

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
 Data File : BM011753.D
 Acq On : 28 Sep 2017 09:12
 Operator : SJ/JU
 Sample : I5377-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3E2

Manual Integrations
 APPROVED

Sohil
 9/29/2017 2:23:23 PM

Quant Time: Sep 28 15:29:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 05:09:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	319032	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	1392652	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	738276	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1476896	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1026565	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	989920	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14387	2.01	ng/uL	0.00
5) Phenol-d5	7.09	99	335887	10.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	302555	13.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	297610	12.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	224656	9.14	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	152334	14.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	137185	11.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	253868	11.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	37011	1.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	813855	12.85	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1071882	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	12917	1.19	ng/ul	0.01
57) Fluorene-d10	15.56	176	750934	13.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	22724	2.27	ng/ul	0.00
70) Anthracene-d10	17.41	188	1059243	14.09	ng/ul	0.00
76) Pyrene-d10	19.70	212	1015740	20.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	682564	14.40	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	14.02	163	238684	3.941	ng/ul	100
47) Acenaphthylene	14.30	152	86917	1.132	ng/ul	99
69) Phenanthrene	17.36	178	439240	5.314	ng/ul	97
71) Anthracene	17.44	178	120927	1.420	ng/ul	97
74) Fluoranthene	19.36	202	825608	8.181	ng/ul#	88
77) Pyrene	19.73	202	747786	12.224	ng/ul#	88
80) Benzo(a)anthracene	21.46	228	377258	6.569	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.37	149	44421	1.164	ng/ul	96
82) Chrysene	21.52	228	357931	6.608	ng/ul	98
85) Benzo(b)fluoranthene	23.13	252	496758	8.505	ng/ul#	94
86) Benzo(k)fluoranthene	23.17	252	183442m	3.079	ng/ul	
88) Benzo(a)pyrene	23.74	252	350963	6.221	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.26	276	277957	4.732	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.26	278	72177	1.467	ng/ul#	87
91) Benzo(g,h,i)perylene	27.00	276	274308	5.627	ng/ul#	90

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

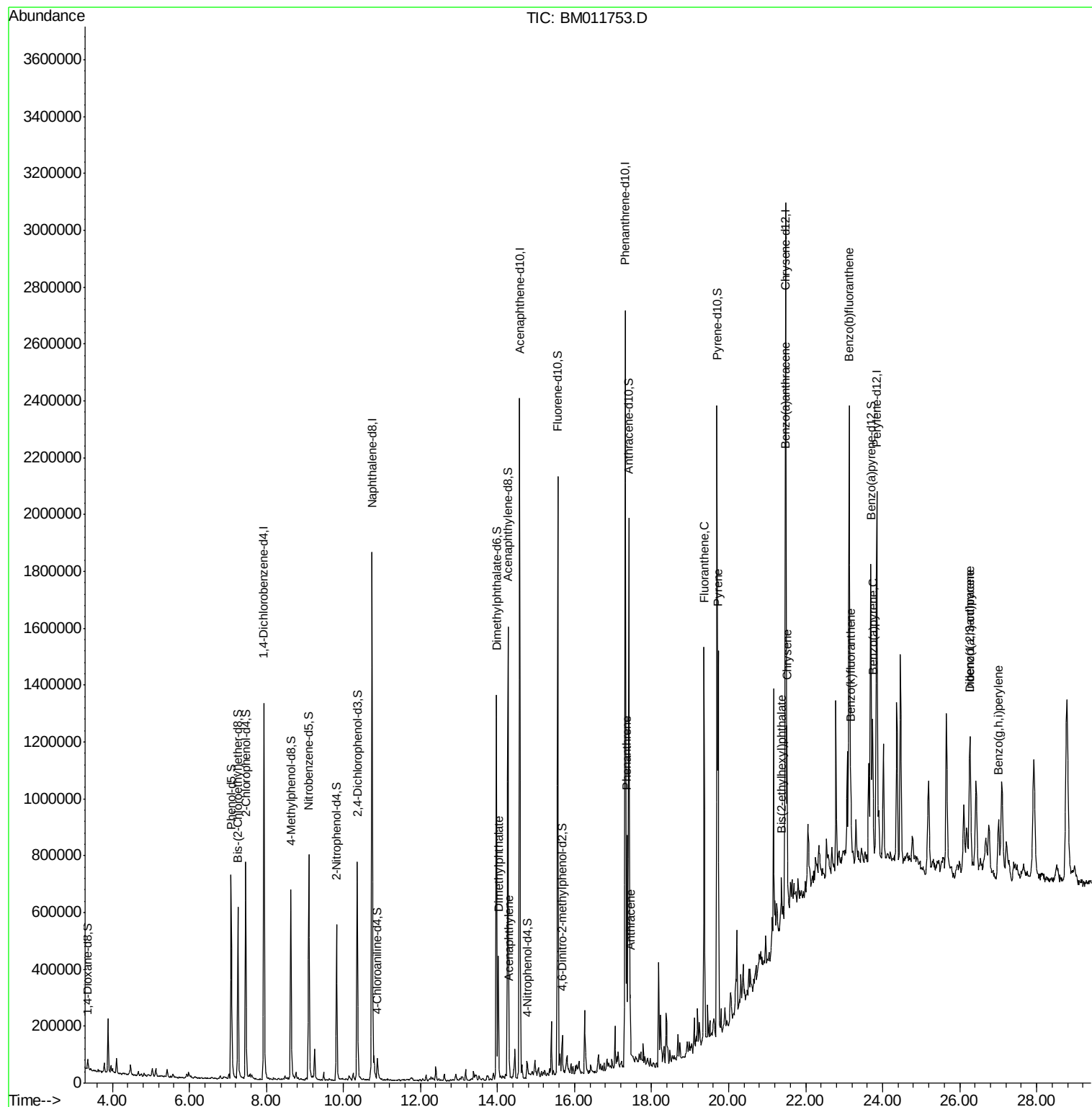
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011753.D
Acq On : 28 Sep 2017 09:12
Operator : SJ/JU
Sample : I5377-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

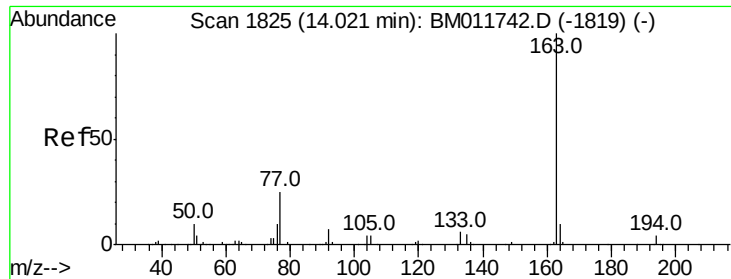
Instrument :
BNA_M
ClientSampled :
CB3E2

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Quant Time: Sep 28 15:29:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
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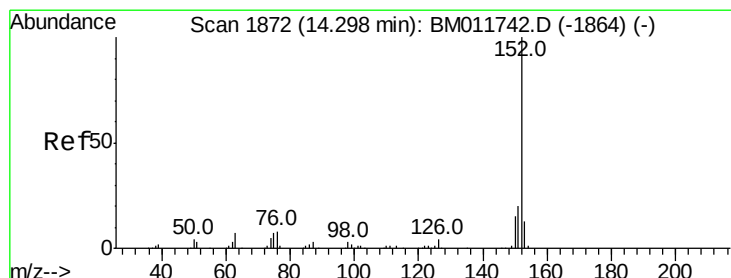
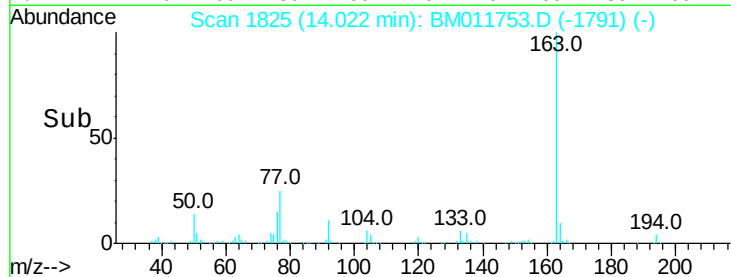
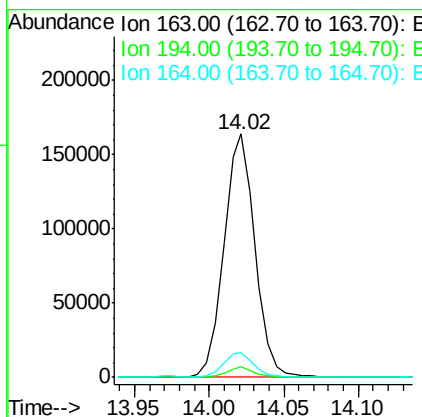
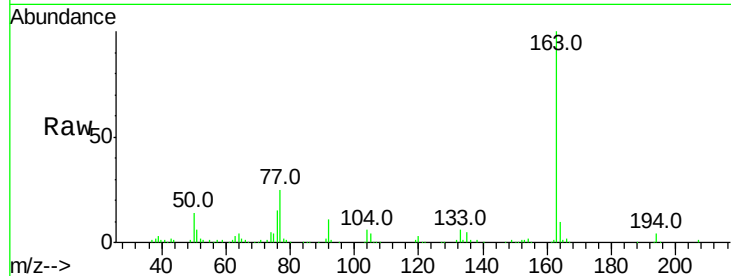
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Dimethylphthalate
Concen: 3.941 ng/ul
RT: 14.02 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Instrument :
BNA_M
ClientSampled :
CB3E2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	238684		
194	4.1		3.5	5.3
164	10.4		8.2	12.4

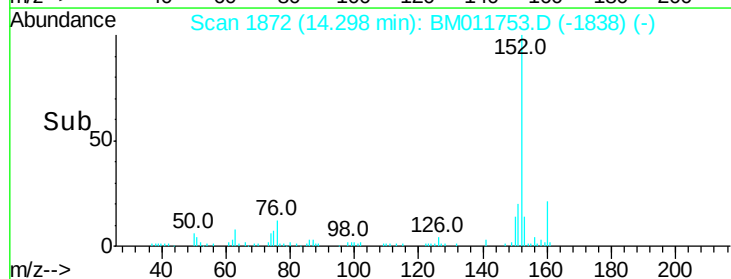
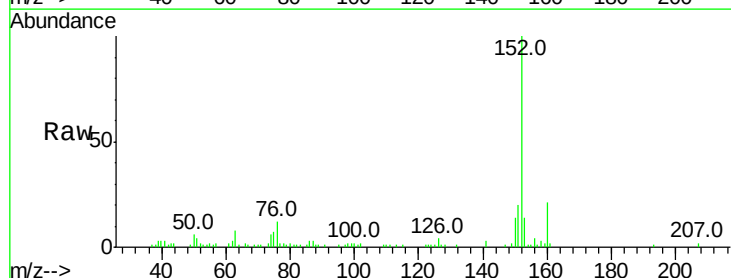
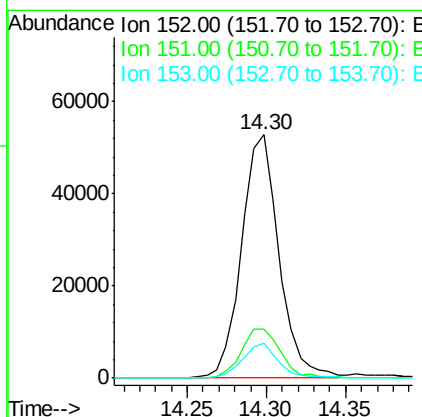
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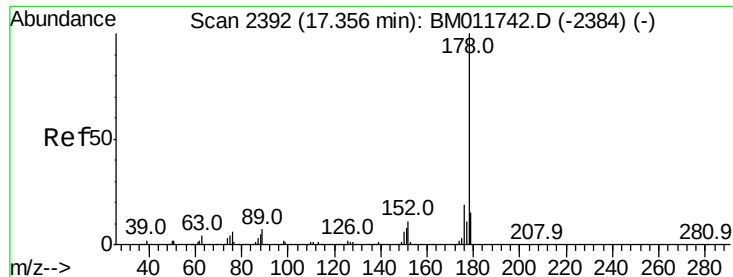
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#47
Acenaphthylene
Concen: 1.132 ng/ul
RT: 14.30 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	86917		
151	20.3		16.3	24.5
153	14.2		10.2	15.4





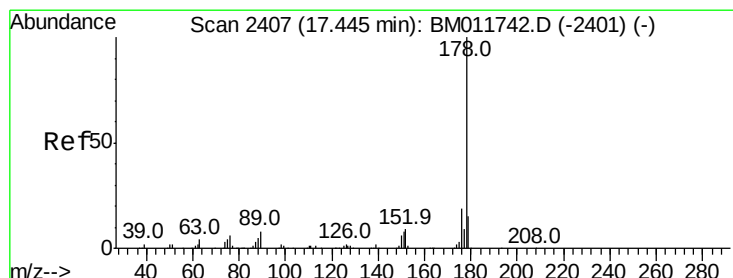
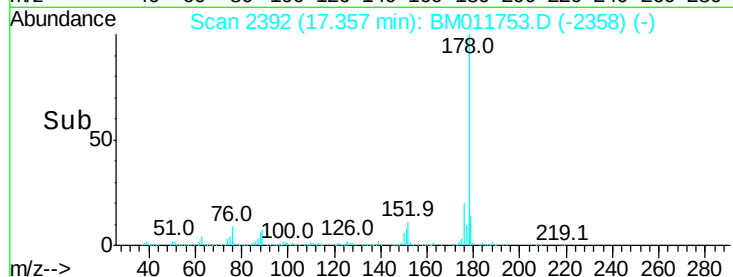
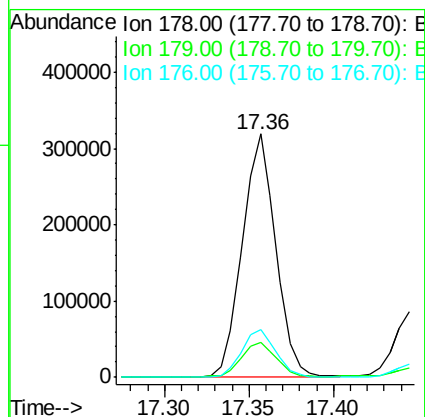
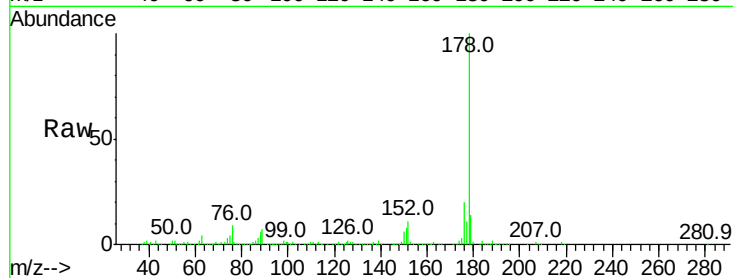
#69
Phenanthrene
Concen: 5.314 ng/ul
RT: 17.36 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Instrument :
BNA_M
ClientSampleId :
CB3E2

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	19.5	14.9	22.3

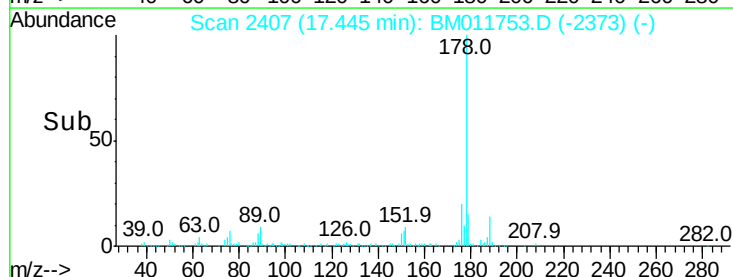
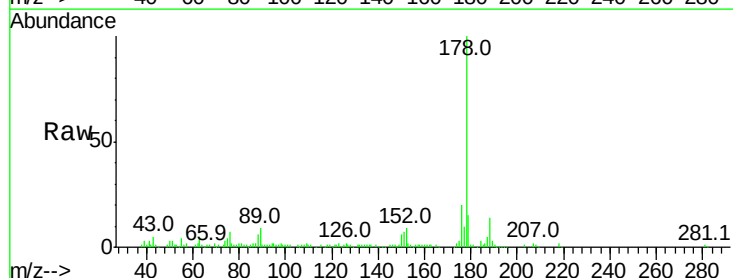
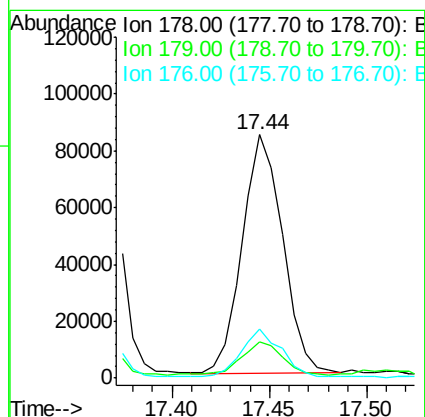
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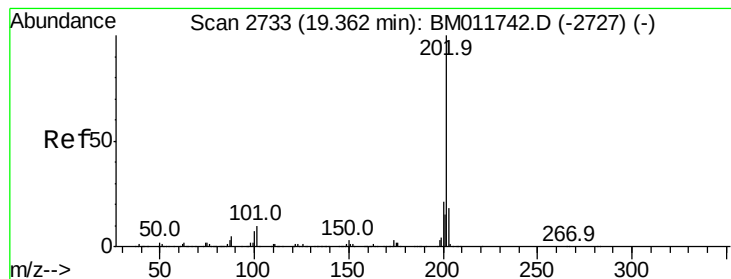
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#71
Anthracene
Concen: 1.420 ng/ul
RT: 17.44 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BM011753.D
Acq: 28 Sep 2017 09:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	19.9	14.6	21.8





#74

Fluoranthene

Concen: 8.181 ng/ul

RT: 19.36 min Scan# 2733

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

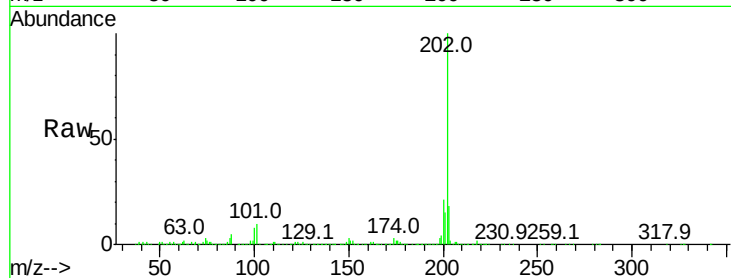
ClientSampleId :

CB3E2

Tot Ion:	202	Resp:	825608
Ion Ratio	Lower	Upper	
202	100		
101	10.1	4.6	7.0#
100	7.7	3.4	5.2#

Manual Integrations
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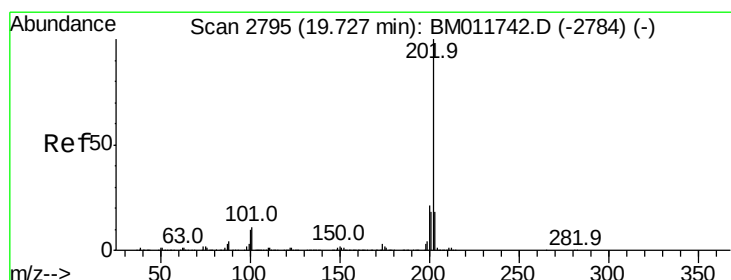
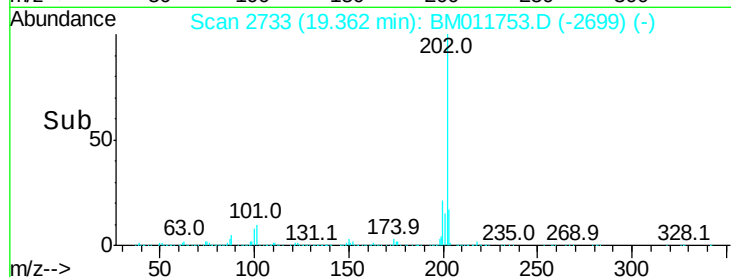
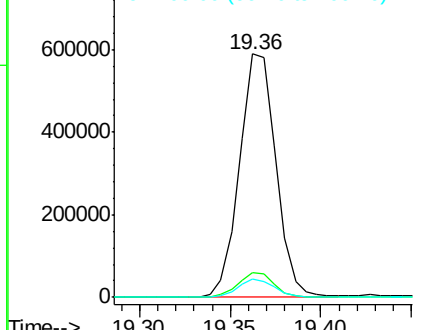
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 12.224 ng/ul

RT: 19.73 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BM011753.D

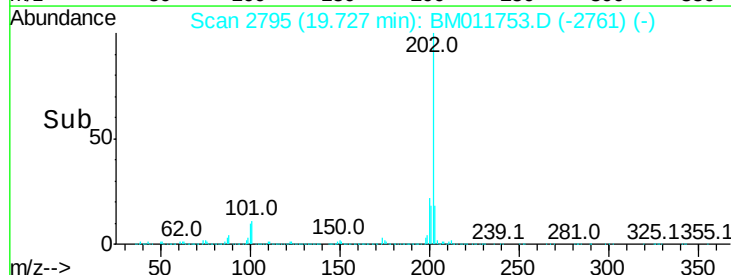
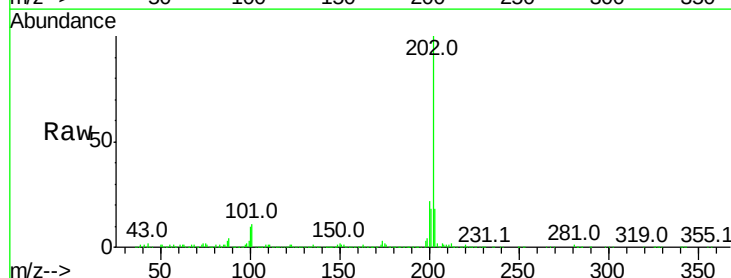
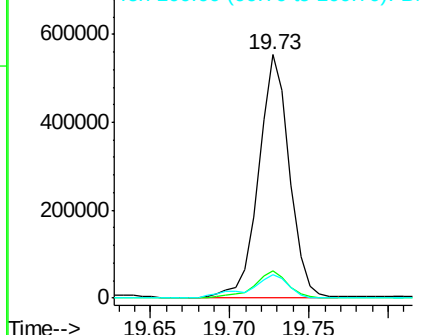
Acq: 28 Sep 2017 09:12

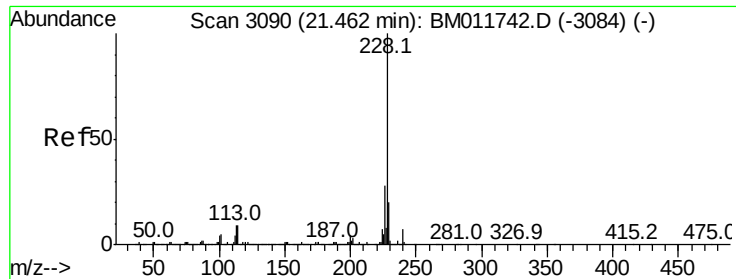
Tgt Ion:	202	Resp:	747786
Ion Ratio	Lower	Upper	
202	100		
101	11.2	5.1	7.7#
100	9.7	4.9	7.3#

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





#80

Benzo(a)anthracene

Concen: 6.569 ng/ul

RT: 21.46 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

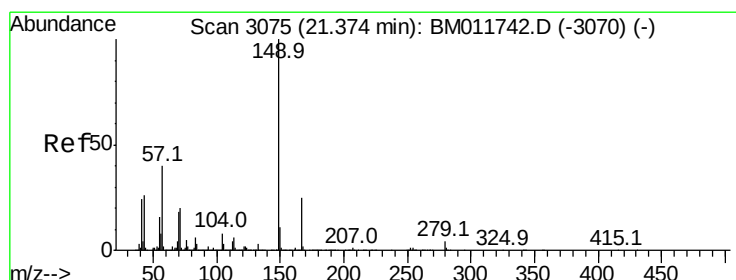
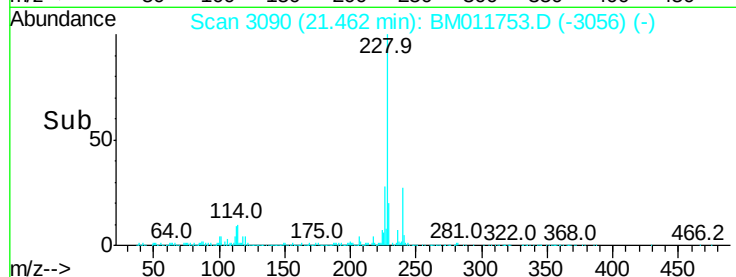
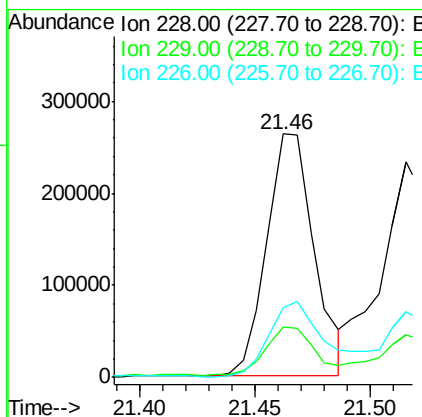
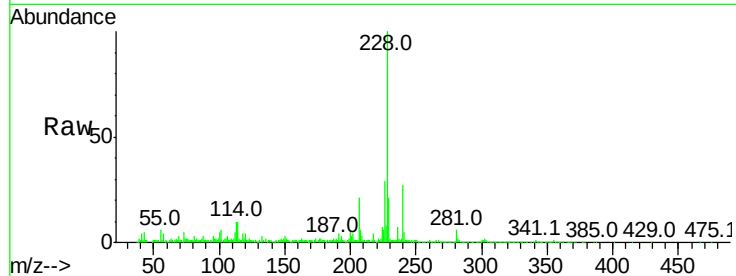
ClientSampled :

CB3E2

Tot Ion:	228	Resp:	377258
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.4	23.0
226	28.7	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 1.164 ng/ul

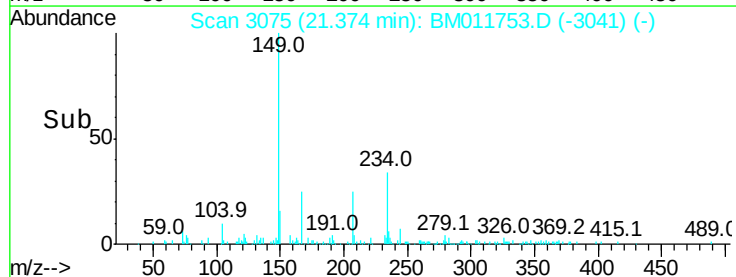
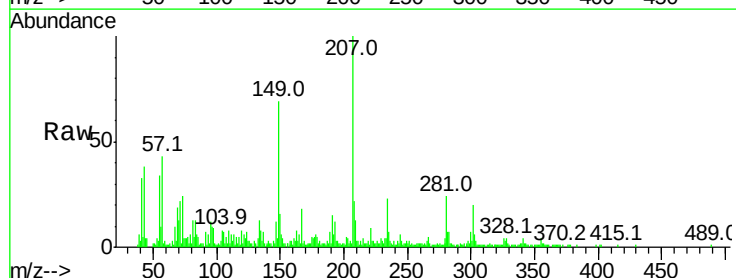
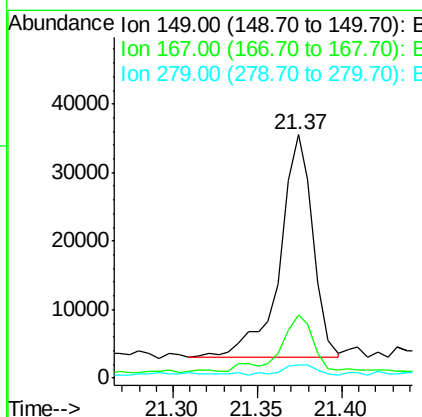
RT: 21.37 min Scan# 3075

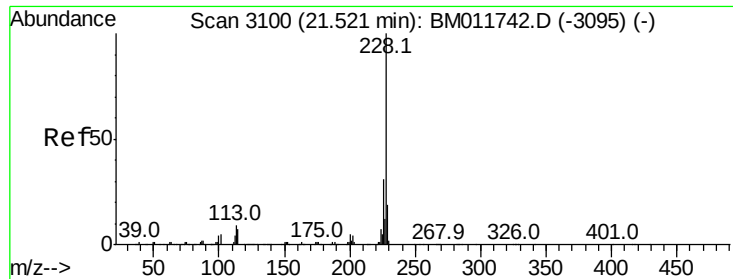
Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Tgt Ion:	149	Resp:	44421
Ion Ratio	Lower	Upper	
149	100		
167	26.0	22.8	34.2
279	5.5	4.9	7.3





#82

Chrysene

Concen: 6.608 ng/ul

RT: 21.52 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

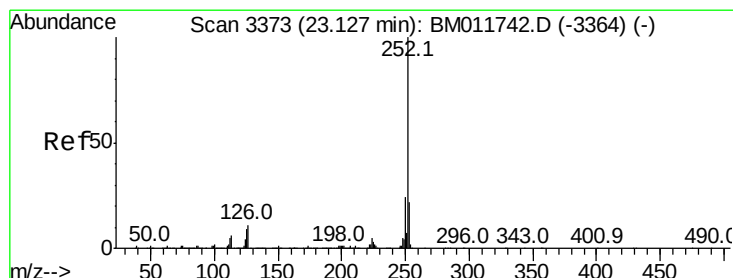
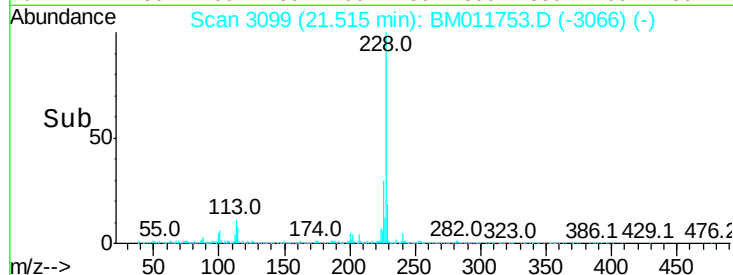
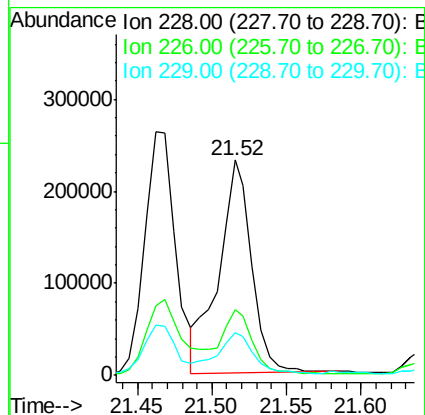
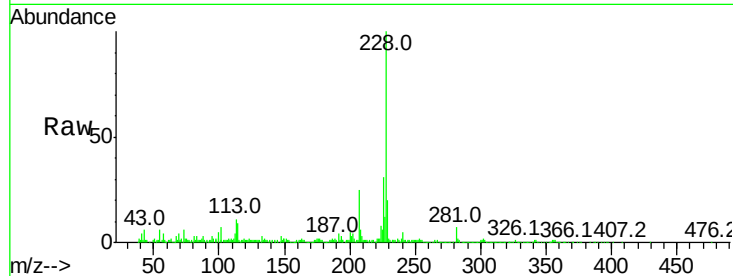
ClientSampleId :

CB3E2

Tot Ion:	228	Resp:	357931
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.4	35.2
229	19.8	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 8.505 ng/ul

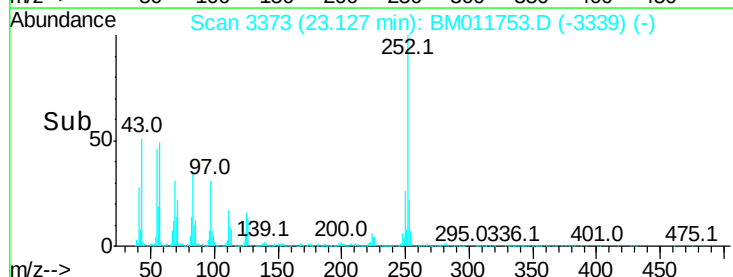
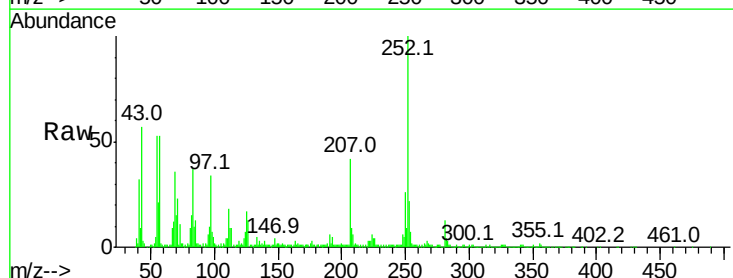
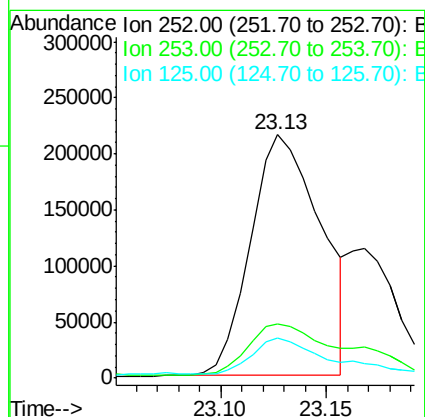
RT: 23.13 min Scan# 3373

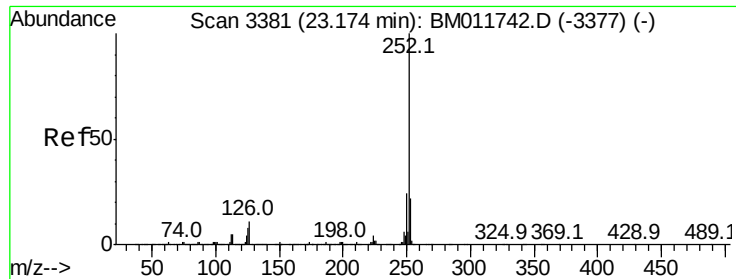
Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Tgt Ion:	252	Resp:	496758
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	16.6	3.6	5.4#





#86

Benzo(k)fluoranthene

Concen: 3.079 ng/ul m

RT: 23.17 min Scan# 3380

Delta R.T. -0.01 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Instrument :

BNA_M

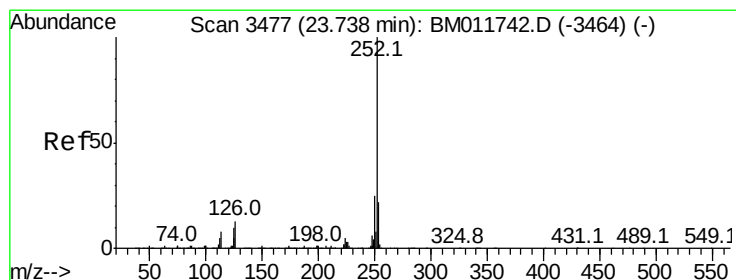
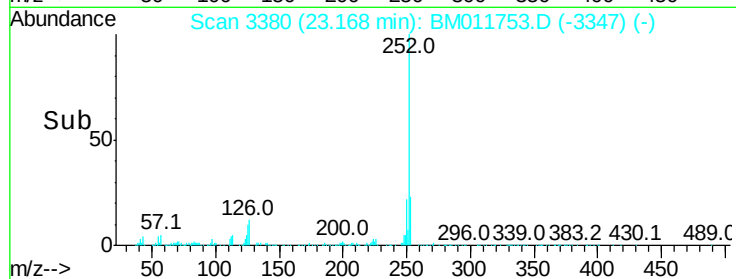
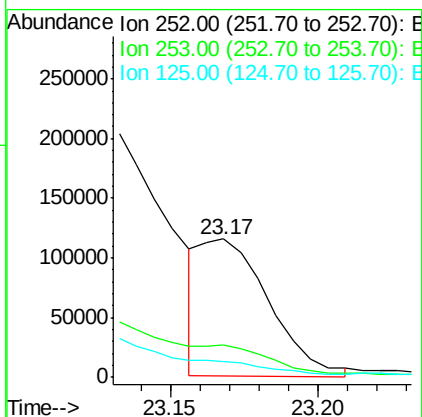
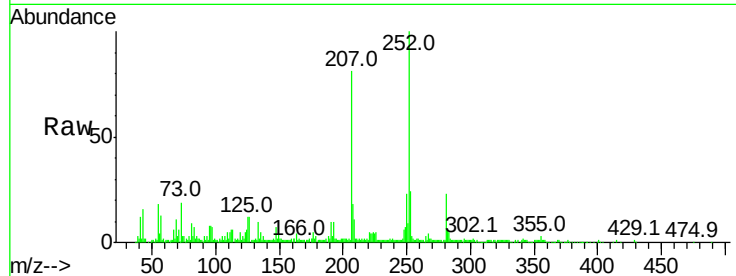
ClientSampleId :

CB3E2

Tot Ion:	252	Resp:	183442
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	11.6	3.4	5.2#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 6.221 ng/ul

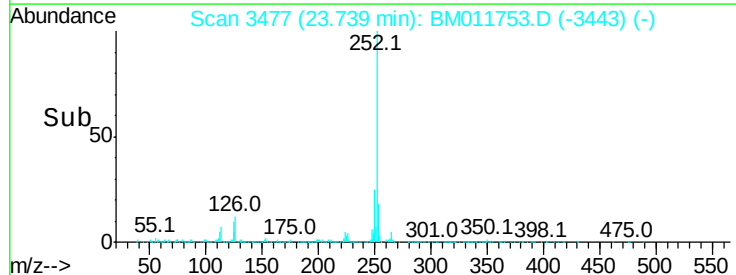
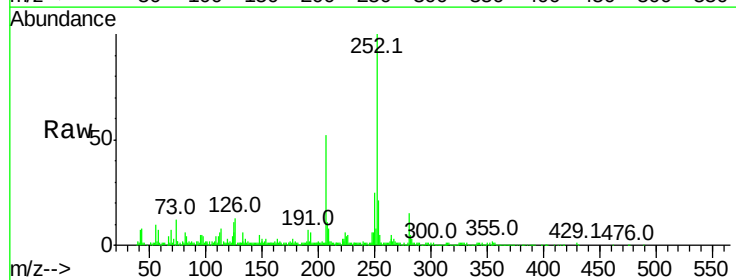
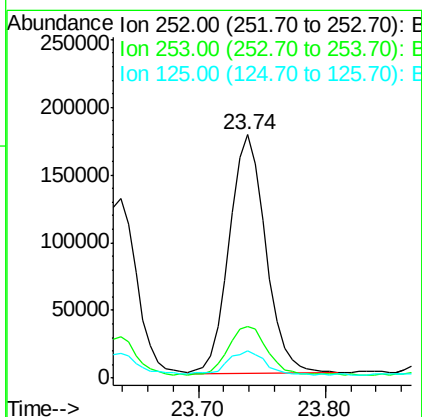
RT: 23.74 min Scan# 3477

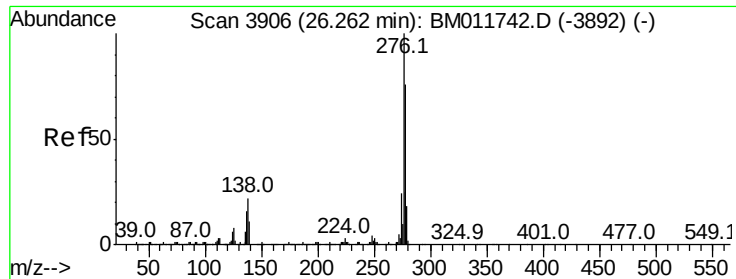
Delta R.T. 0.00 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Tgt Ion:	252	Resp:	350963
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.2	27.2
125	11.3	4.0	6.0#





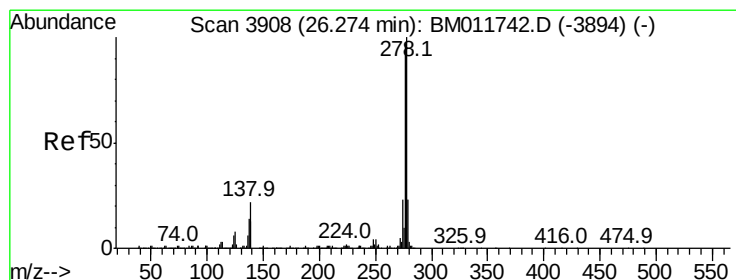
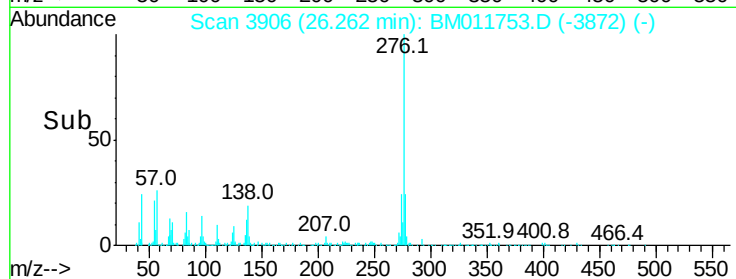
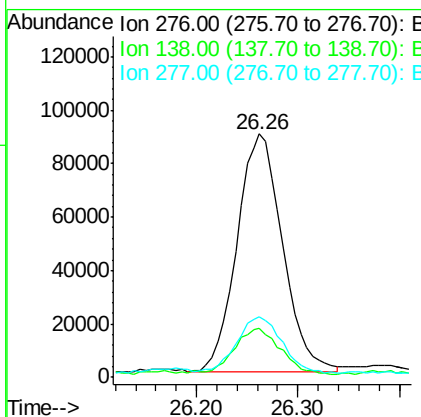
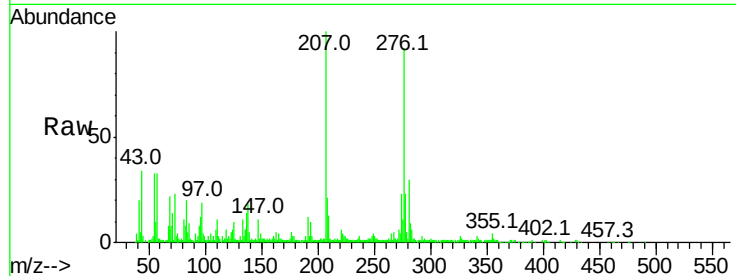
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.732 ng/ul
 RT: 26.26 min Scan# 3906
 Delta R.T. 0.00 min
 Lab File: BM011753.D
 Acq: 28 Sep 2017 09:12

Instrument :
 BNA_M
 ClientSampleId :
 CB3E2

Tot Ion:	276	Resp:	277957
Ion Ratio	Lower	Upper	
276	100		
138	19.9	9.3	13.9#
277	25.0	19.9	29.9

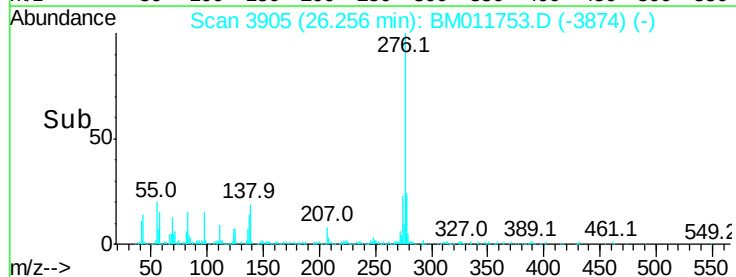
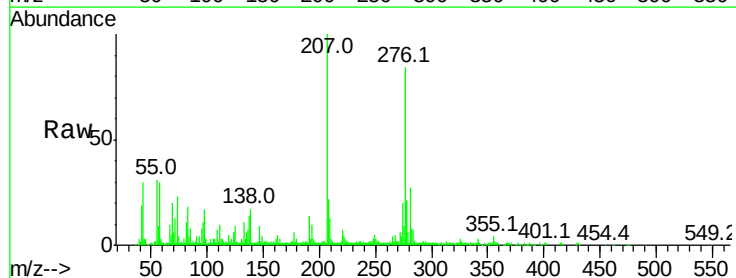
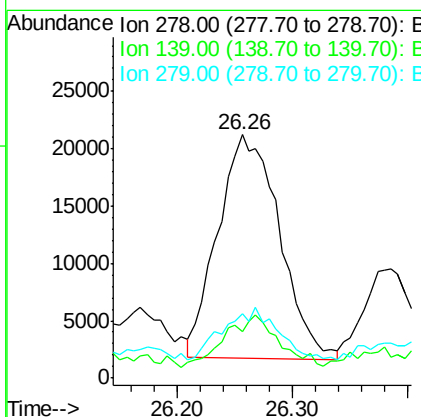
Manual Integrations
 APPROVED

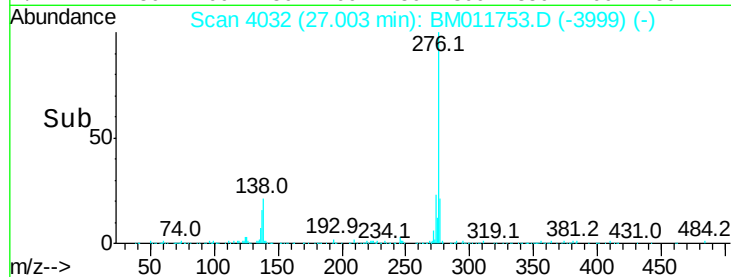
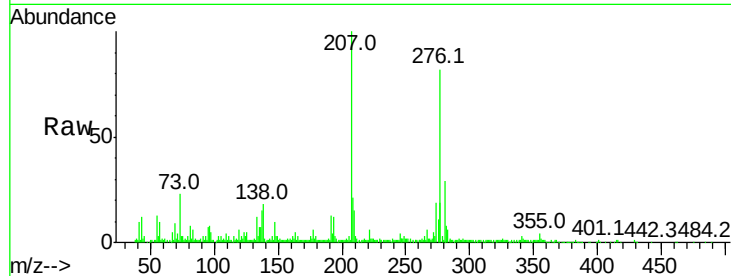
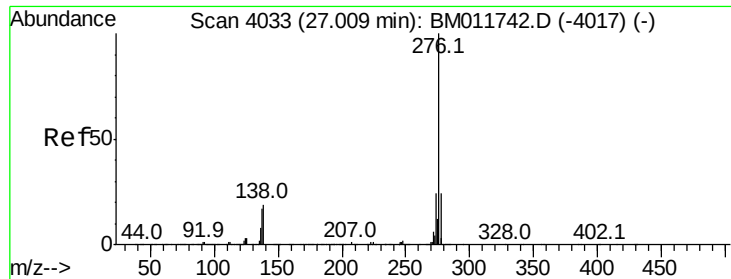
Sohil
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#90
 Dibenzo(a,h)anthracene
 Concen: 1.467 ng/ul
 RT: 26.26 min Scan# 3905
 Delta R.T. -0.02 min
 Lab File: BM011753.D
 Acq: 28 Sep 2017 09:12

Tgt Ion:	278	Resp:	72177
Ion Ratio	Lower	Upper	
278	100		
139	19.2	5.8	8.8#
279	26.5	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 5.627 ng/ul

RT: 27.00 min Scan# 4032

Delta R.T. -0.01 min

Lab File: BM011753.D

Acq: 28 Sep 2017 09:12

Tot Ion:	276	Resp:	274308
Ion Ratio	Lower	Upper	
276	100		
138	22.0	8.5	12.7#
277	22.8	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

CB3E2

Manual Integrations
APPROVED

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