

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012855.D
 Acq On : 09 Nov 2017 16:22
 Operator : SJ/JU
 Sample : I5955-04DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-17(5-6.5)-101717DL

Manual Integrations
 APPROVED

Sohil
 11/9/2017 6:00:33 PM

Quant Time: Nov 09 17:49:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 15:31:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	120194	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.59	136	508468	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.44	164	333358	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	817297	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	830022	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	737243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	3030	1.36	ng/uL	0.00
5) Phenol-d5	6.97	99	62833	7.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	38359	7.91	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	55711	7.48	ng/ul	-0.01
13) 4-Methylphenol-d8	8.51	113	44863	5.81	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	29711	7.91	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.67	143	34319	7.98	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	63220	7.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	59285	6.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	227734	8.26	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	262252	7.69	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	20821	4.71	ng/ul	0.02
57) Fluorene-d10	15.43	176	198279	8.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	14172	2.63	ng/ul	0.00
70) Anthracene-d10	17.29	188	307218	7.78	ng/ul	0.00
78) Pyrene-d10	19.58	212	362536	9.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	294394	8.45	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.89	163	64896	2.371 ng/ul#	98
76) Fluoranthene	19.24	202	107199	1.997 ng/ul#	96
79) Pyrene	19.61	202	120453	2.432 ng/ul#	93
80) Butylbenzylphthalate	20.50	149	115073	6.372 ng/ul#	97
82) Benzo(a)anthracene	21.35	228	98756	1.966 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	584605	22.221 ng/ul#	95
84) Chrysene	21.40	228	86850	1.908 ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	119036	2.642 ng/ul	97
88) Benzo(k)fluoranthene	23.00	252	47271m	1.104 ng/ul	
90) Benzo(a)pyrene	23.55	252	87932	2.051 ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.97	276	63601	1.231 ng/ul#	86
93) Benzo(g,h,i)perylene	26.69	276	53487	1.256 ng/ul#	92

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

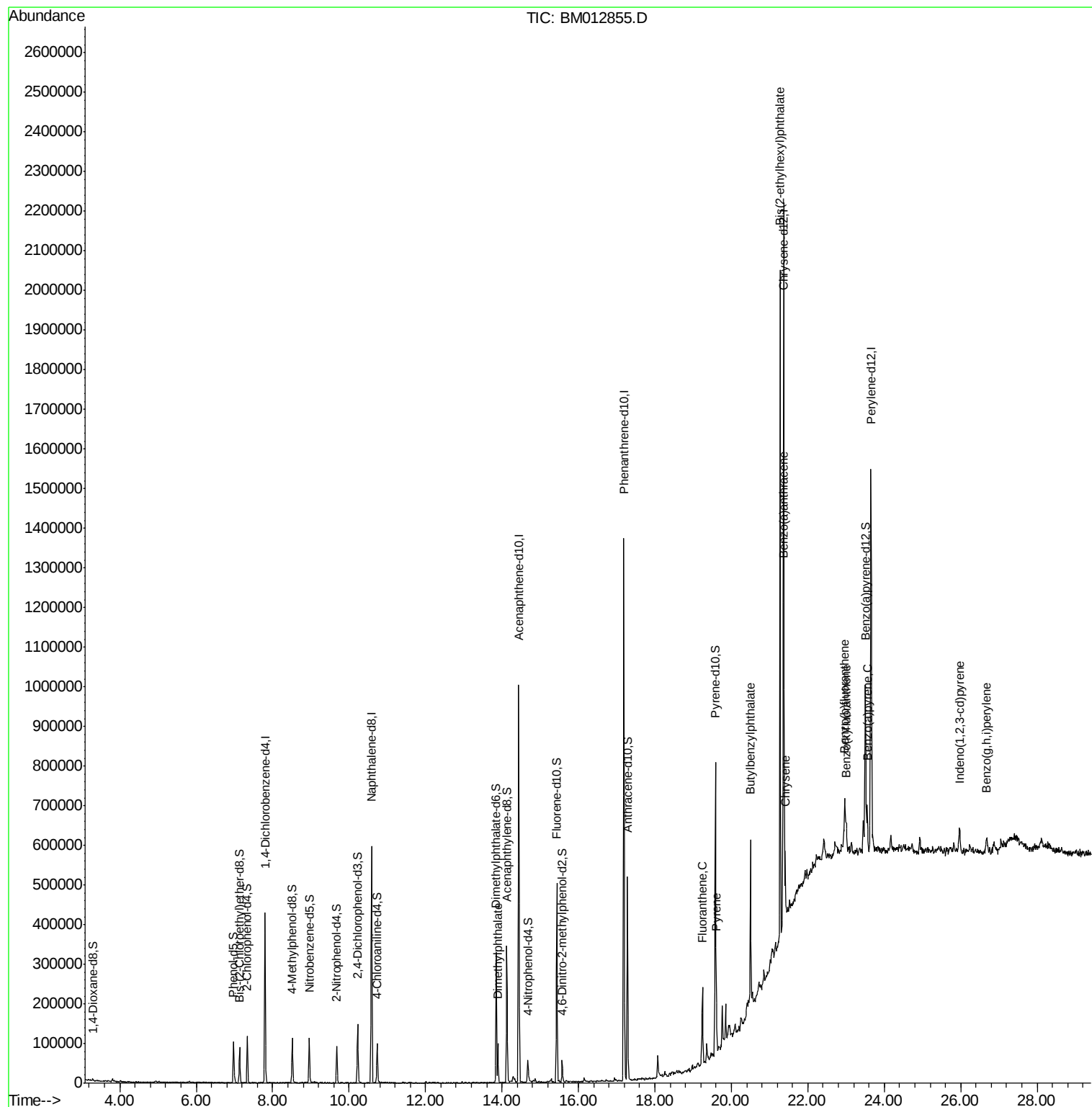
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012855.D
Acq On : 09 Nov 2017 16:22
Operator : SJ/JU
Sample : I5955-04DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

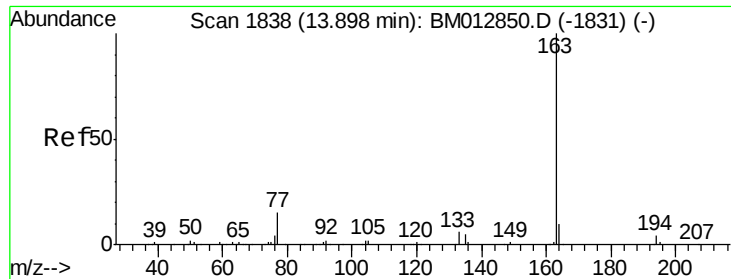
Instrument :
BNA_M
ClientSampleId :
B-17(5-6.5)-101717DL

Quant Time: Nov 09 17:49:44 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
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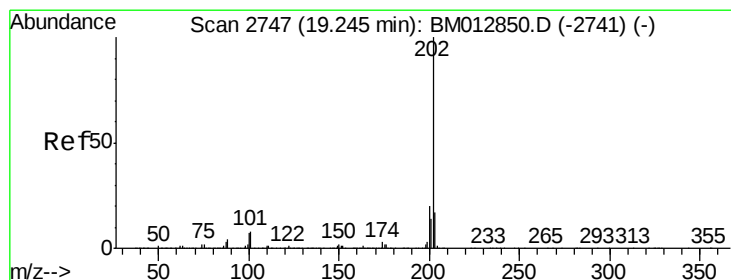
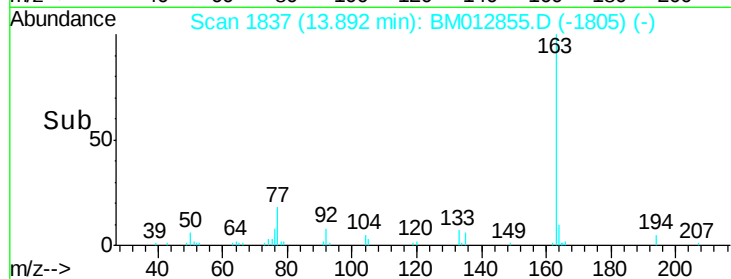
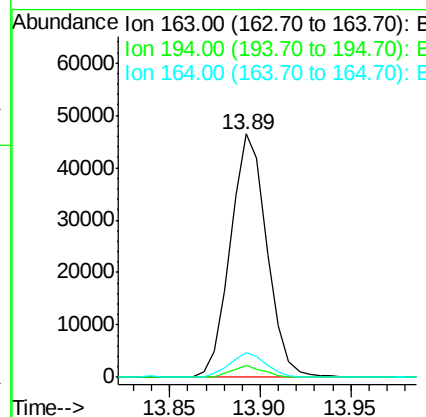
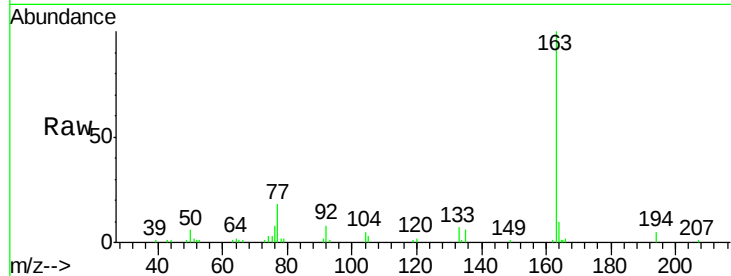
#44
Dimethylphthalate
Concen: 2.371 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012855.D
Acq: 09 Nov 2017 16:22

Instrument :
BNA_M
ClientSampleId :
B-17(5-6.5)-101717DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	64896		
194	4.8	3.2	4.8#	
164	10.4	7.8	11.8	

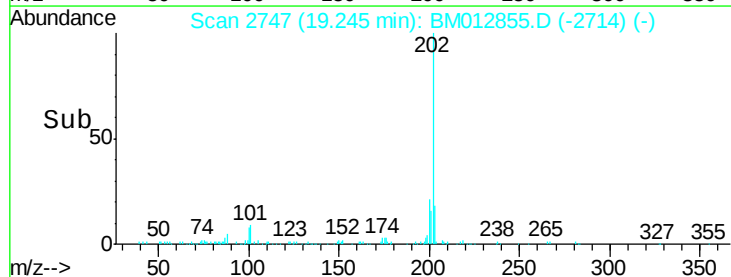
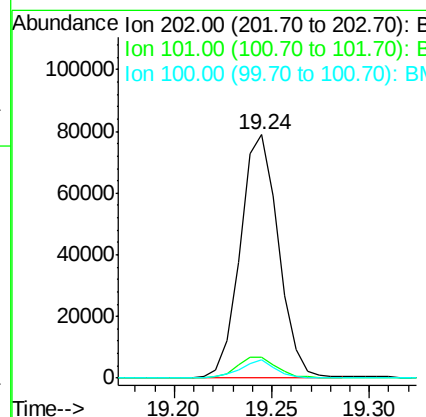
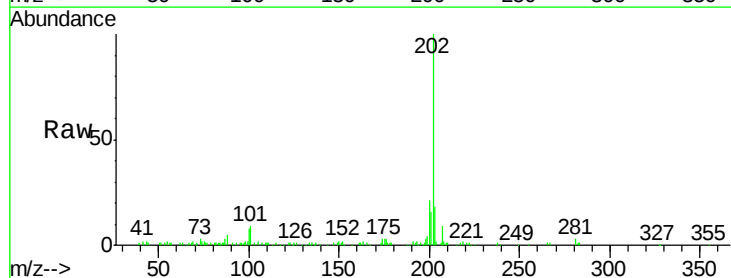
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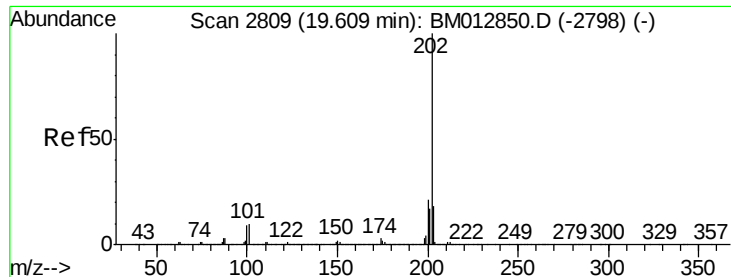
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#76
Fluoranthene
Concen: 1.997 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. -0.01 min
Lab File: BM012855.D
Acq: 09 Nov 2017 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	107199		
101	8.7	8.8	13.2#	
100	7.6	6.6	9.8	





#79

Pyrene

Concen: 2.432 ng/ul

RT: 19.61 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Instrument :

BNA_M

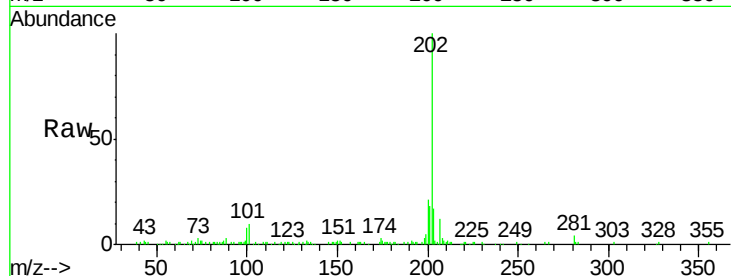
ClientSampleId :

B-17(5-6.5)-101717DL

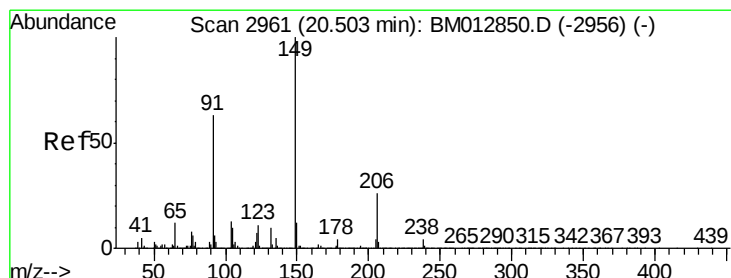
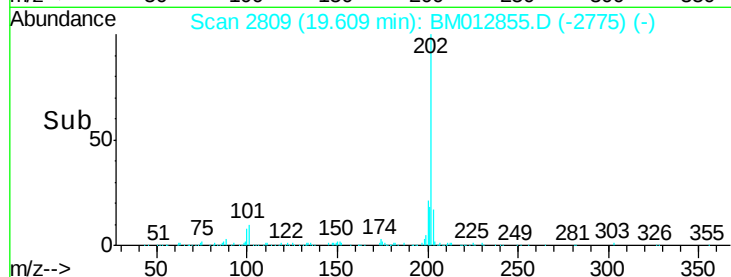
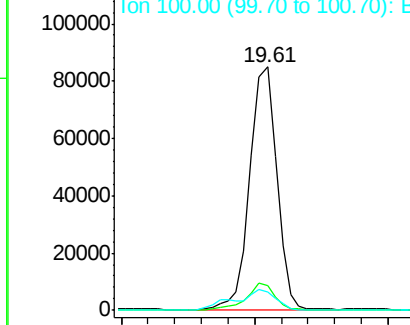
Tgt Ion:	202	Resp:	120453
Ion Ratio	Lower	Upper	
202	100		
101	10.4	10.2	15.2
100	7.8	8.5	12.7#

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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



#80

Butylbenzylphthalate

Concen: 6.372 ng/ul

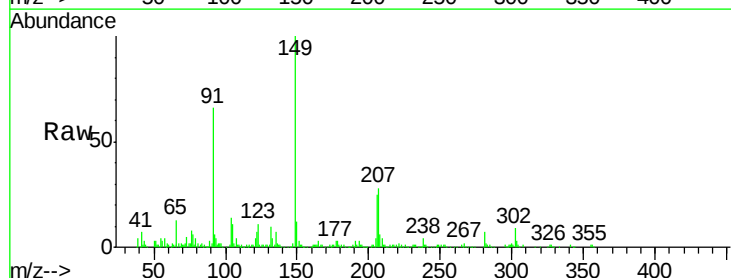
RT: 20.50 min Scan# 2960

Delta R.T. -0.01 min

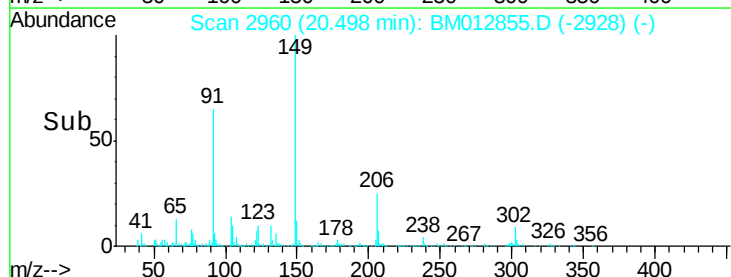
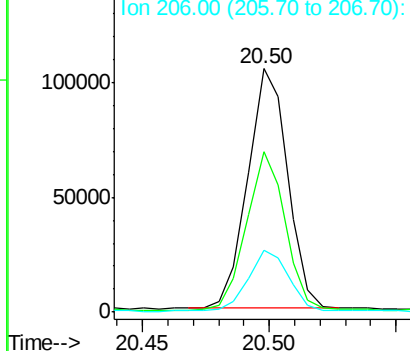
Lab File: BM012855.D

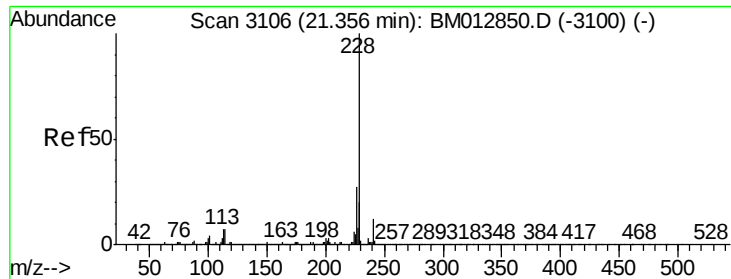
Acq: 09 Nov 2017 16:22

Tgt Ion:	149	Resp:	115073
Ion Ratio	Lower	Upper	
149	100		
91	65.8	53.4	80.2
206	25.3	16.6	24.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 1.966 ng/ul

RT: 21.35 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Instrument :

BNA_M

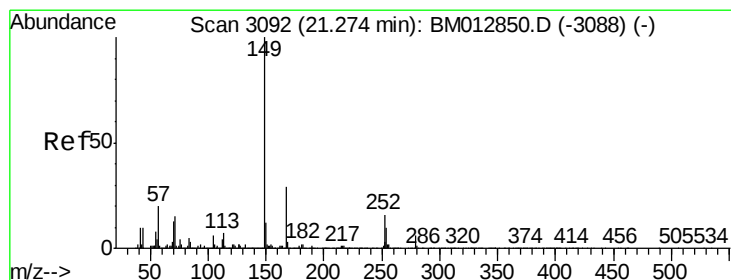
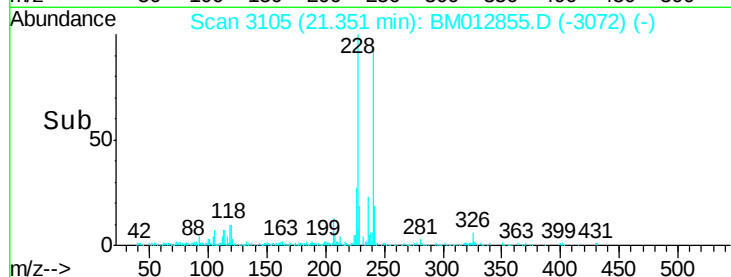
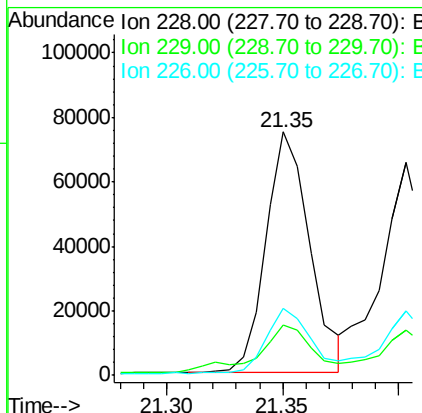
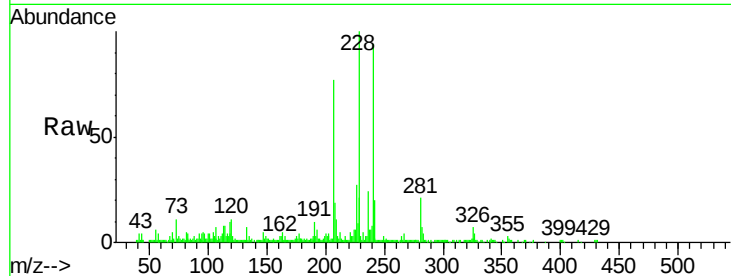
ClientSampleId :

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Tgt Ion:	228	Resp:	98756
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	27.5	21.8	32.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 22.221 ng/ul

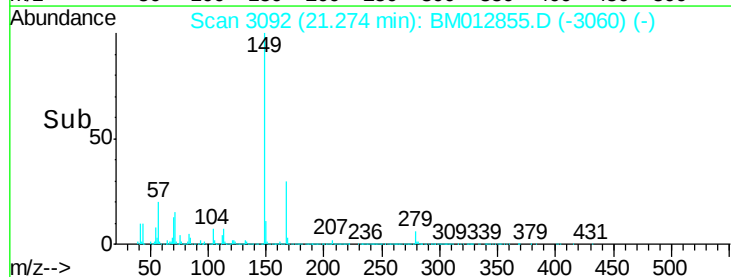
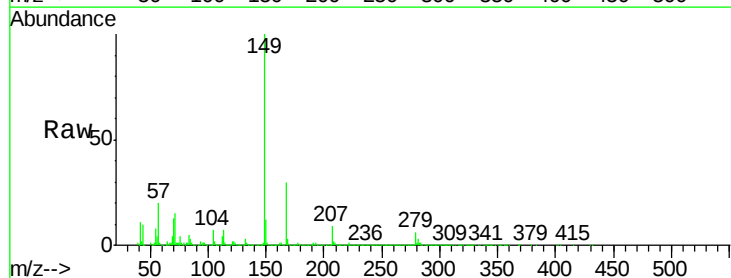
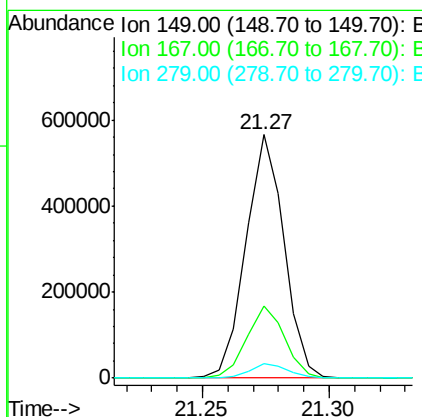
RT: 21.27 min Scan# 3092

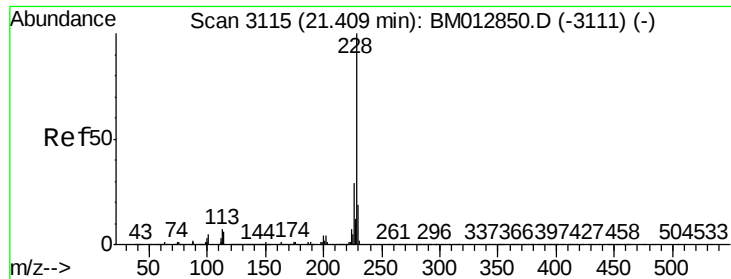
Delta R.T. -0.01 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Tgt Ion:	149	Resp:	584605
Ion Ratio	Lower	Upper	
149	100		
167	29.8	21.6	32.4
279	5.8	3.0	4.4#





#84

Chrysene

Concen: 1.908 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Instrument :

BNA_M

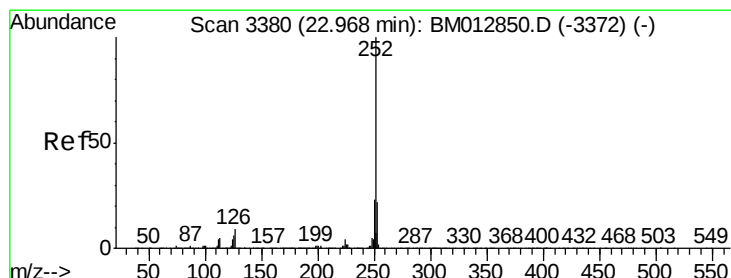
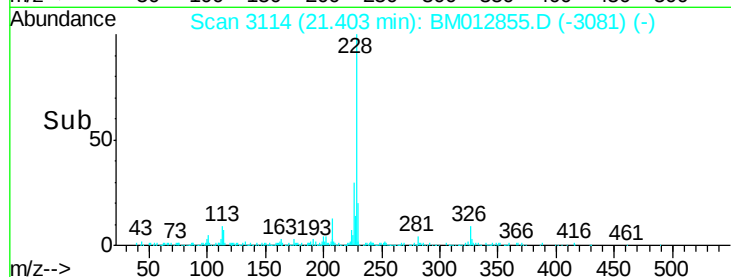
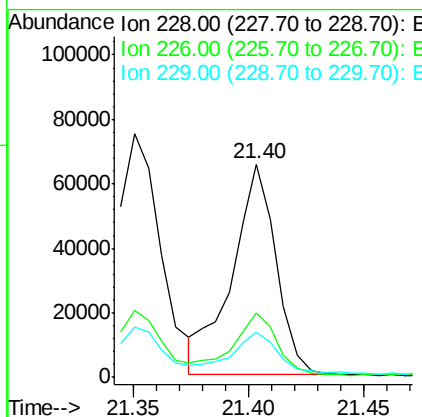
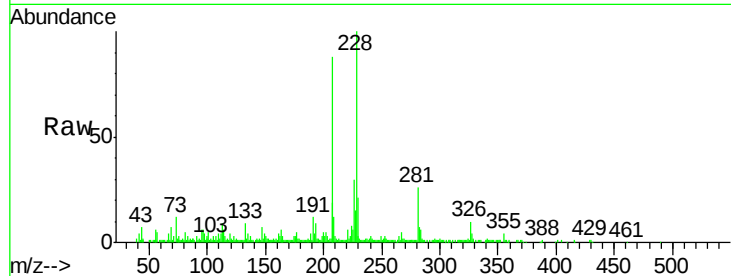
ClientSampleId :

B-17(5-6.5)-101717DL

Tgt Ion:	228	Resp:	86850
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.0	36.0
229	21.1	15.6	23.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 2.642 ng/ul

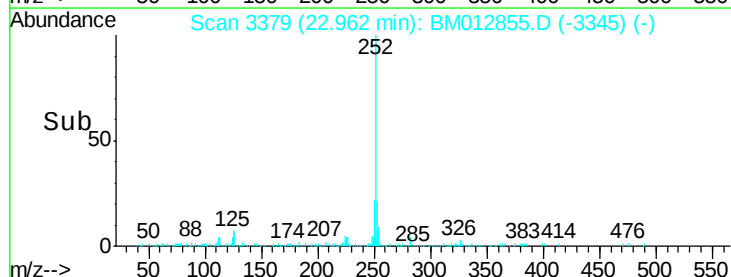
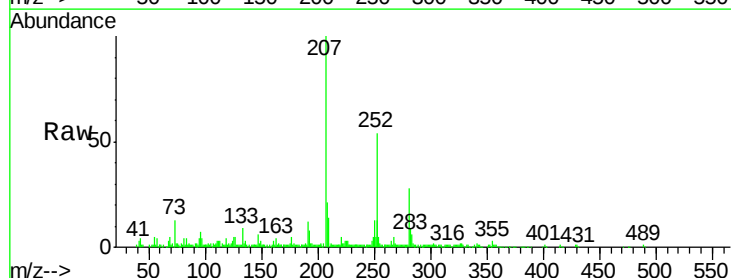
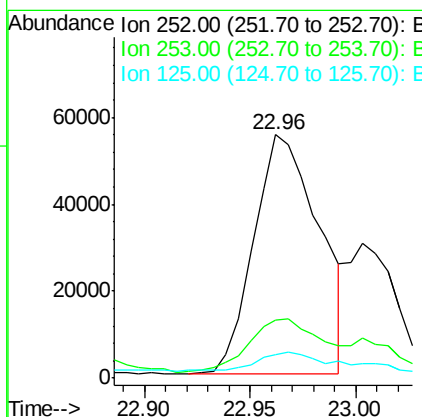
RT: 22.96 min Scan# 3379

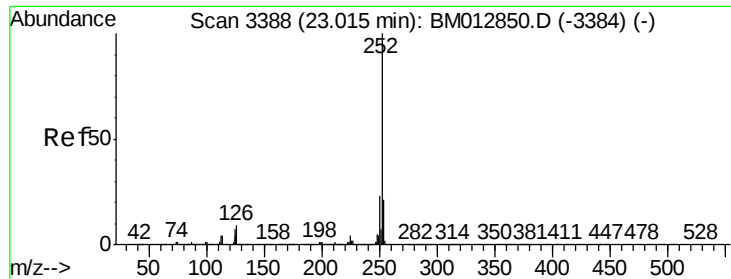
Delta R.T. -0.00 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Tgt Ion:	252	Resp:	119036
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	9.9	8.5	12.7





#88

Benzo(k)fluoranthene

Concen: 1.104 ng/ul m

RT: 23.00 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Instrument :

BNA_M

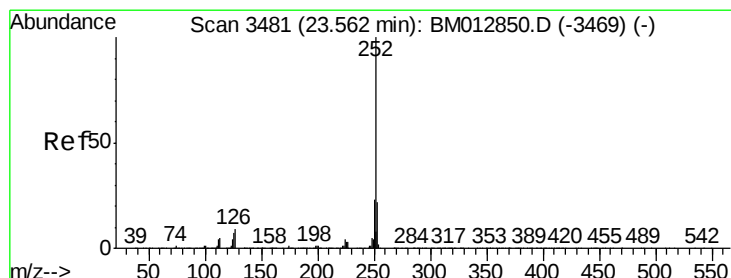
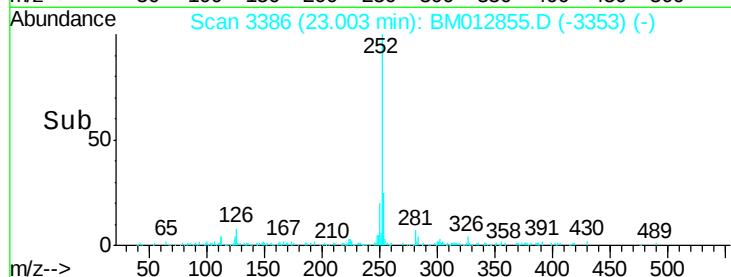
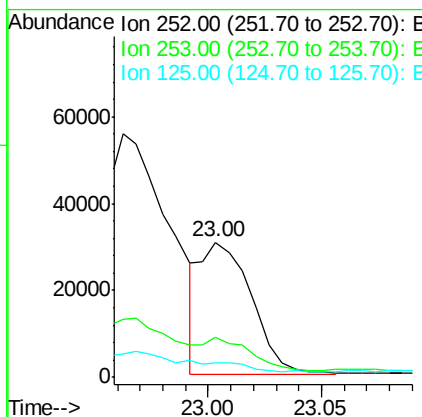
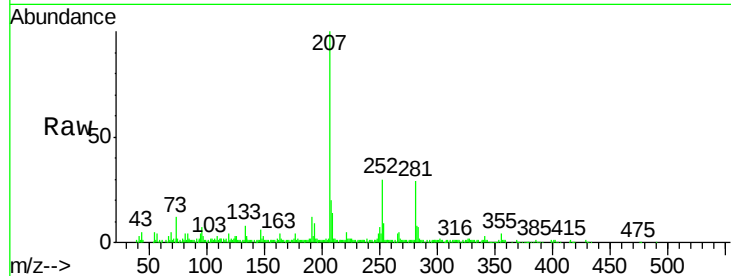
ClientSampleId :

B-17(5-6.5)-101717DL

Tgt Ion:	252	Resp:	47271
Ion Ratio	Lower	Upper	
252	100		
253	29.3	17.3	25.9#
125	10.4	8.2	12.2

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#90

Benzo(a)pyrene

Concen: 2.051 ng/ul

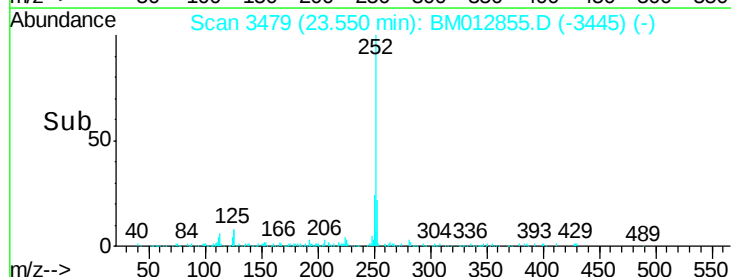
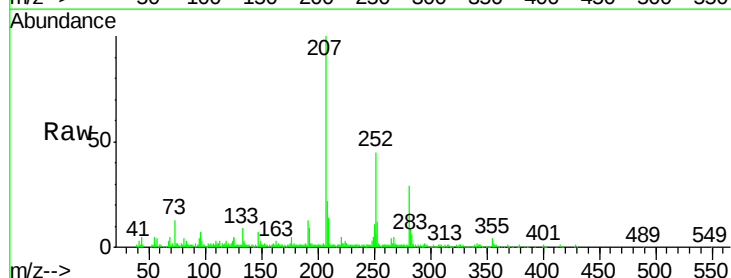
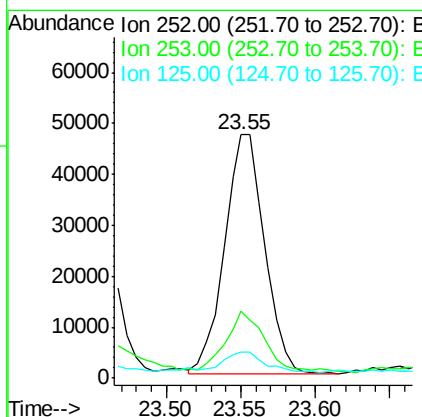
RT: 23.55 min Scan# 3479

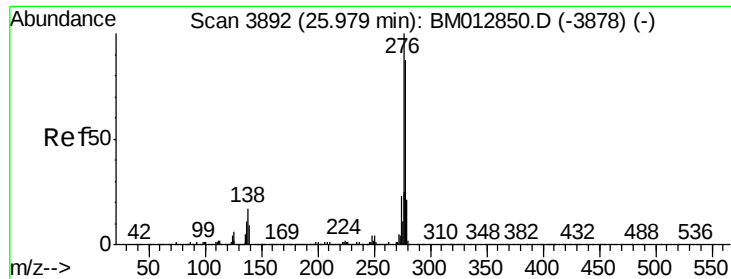
Delta R.T. -0.00 min

Lab File: BM012855.D

Acq: 09 Nov 2017 16:22

Tgt Ion:	252	Resp:	87932
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.2	25.8#
125	10.9	9.0	13.6





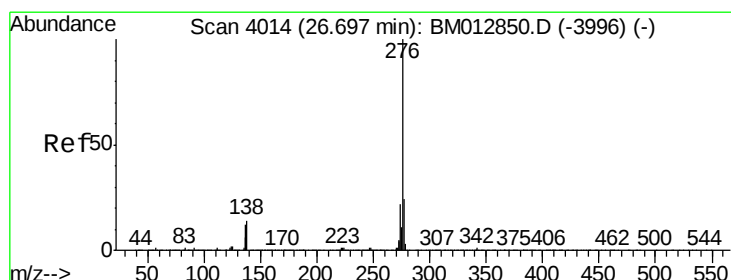
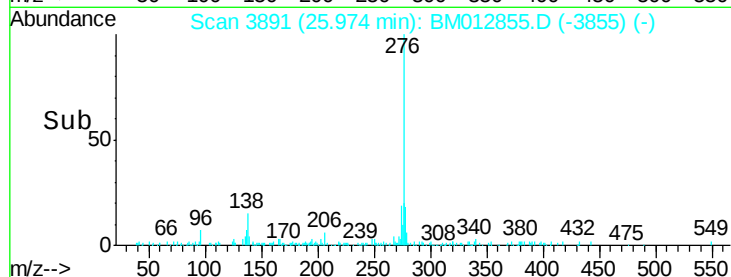
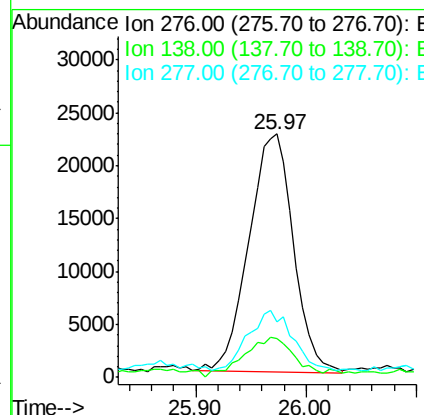
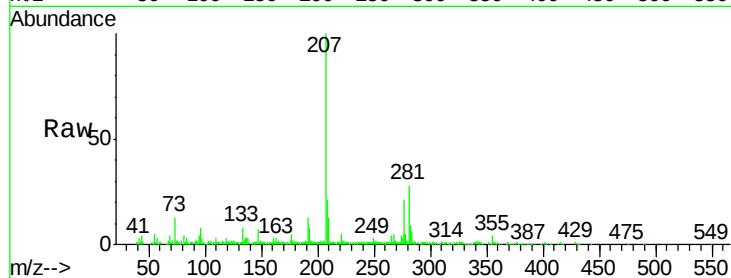
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.231 ng/ul
 RT: 25.97 min Scan# 3891
 Delta R.T. 0.01 min
 Lab File: BM012855.D
 Acq: 09 Nov 2017 16:22

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	22.3	33.5#
277	22.8	20.2	30.2

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 11/9/2017 6:00:33 PM



#93
 Benzo(g,h,i)perylene
 Concen: 1.256 ng/ul
 RT: 26.69 min Scan# 4012
 Delta R.T. 0.02 min
 Lab File: BM012855.D
 Acq: 09 Nov 2017 16:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	18.9	28.3#
277	23.9	19.2	28.8

