

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012445.D
 Acq On : 25 Oct 2017 14:53
 Operator : SJ/JU
 Sample : I5719-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-36(0-1)-100417

Manual Integrations
 APPROVED

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 10/27/2017 8:53:55 AM

Quant Time: Oct 26 04:23:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	744820	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	3038352	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1840023	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	3849039	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3116240	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3325161	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	39305m	2.70	ng/uL	0.00
5) Phenol-d5	7.05	99	978496	15.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	607040	16.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	808429	17.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	725988	13.65	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	398530	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	441296	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	871371	16.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	307318	5.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2756616	17.15	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	3395931	17.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	288272	12.06	ng/ul	0.01
57) Fluorene-d10	15.50	176	2377091	17.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	78953	4.24	ng/ul	0.01
70) Anthracene-d10	17.35	188	3340057	18.21	ng/ul	0.00
76) Pyrene-d10	19.64	212	2966136	20.75	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	2786069	17.64	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.08	94	183130	2.827	ng/ul	88
28) Naphthalene	10.72	128	756878	5.024	ng/ul	99
34) 2-Methylnaphthalene	12.33	142	231848	1.895	ng/ul	97
69) Phenanthrene	17.29	178	776733	3.732	ng/ul	99
71) Anthracene	17.39	178	279149	1.298	ng/ul	99
74) Fluoranthene	19.30	202	2053361	8.706	ng/ul#	95
77) Pyrene	19.66	202	1804517	10.183	ng/ul#	94
78) Butylbenzylphthalate	20.56	149	508072	7.277	ng/ul	93
80) Benzo(a)anthracene	21.40	228	1162867	6.232	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.34	149	1252744	11.793	ng/ul	99
82) Chrysene	21.46	228	1109054	6.685	ng/ul	97
85) Benzo(b)fluoranthene	23.03	252	1949765	9.486	ng/ul#	93
86) Benzo(k)fluoranthene	23.07	252	735178m	3.800	ng/ul	
88) Benzo(a)pyrene	23.63	252	1354604	6.912	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.08	276	1254907	5.441	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.09	278	324142	1.658	ng/ul#	78
91) Benzo(g,h,i)perylene	26.80	276	1233224	6.597	ng/ul#	92

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

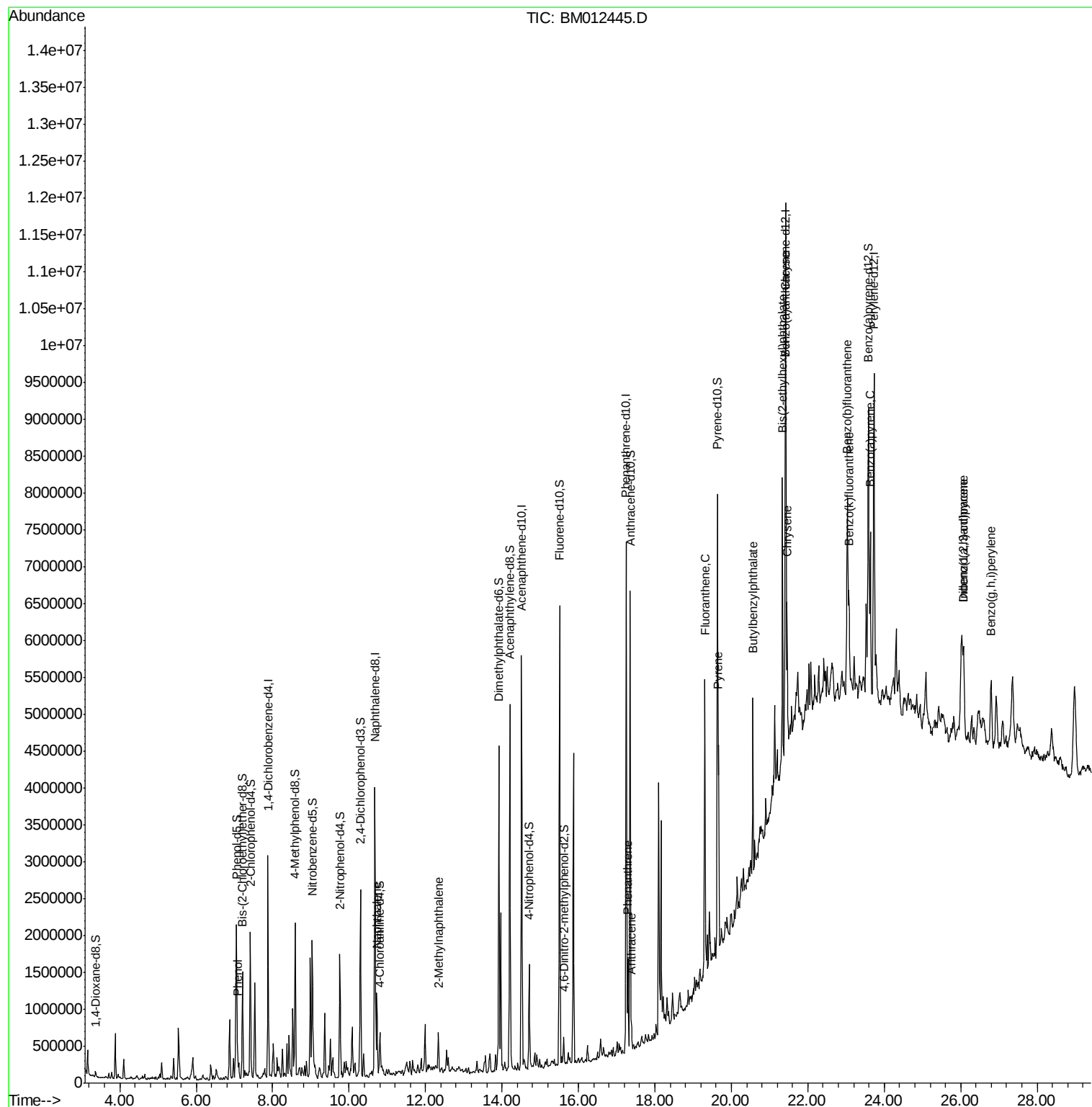
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012445.D
Acq On : 25 Oct 2017 14:53
Operator : SJ/JU
Sample : I5719-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

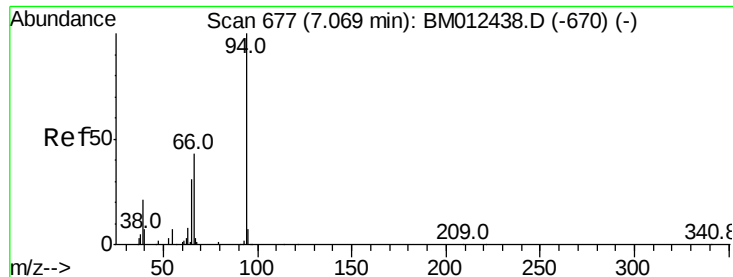
Instrument :
BNA_M
ClientSampleId :
B-36(0-1)-100417

Quant Time: Oct 26 04:23:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Manual Integrations
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#6

Phenol

Concen: 2.827 ng/ul

RT: 7.08 min Scan# 679

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

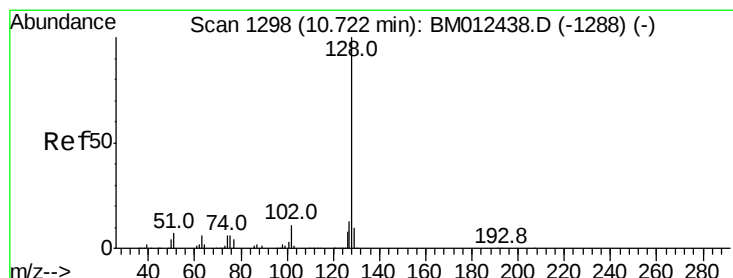
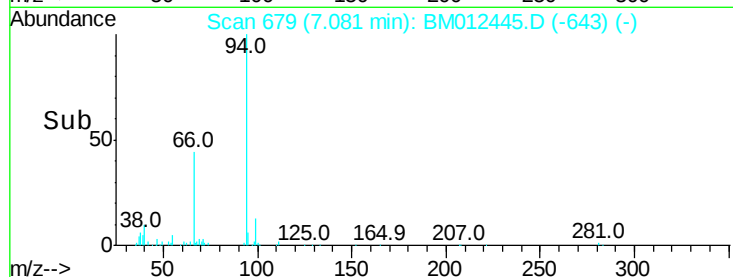
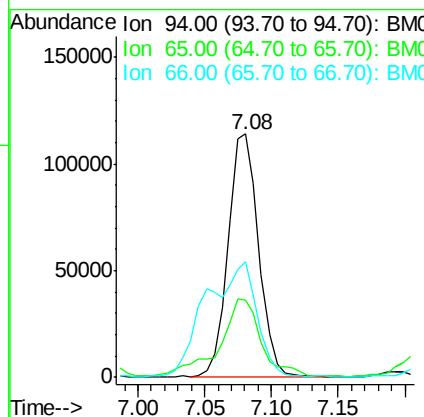
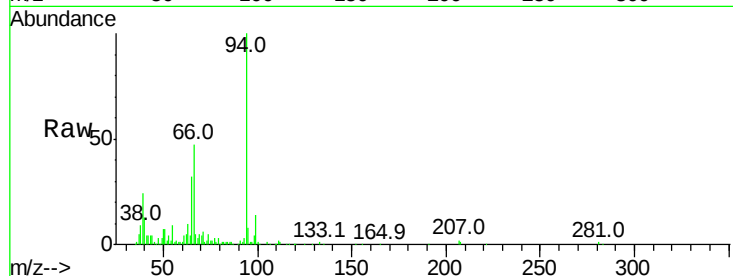
ClientSampleId :

B-36(0-1)-100417

Tot Ion	94	Resp	183130
Ion Ratio	Lower	Upper	
94	100		
65	32.0	28.2	42.4
66	47.3	47.2	70.8

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#28

Naphthalene

Concen: 5.024 ng/ul

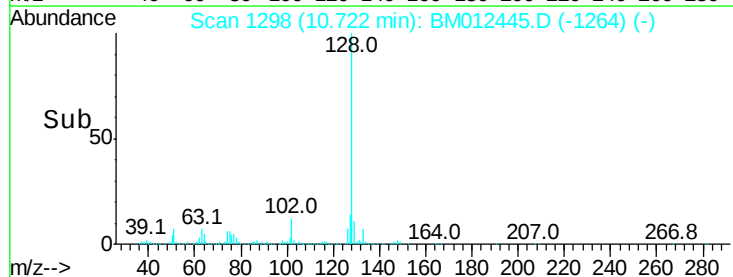
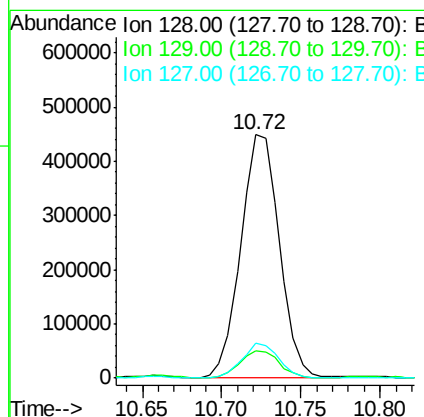
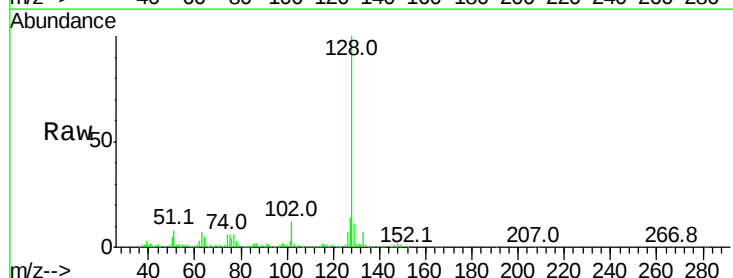
RT: 10.72 min Scan# 1298

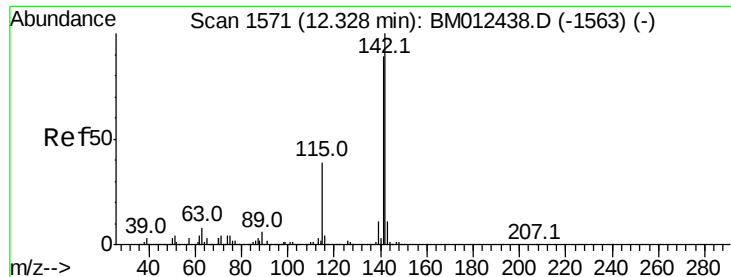
Delta R.T. -0.00 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Tgt Ion	128	Resp	756878
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	14.1	10.6	16.0





#34

2-Methylnaphthalene

Concen: 1.895 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

ClientSampleId :

B-36(0-1)-100417

Tot Ion:142 Resp: 231848

Ion Ratio Lower Upper

142 100

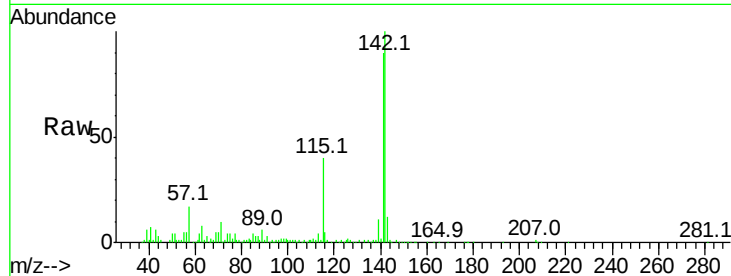
141 90.2 74.1 111.1

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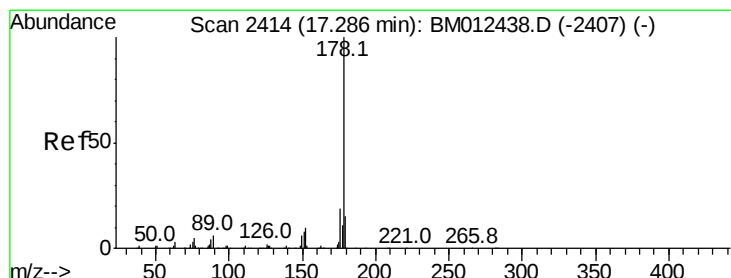
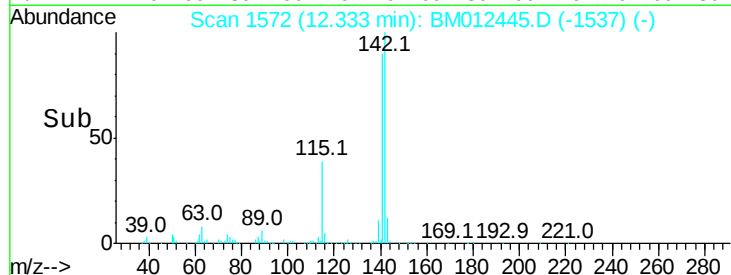
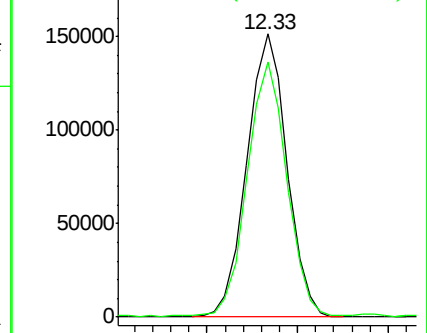
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#69

Phenanthrene

Concen: 3.732 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

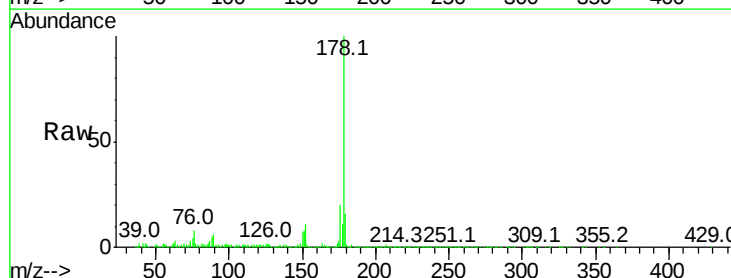
Tgt Ion:178 Resp: 776733

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

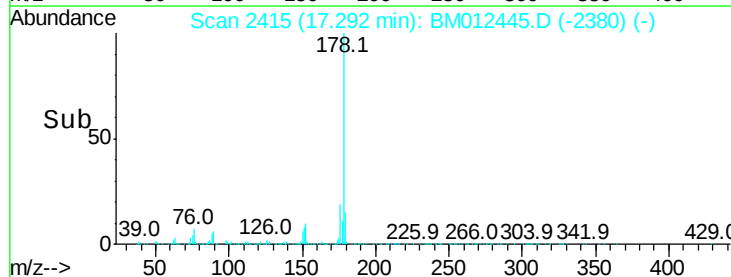
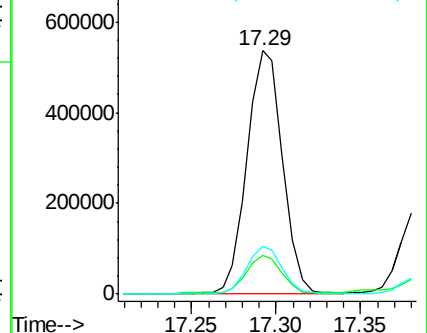
176 19.6 14.9 22.3

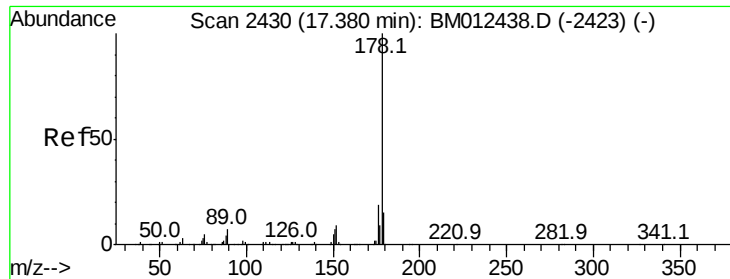


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.298 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

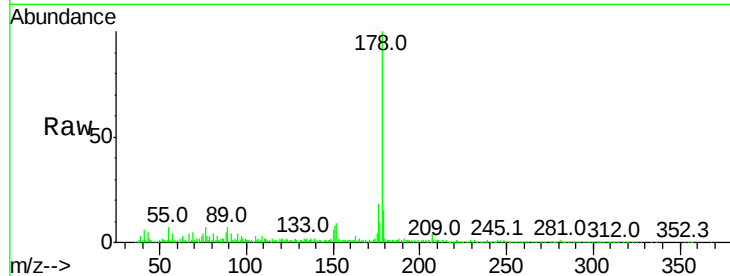
ClientSampleId :

B-36(0-1)-100417

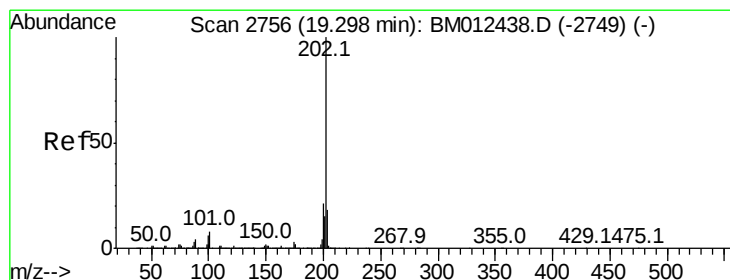
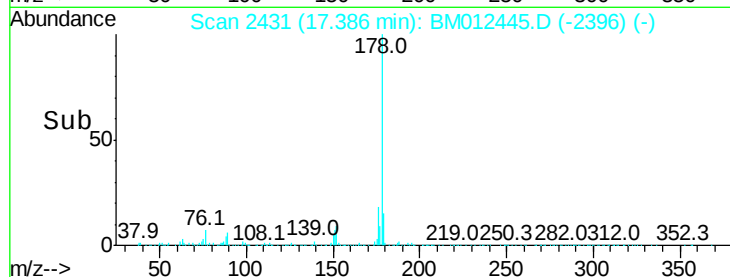
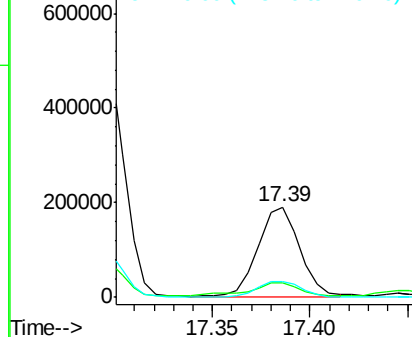
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	18.1	14.6	21.8

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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



#74

Fluoranthene

Concen: 8.706 ng/ul

RT: 19.30 min Scan# 2757

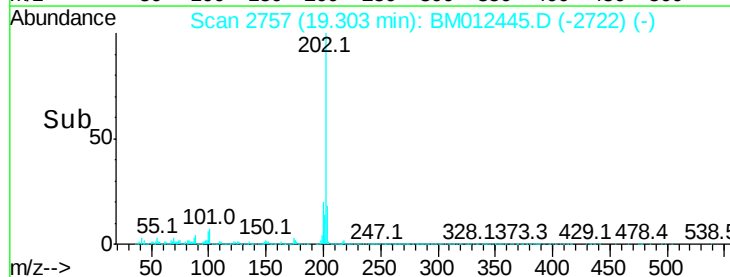
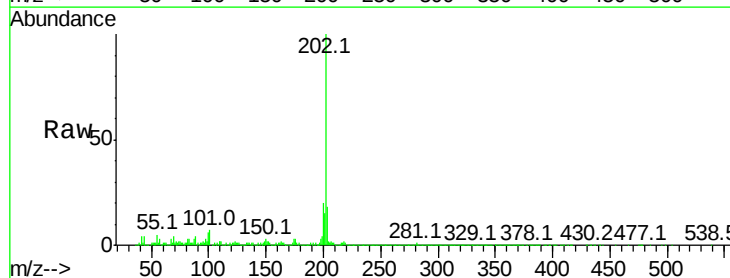
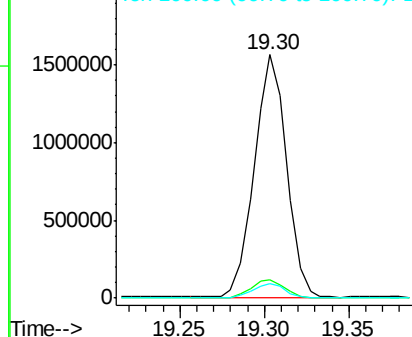
Delta R.T. 0.01 min

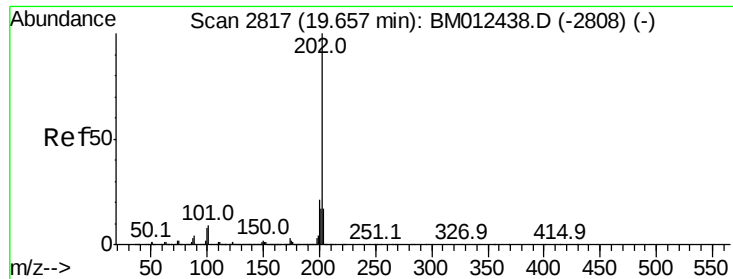
Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	5.9	3.4	5.2#

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

Pvrene

Concen: 10.183 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

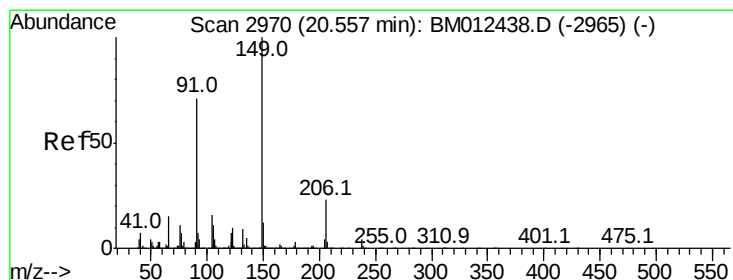
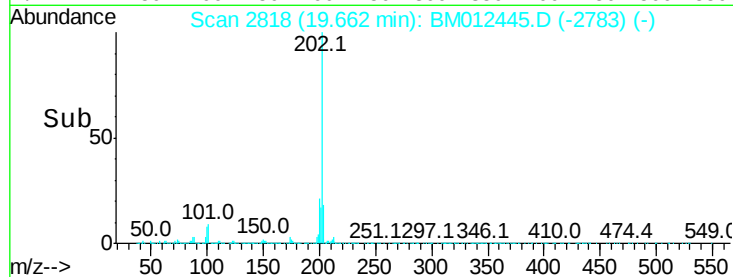
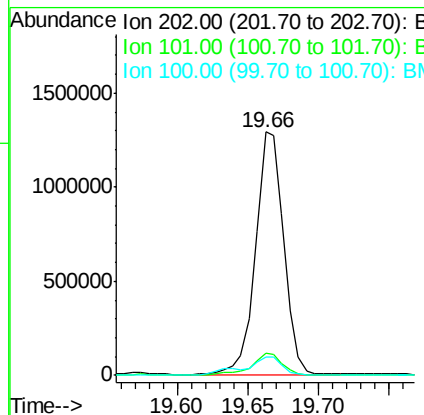
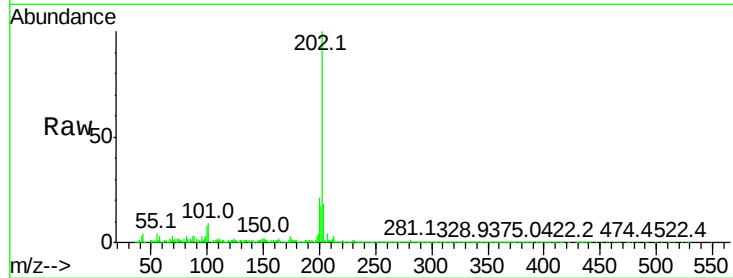
ClientSampleId :

B-36(0-1)-100417

Tot Ion:	202	Resp:	1804517
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#

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#78

Butylbenzylphthalate

Concen: 7.277 ng/ul

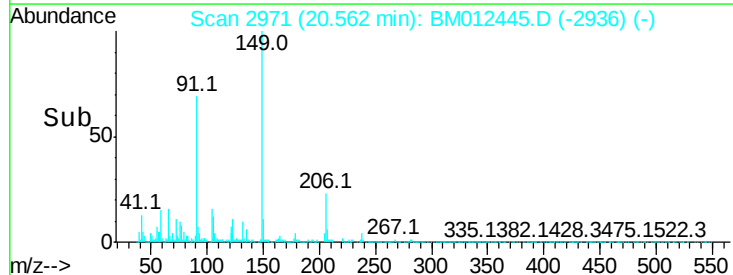
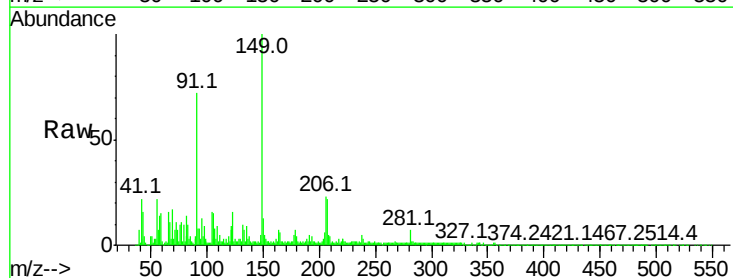
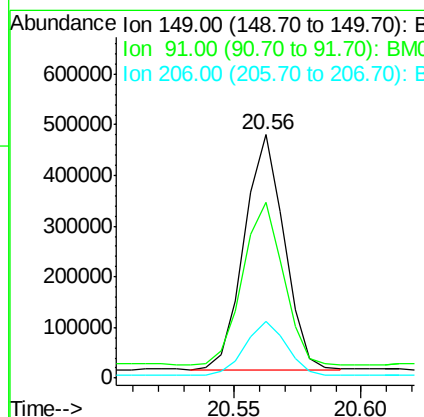
RT: 20.56 min Scan# 2971

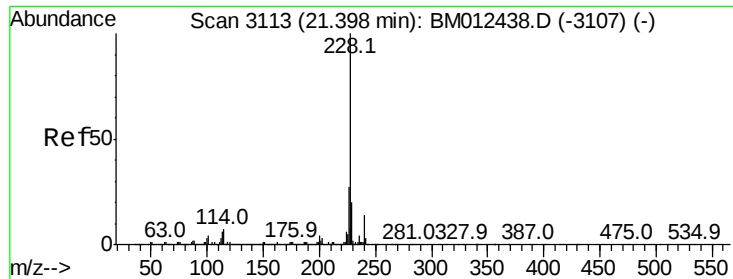
Delta R.T. 0.01 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Tgt Ion:	149	Resp:	508072
Ion Ratio	Lower	Upper	
149	100		
91	72.3	62.7	94.1
206	23.4	20.8	31.2





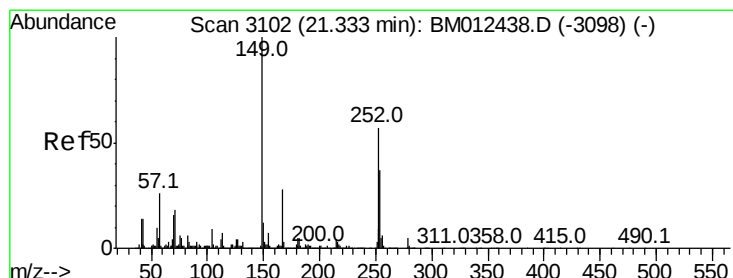
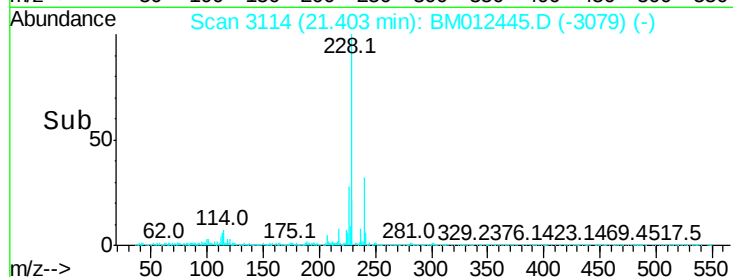
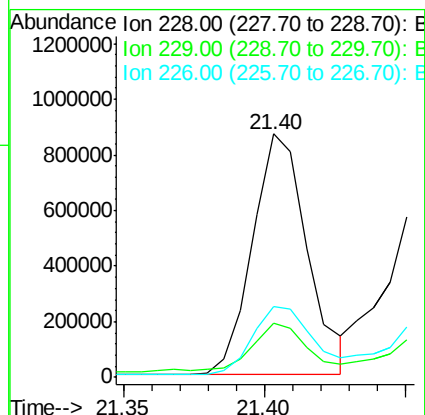
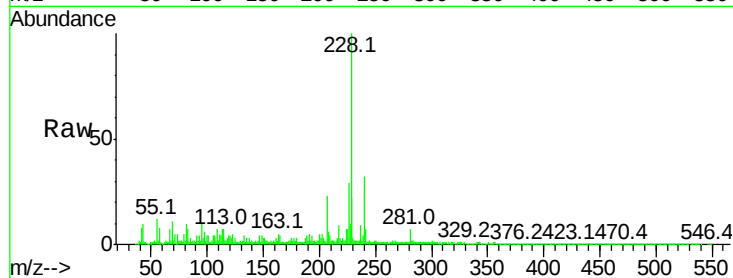
#80
Benzo(a)anthracene
Concen: 6.232 ng/ul
RT: 21.40 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Instrument :
BNA_M
ClientSampleId :
B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.4	23.0
226	29.1	21.4	32.0

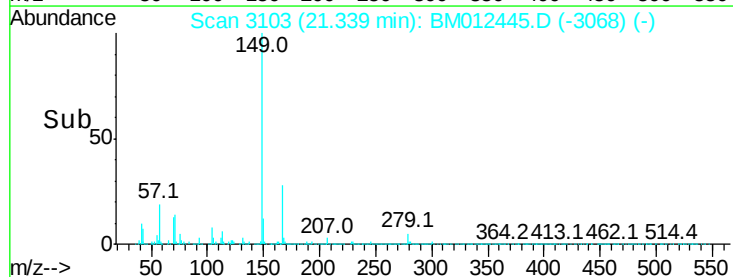
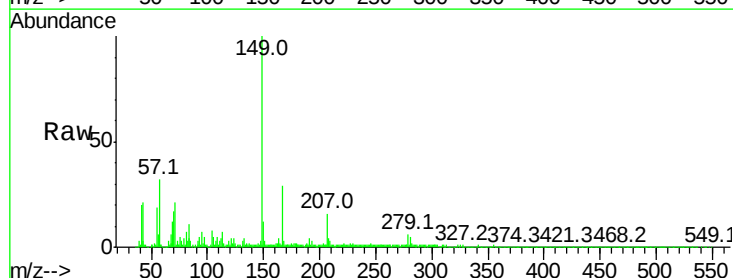
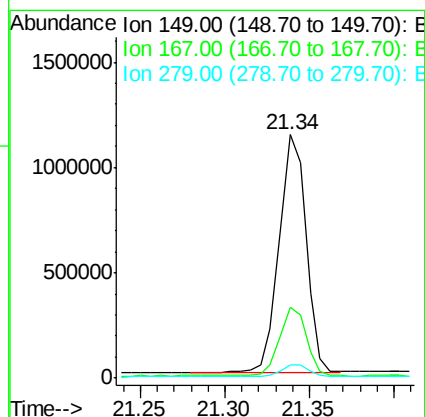
Manual Integrations
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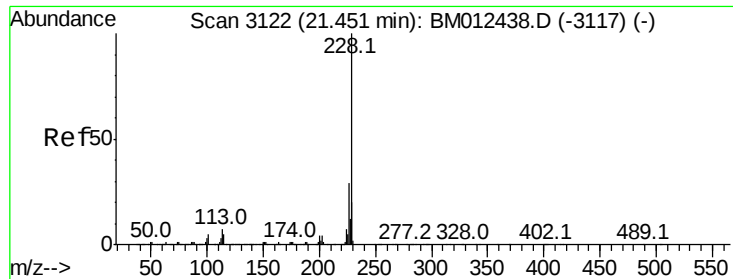
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#81
Bis(2-ethylhexyl)phthalate
Concen: 11.793 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.8	34.2
279	5.6	4.9	7.3





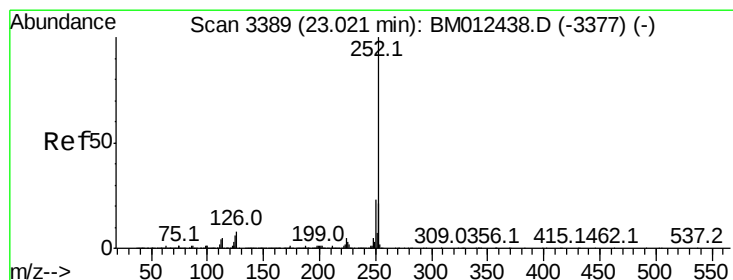
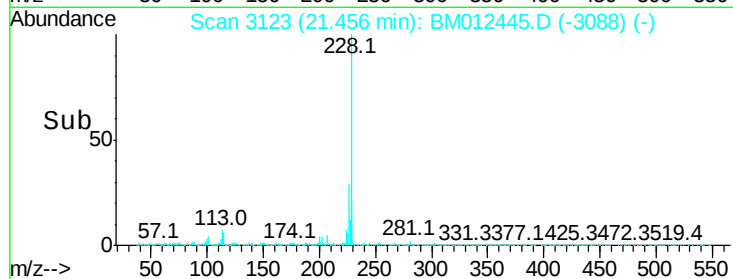
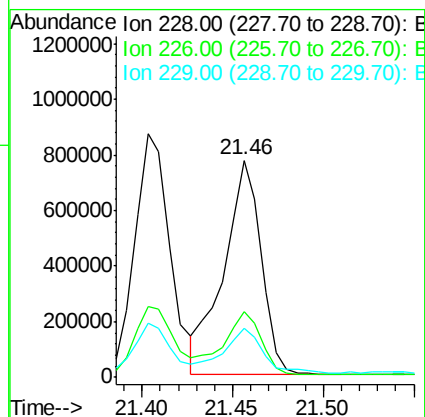
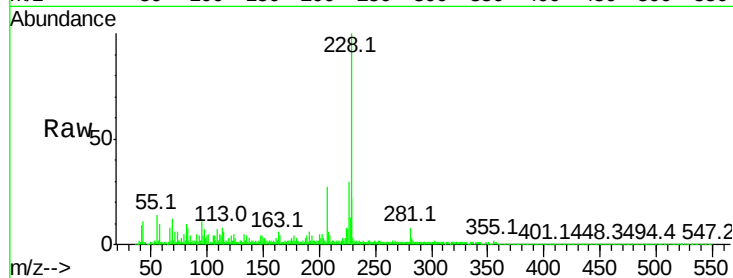
#82
Chrysene
Concen: 6.685 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Instrument :
BNA_M
ClientSampleId :
B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.4	15.5	23.3

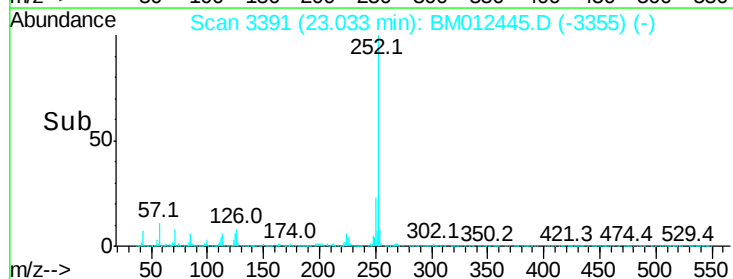
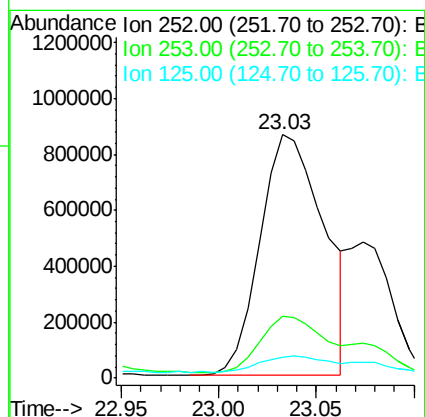
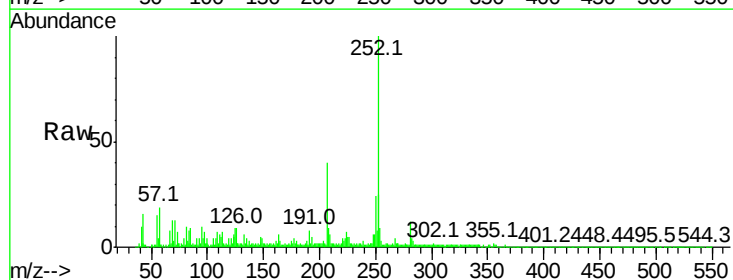
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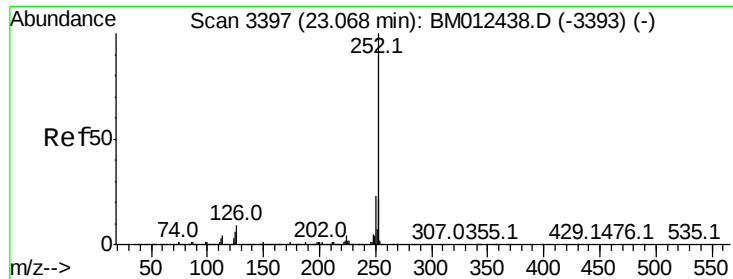
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#85
Benzo(b)fluoranthene
Concen: 9.486 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	8.6	3.6	5.4





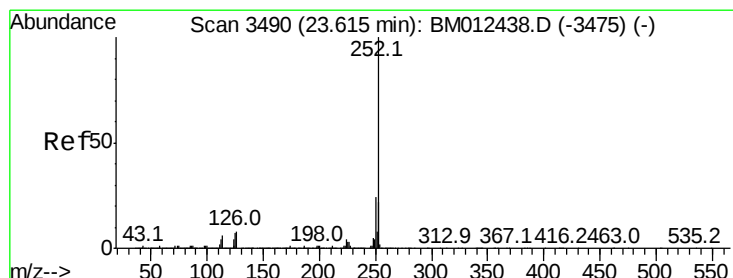
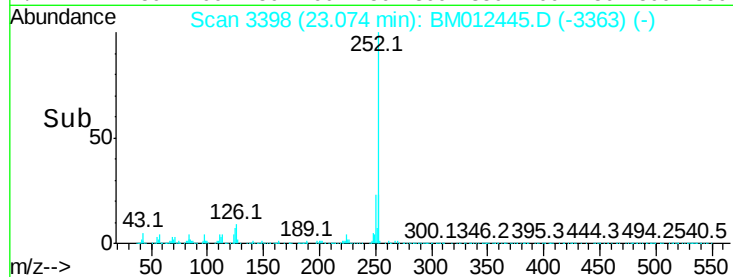
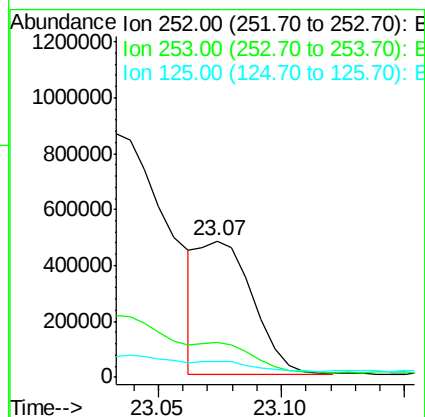
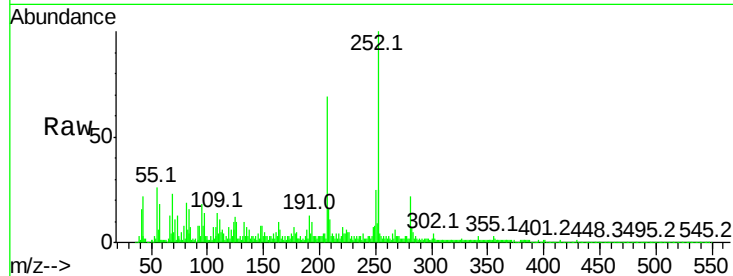
#86
Benzo(k)fluoranthene
Concen: 3.800 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Instrument :
BNA_M
ClientSampleId :
B-36(0-1)-100417

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	11.8	3.4	5.2#

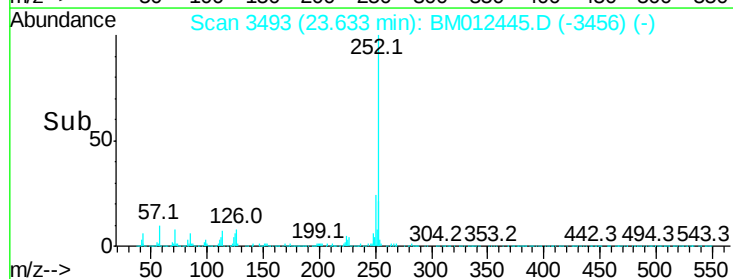
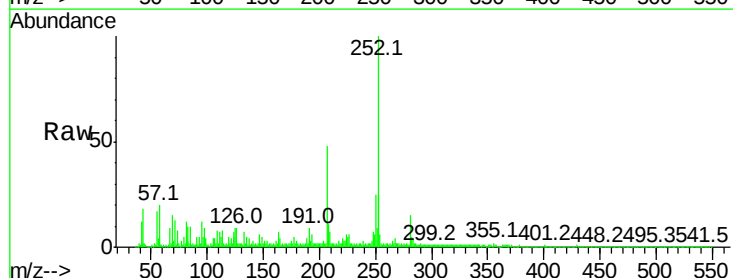
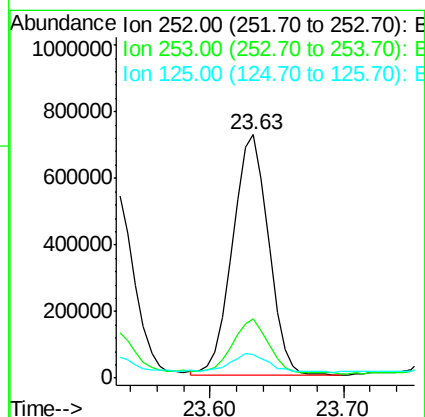
Manual Integrations
APPROVED

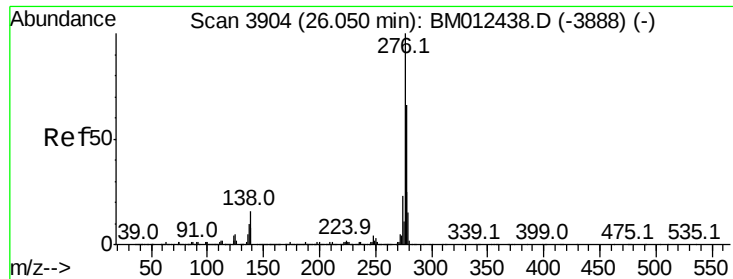
Sohil
10/27/2017 8:53:55 AM



#88
Benzo(a)pyrene
Concen: 6.912 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.02 min
Lab File: BM012445.D
Acq: 25 Oct 2017 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.2	27.2
125	9.4	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 5.441 ng/ul

RT: 26.08 min Scan# 3909

Delta R.T. 0.03 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Instrument :

BNA_M

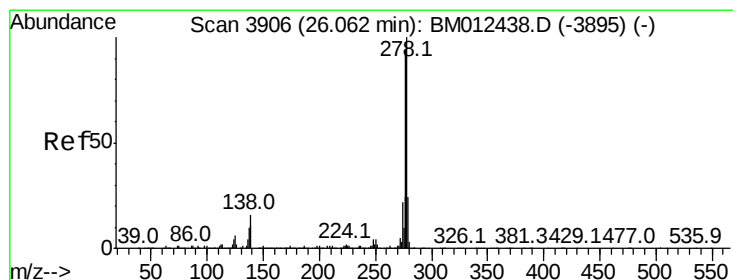
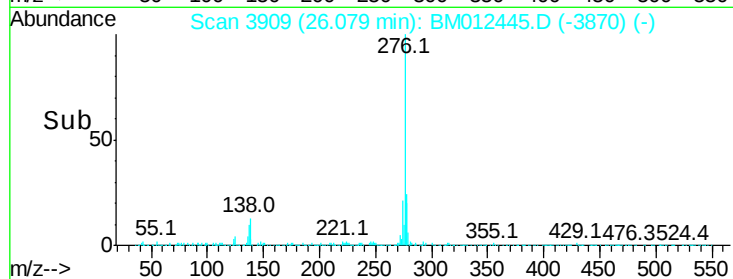
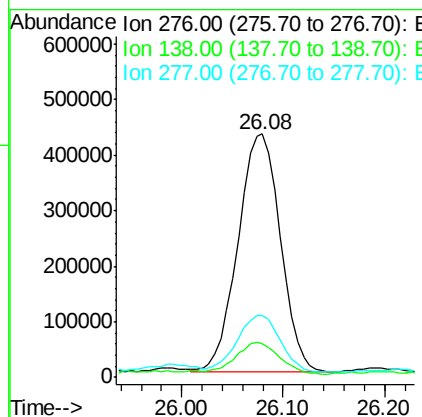
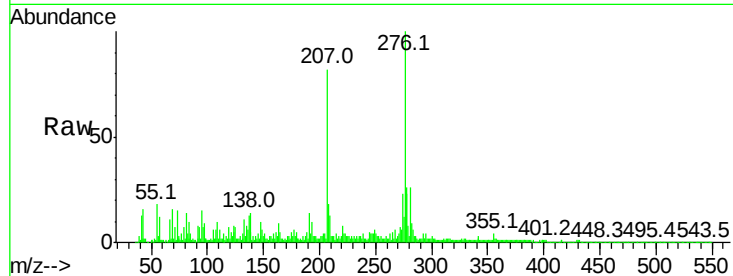
ClientSampleId :

B-36(0-1)-100417

Tot Ion:	276	Resp:	1254907
Ion Ratio		Lower	Upper
276	100		
138	14.0	9.3	13.9#
277	25.7	19.9	29.9

Manual Integrations
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Sohil
10/27/2017 8:53:55 AM



#90

Dibenzo(a,h)anthracene

Concen: 1.658 ng/ul

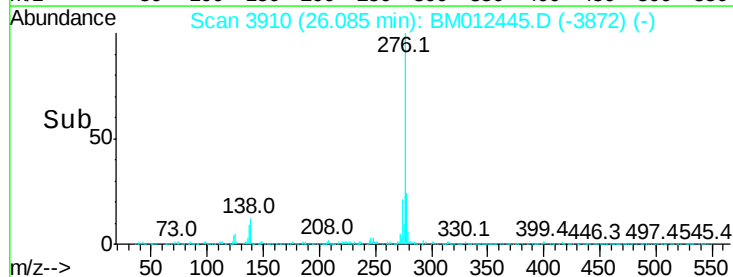
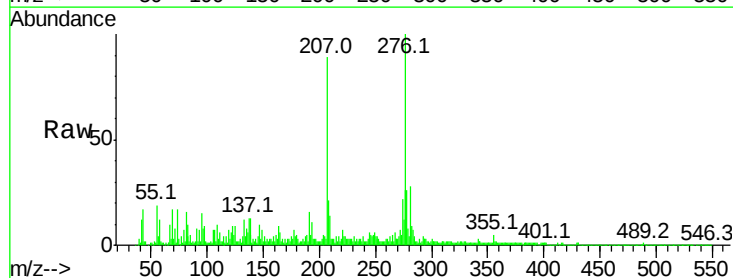
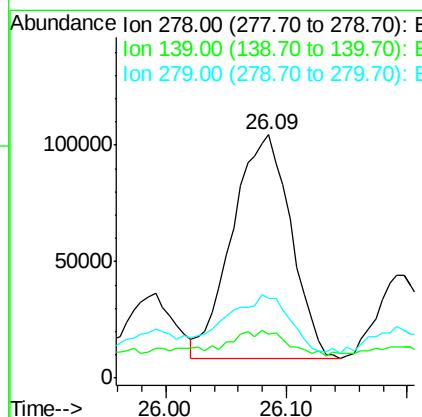
RT: 26.09 min Scan# 3910

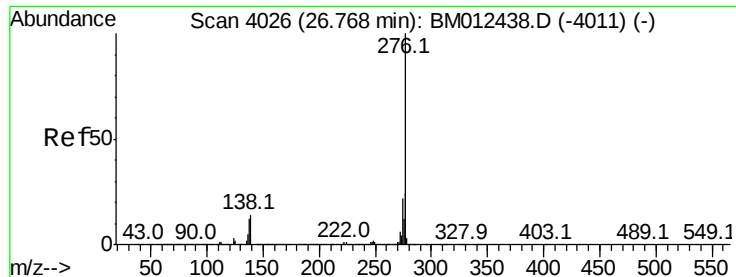
Delta R.T. 0.02 min

Lab File: BM012445.D

Acq: 25 Oct 2017 14:53

Tgt Ion:	278	Resp:	324142
Ion Ratio		Lower	Upper
278	100		
139	18.1	5.8	8.8#
279	32.8	18.6	27.8#





#91
 Benzo(a,h,i)perylene
 Concen: 6.597 ng/ul
 RT: 26.80 min Scan# 4031
 Delta R.T. 0.03 min
 Lab File: BM012445.D
 Acq: 25 Oct 2017 14:53

Instrument :
 BNA_M
 ClientSampleId :
 B-36(0-1)-100417

Tot Ion:	276	Resp:	1233224
Ion Ratio	Lower	Upper	
276	100		
138	15.2	8.5	12.7#
277	26.5	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:53:55 AM

