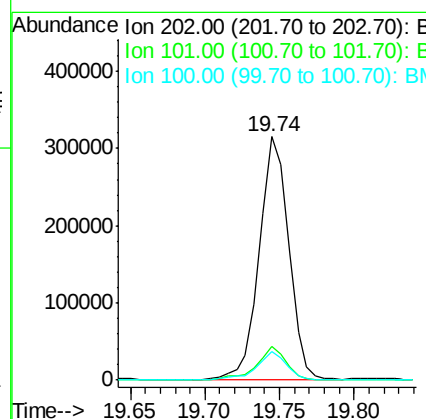
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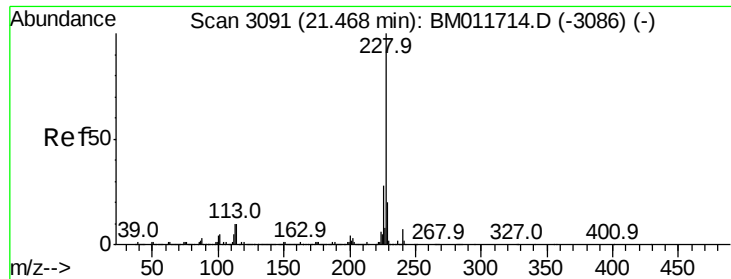
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#80
 Pyrene
 Concen: 6.128 ng/ul
 RT: 19.74 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM011693.D
 Acq: 22 Sep 2017 15:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	6.9	10.3#
100	11.7	5.6	8.4#





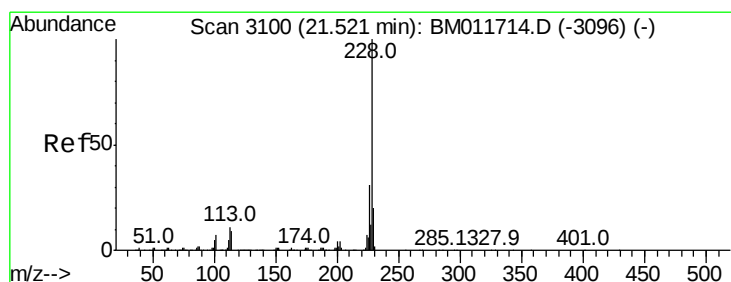
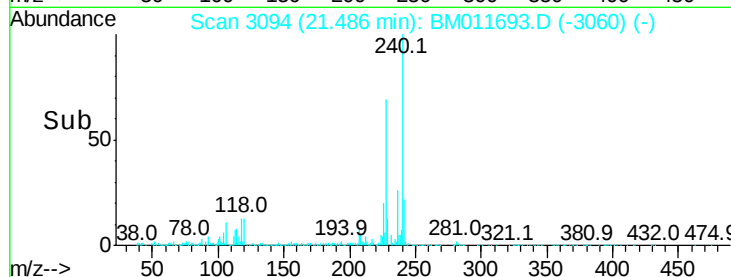
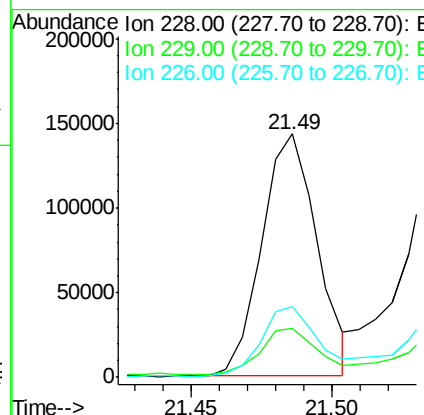
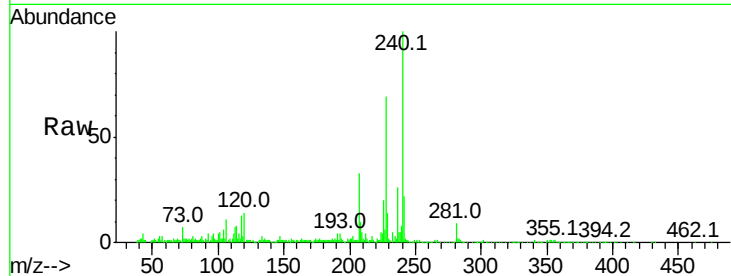
#83
Benzo(a)anthracene
Concen: 2.950 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011693.D
Acq: 22 Sep 2017 15:33

Instrument :
BNA_M
ClientSampleId :
CB3A9RE

Tot Ion:	228	Resp:	195120
Ion Ratio	Lower	Upper	
228	100		
229	20.1	16.0	24.0
226	28.9	21.8	32.8

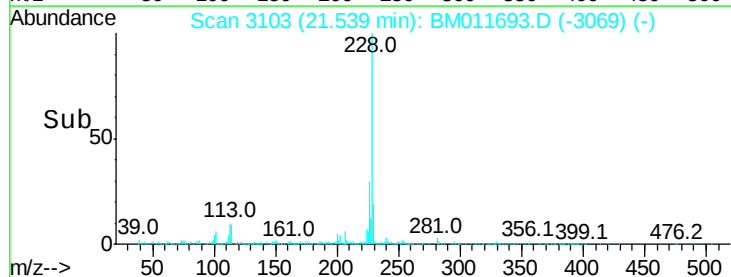
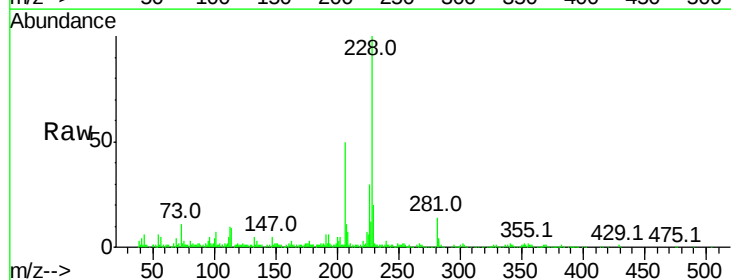
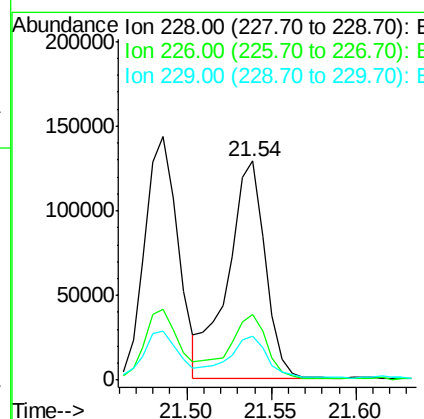
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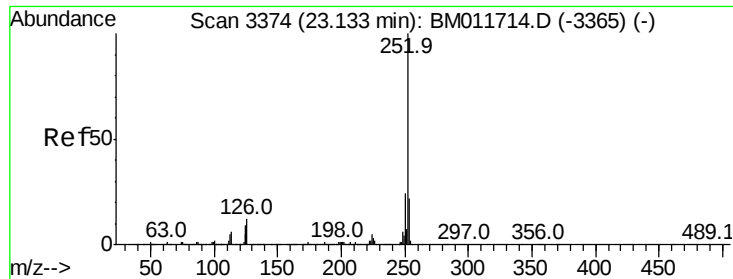
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#85
Chrysene
Concen: 3.309 ng/ul
RT: 21.54 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BM011693.D
Acq: 22 Sep 2017 15:33

Tgt Ion:	228	Resp:	198377
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.1	36.1
229	19.8	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 3.551 ng/u1

RT: 23.15 min Scan# 3377

Delta R.T. 0.00 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

Instrument :

BNA_M

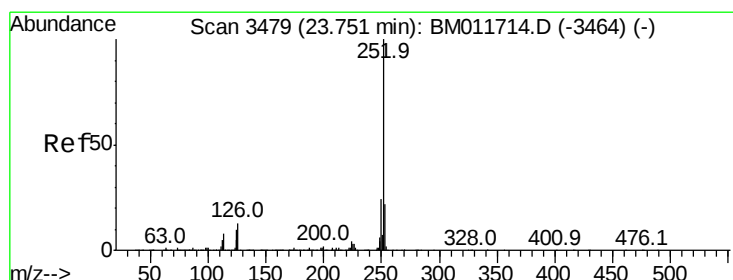
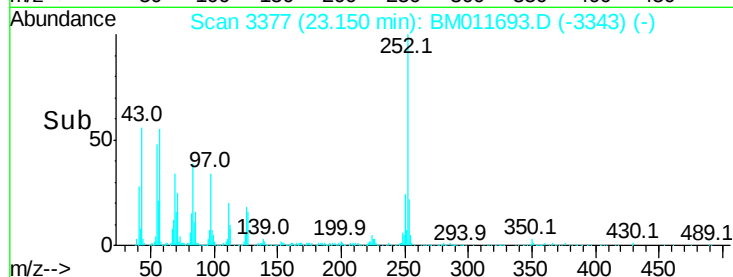
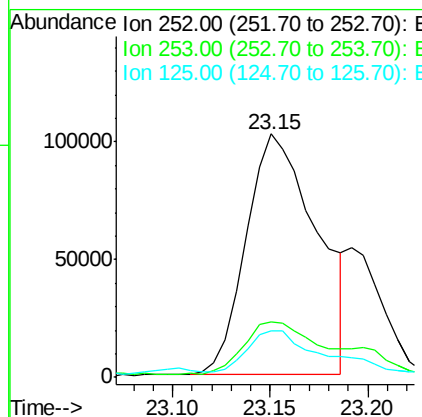
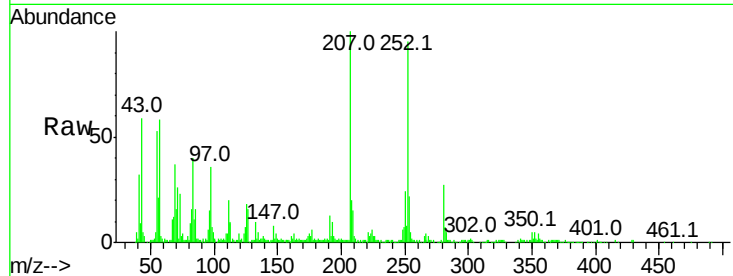
ClientSampleId :

CB3A9RE

Tot Ion:	252	Resp:	257446
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	18.9	4.9	7.3#

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#91

Benzo(a)pyrene

Concen: 2.346 ng/u1

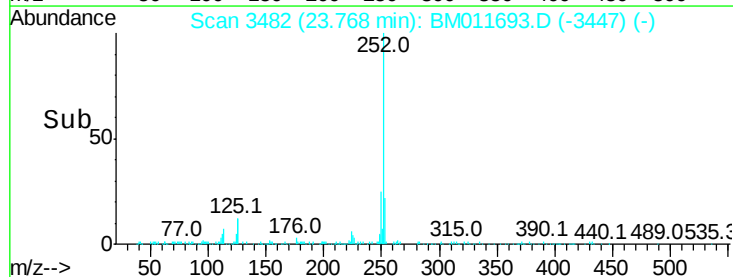
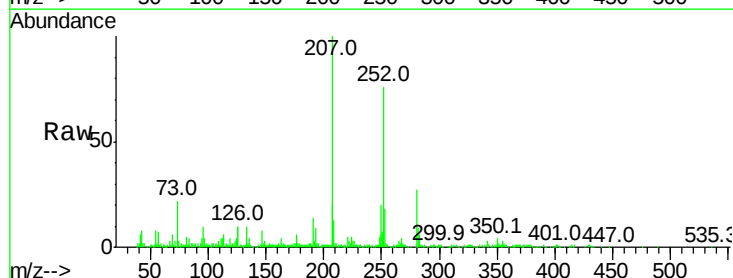
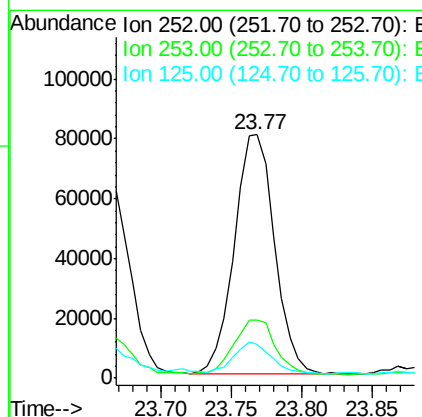
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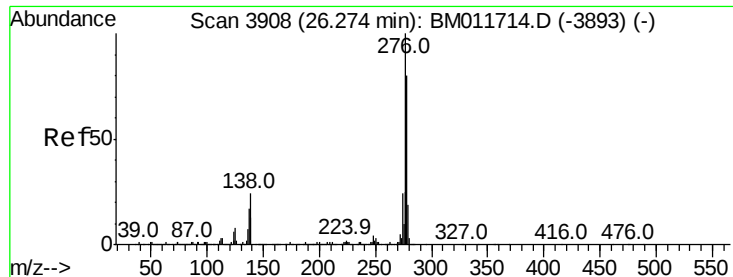
Delta R.T. 0.01 min

Lab File: BM011693.D

Acq: 22 Sep 2017 15:33

Tgt Ion:	252	Resp:	160555
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	13.6	5.8	8.6#





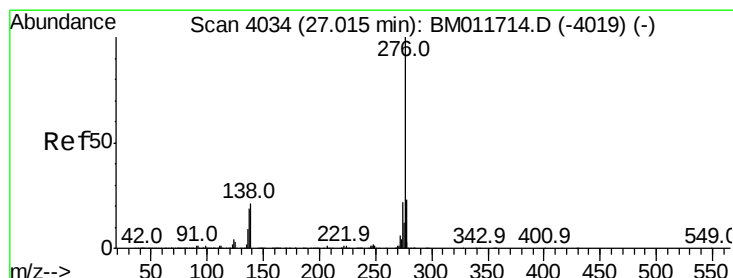
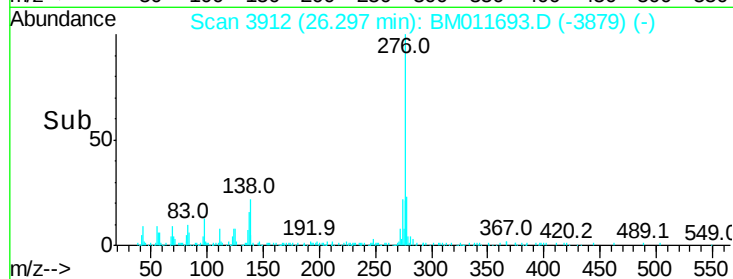
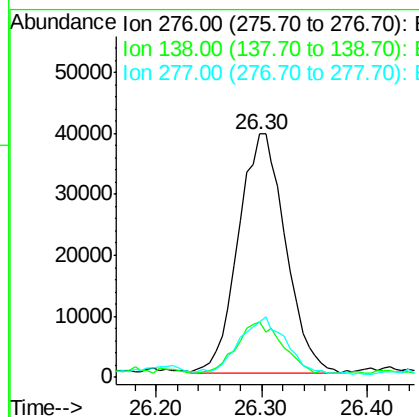
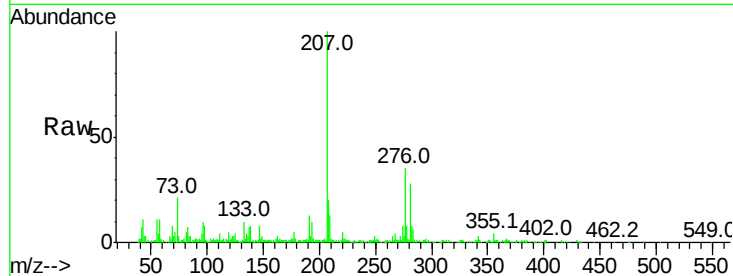
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.606 ng/ul
 RT: 26.30 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BM011693.D
 Acq: 22 Sep 2017 15:33

Instrument :
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Tot Ion:	276	Resp:	120908
Ion Ratio	Lower	Upper	
276	100		
138	22.6	10.9	16.3#
277	23.0	18.9	28.3

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.868 ng/ul
 RT: 27.06 min Scan# 4041
 Delta R.T. 0.01 min
 Lab File: BM011693.D
 Acq: 22 Sep 2017 15:33

Tgt Ion:	276	Resp:	113902
Ion Ratio	Lower	Upper	
276	100		
138	20.9	11.2	16.8#
277	21.5	19.0	28.6

