

Data File : BM012302.D
Acq On : 19 Oct 2017 05:01
Operator : SJ/JU
Sample : I5693-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-32(1-2)-100417

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:56 PM

Quant Time: Oct 19 15:20:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	292893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1193881	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	648318	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1244695	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1558324	20.00	ng/ul	0.02
83) Perylene-d12	23.70	264	1555538	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	16591	2.69	ng/uL	0.00
5) Phenol-d5	6.96	99	367335	15.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	230776	16.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	330402	16.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	308692	15.09	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	156116	17.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	180272	16.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	326121	16.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	1302	0.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.85	166	1004523	17.53	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1204614	17.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	167557m	19.45	ng/ul	0.04
57) Fluorene-d10	15.43	176	796157	16.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	46604	5.46	ng/ul	0.01
70) Anthracene-d10	17.29	188	1071090	17.40	ng/ul	0.00
76) Pyrene-d10	19.59	212	1290863	16.32	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.55	264	1269938	16.93	ng/ul	0.04

Target Compounds

					Qvalue	
4) Benzaldehyde	6.93	77	20725	1.305	ng/ul#	76
6) Phenol	6.99	94	101179	4.119	ng/ul	92
11) 2-Methylphenol	8.24	108	38110	2.063	ng/ul	100
14) Acetophenone	8.61	105	37218	1.197	ng/ul#	84
28) Naphthalene	10.63	128	157400	2.548	ng/ul	97
44) Dimethylphthalate	13.89	163	403139	7.022	ng/ul	99
47) Acenaphthylene	14.16	152	138563	2.034	ng/ul	94
49) Acenaphthene	14.50	153	70769	1.543	ng/ul	98
53) Dibenzofuran	14.83	168	82702	1.252	ng/ul	91
58) Fluorene	15.49	166	76956	1.403	ng/ul#	91
69) Phenanthrene	17.23	178	1721121	24.307	ng/ul	98
71) Anthracene	17.32	178	321270	4.383	ng/ul	95
72) Carbazole	17.60	167	164091	2.645	ng/ul#	83
74) Fluoranthene	19.26	202	4147632	48.538	ng/ul#	92
77) Pyrene	19.62	202	4152458	40.349	ng/ul#	93
80) Benzo(a)anthracene	21.37	228	2082190	20.535	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.27	149	301522	4.386	ng/ul	91
82) Chrysene	21.42	228	2195543	23.063	ng/ul#	95
85) Benzo(b)fluoranthene	23.00	252	3528452	34.759	ng/ul#	91
86) Benzo(k)fluoranthene	23.04	252	925826m	9.464	ng/ul	
88) Benzo(a)pyrene	23.60	252	2376055	24.834	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.06	276	1700318	16.735	ng/ul	98
90) Dibenzo(a,h)anthracene	26.06	278	394370	4.617	ng/ul#	71

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101817\
Quantitation Report (LSC Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.80	276	1367720	16.436	ng/ul#	92

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

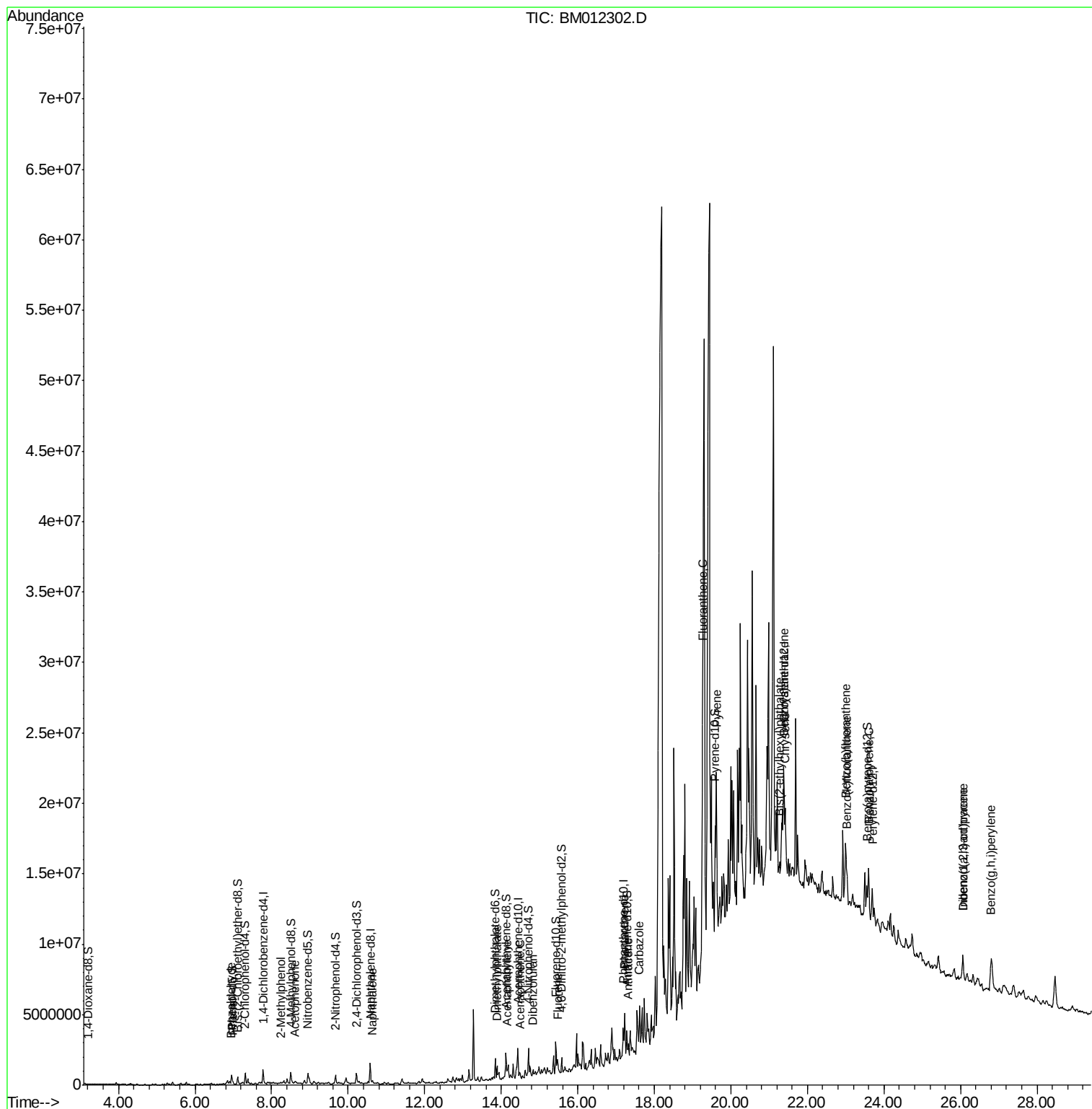
Data File : BM012302.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

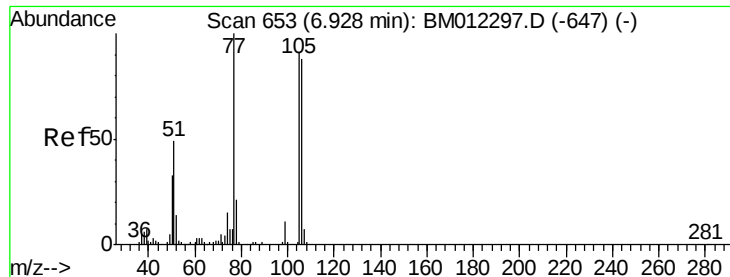
Instrument :
BNA_M
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Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.305 ng/ul

RT: 6.93 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

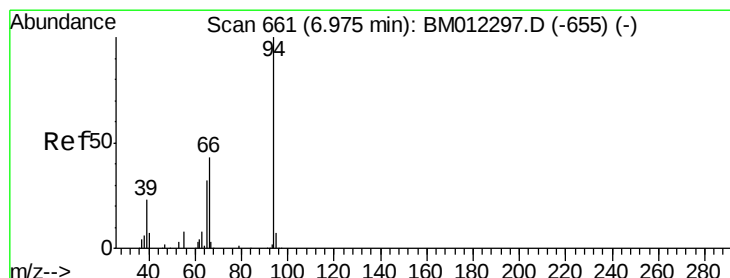
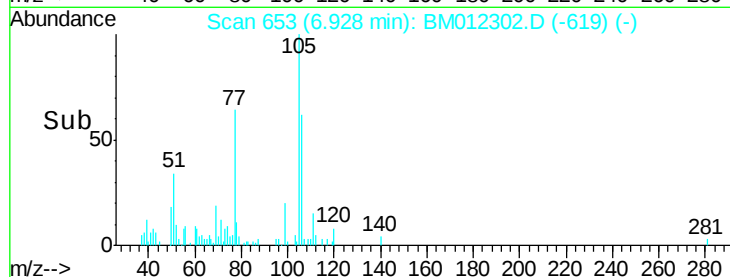
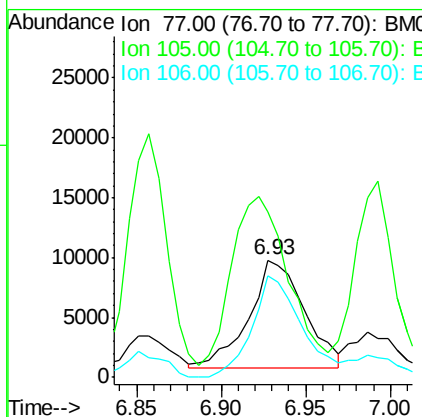
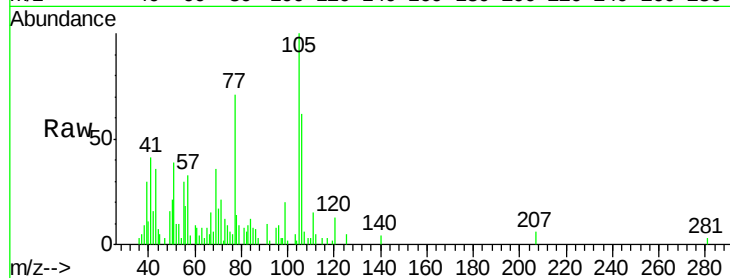
ClientSampled :

B-32(1-2)-100417

Tgt Ion	Ratio	Lower	Upper
77	100		
105	141.3	78.4	117.6#
106	86.9	70.6	106.0

Manual Integrations
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#6

Phenol

Concen: 4.119 ng/ul

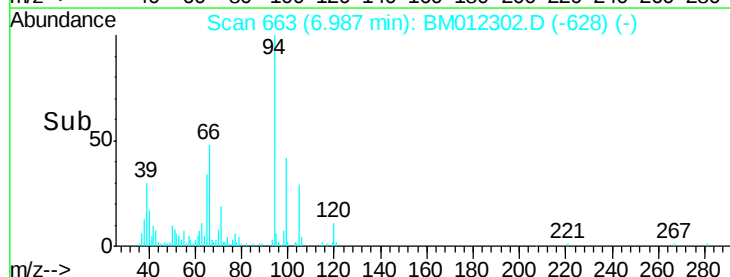
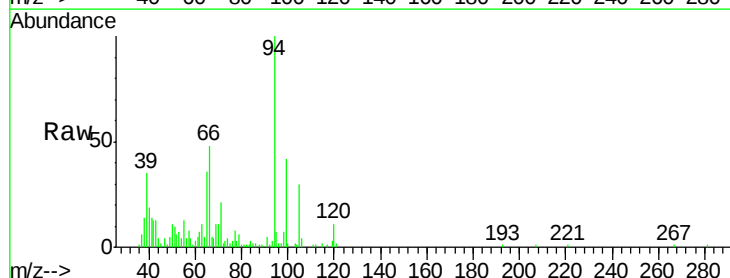
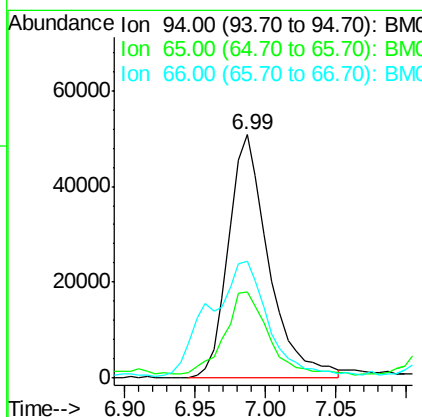
RT: 6.99 min Scan# 663

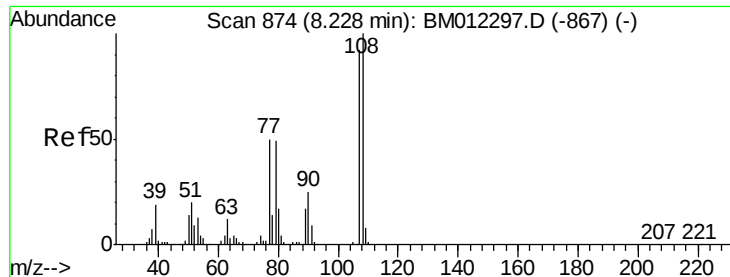
Delta R.T. 0.01 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	24.4	36.6
66	48.0	35.0	52.4





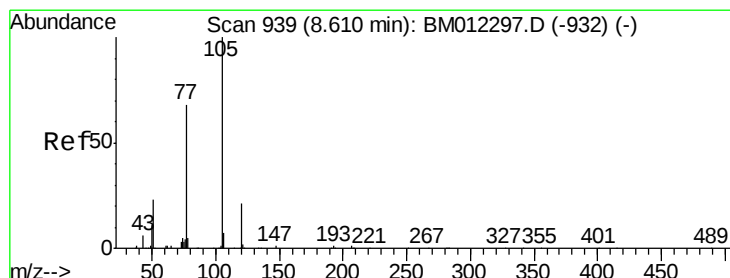
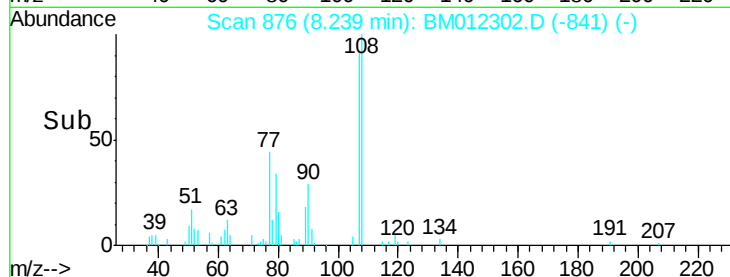
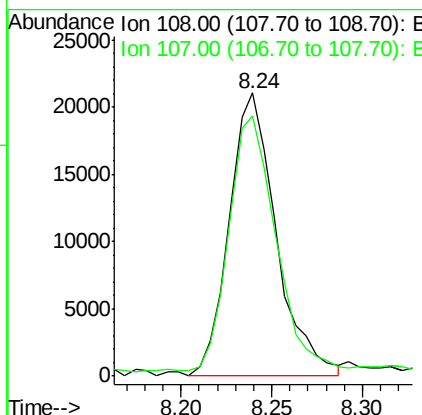
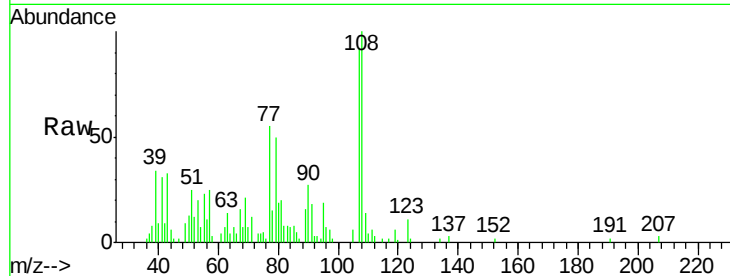
#11
2-Methylphenol
Concen: 2.063 ng/ul
RT: 8.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BM012302.D
Acq: 19 Oct 2017 05:01

Instrument :
BNA_M
ClientSampleId :
B-32(1-2)-100417

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.9	73.3	109.9

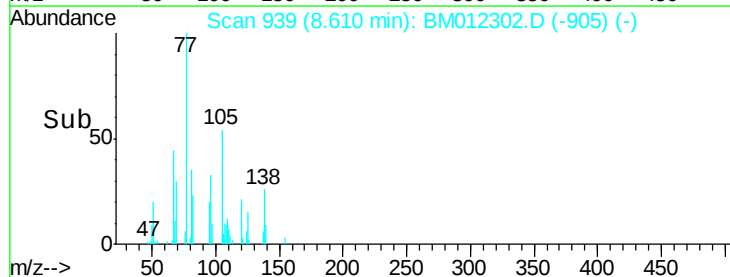
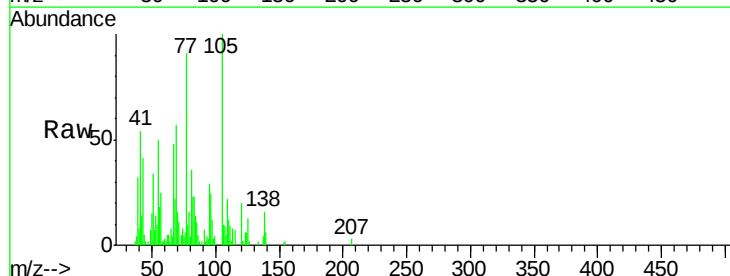
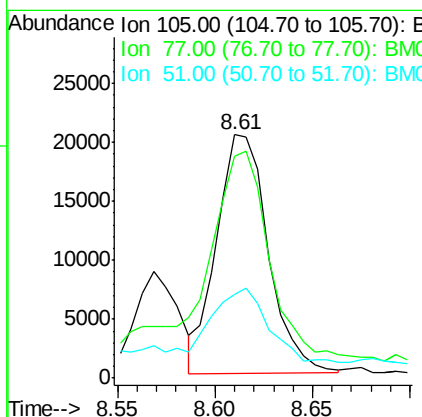
Manual Integrations
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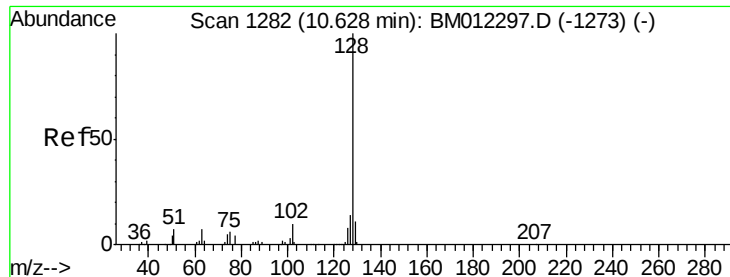
Sohil
10/23/2017 3:49:56 PM



#14
Acetophenone
Concen: 1.197 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BM012302.D
Acq: 19 Oct 2017 05:01

Tgt Ion	Ratio	Lower	Upper
105	100		
77	90.9	61.7	92.5
51	34.1	20.1	30.1#





#28

Naphthalene

Concen: 2.548 ng/ul

RT: 10.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

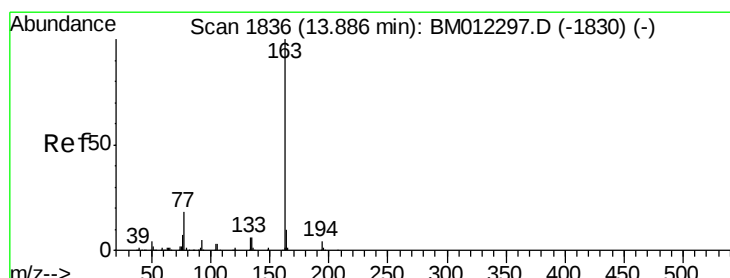
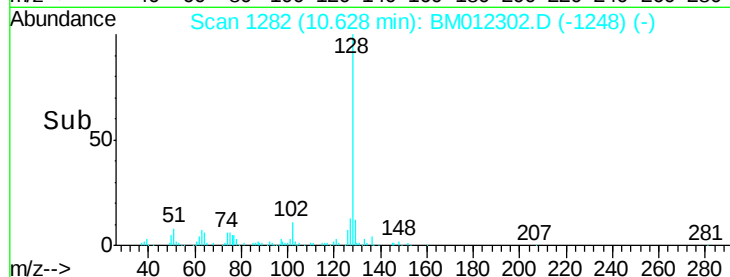
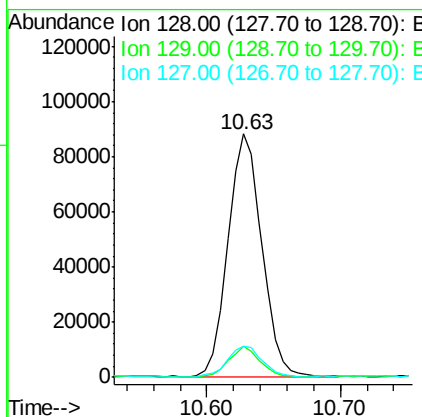
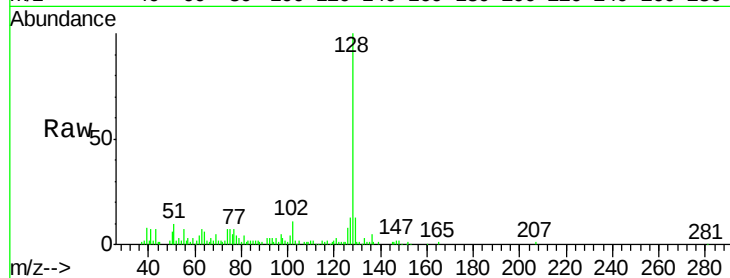
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	157400		
129	12.7	9.2	13.8	
127	12.9	11.4	17.0	

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#44

Dimethylphthalate

Concen: 7.022 ng/ul

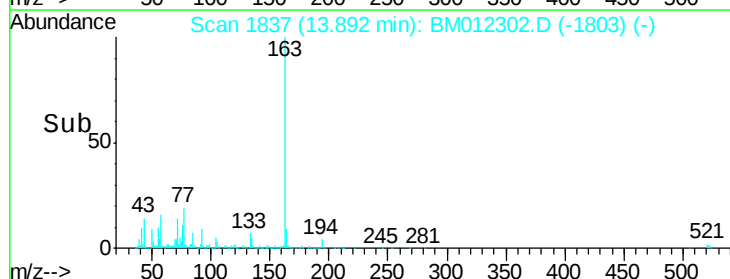
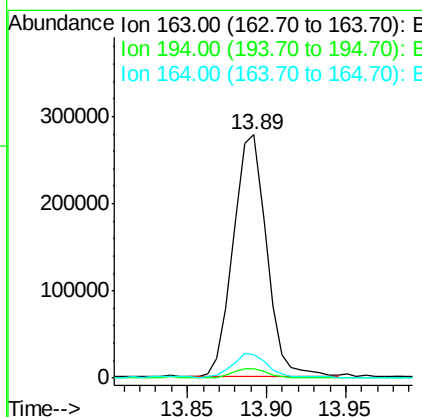
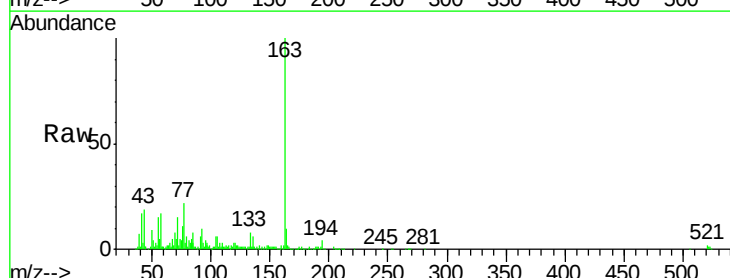
RT: 13.89 min Scan# 1837

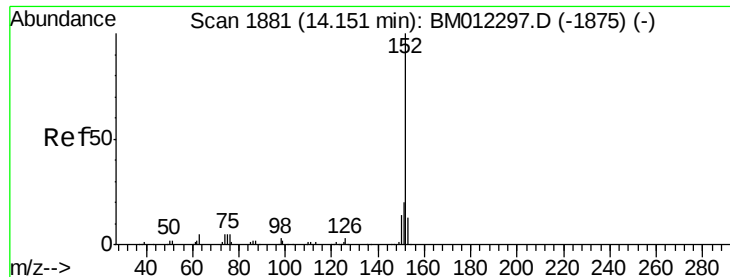
Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	403139		
194	4.1	3.7	5.5	
164	9.7	8.1	12.1	





#47

Acenaphthylene

Concen: 2.034 ng/ul

RT: 14.16 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

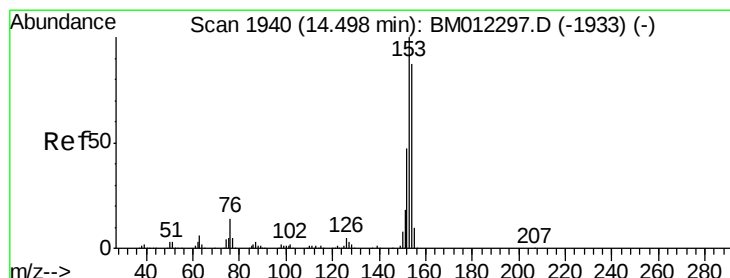
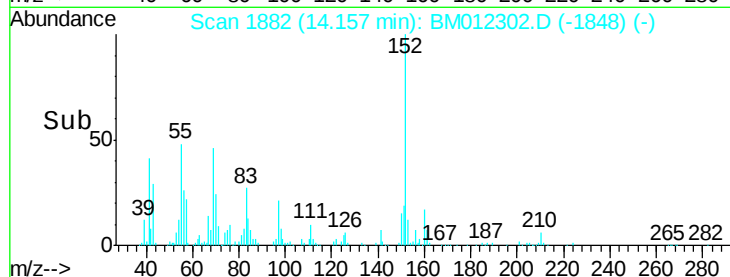
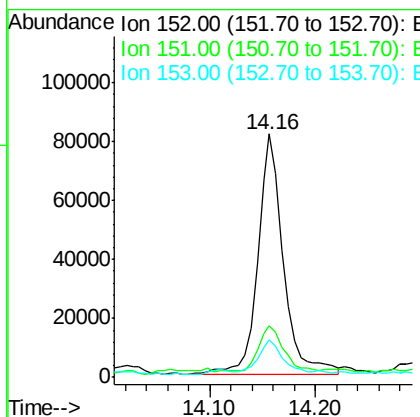
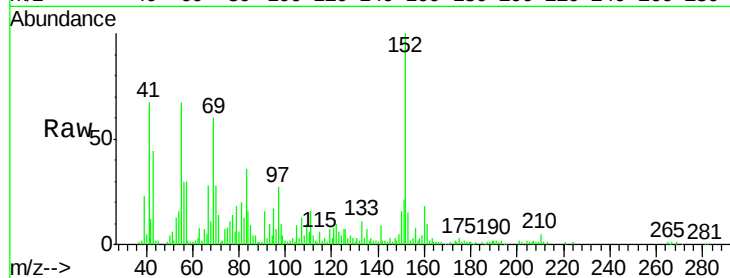
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	152	Resp:	138563
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.3	22.9
153	15.5	10.4	15.6

Manual Integrations
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#49

Acenaphthene

Concen: 1.543 ng/ul

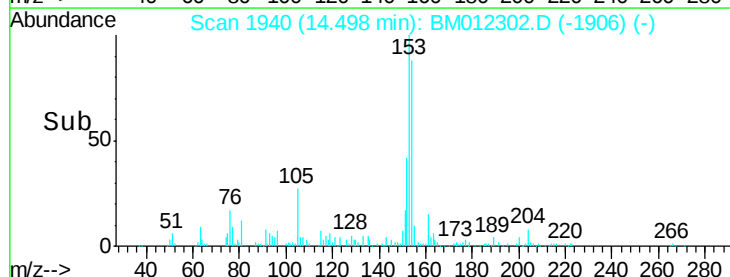
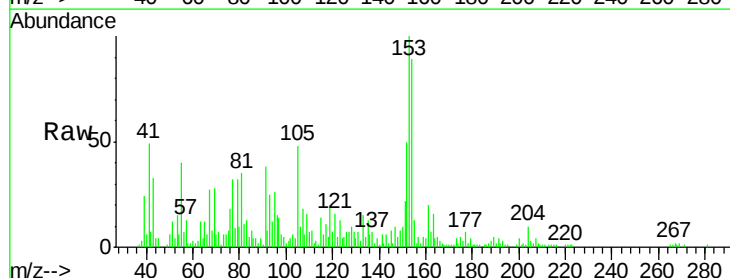
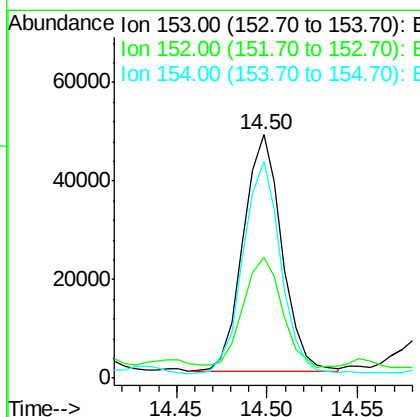
RT: 14.50 min Scan# 1940

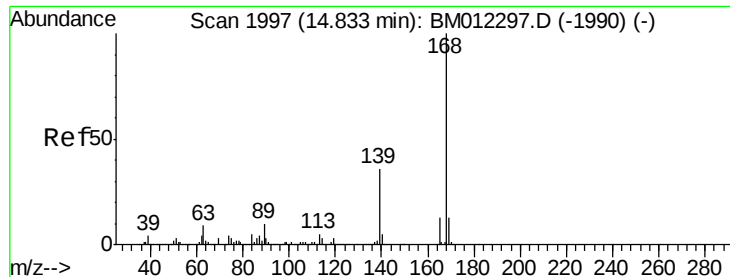
Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion:	153	Resp:	70769
Ion Ratio	Lower	Upper	
153	100		
152	49.6	37.4	56.0
154	89.0	71.1	106.7





#53

Dibenzenofuran

Concen: 1.252 ng/ul

RT: 14.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

ClientSampleId :

B-32(1-2)-100417

Tgt Ion:168 Resp: 82702

Ion Ratio Lower Upper

168 100

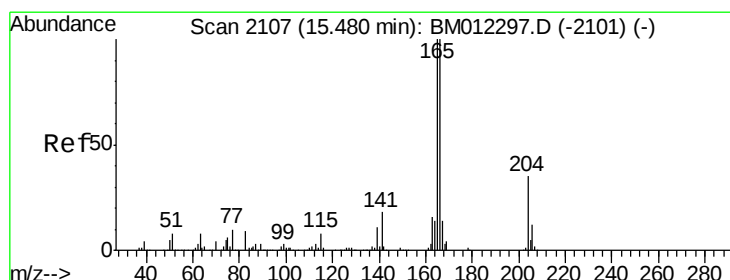
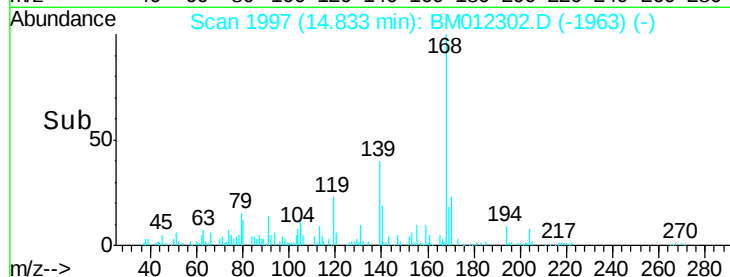
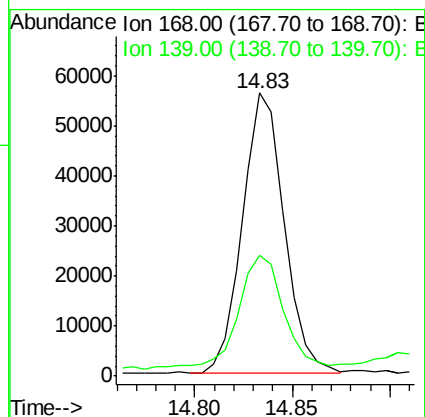
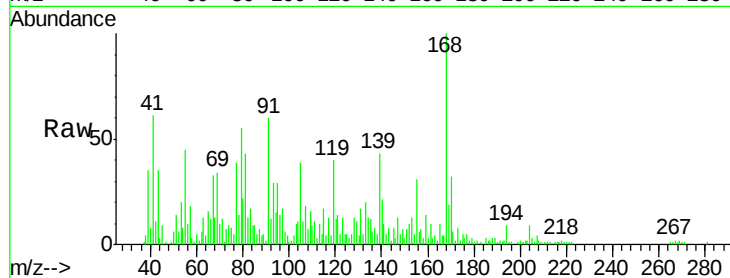
139 42.9 30.2 45.2

Manual Integrations

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#58

Fluorene

Concen: 1.403 ng/ul

RT: 15.49 min Scan# 2108

Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

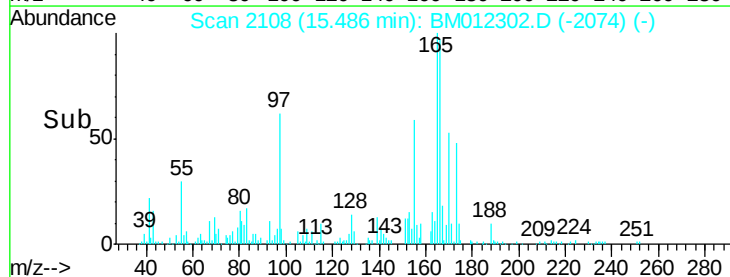
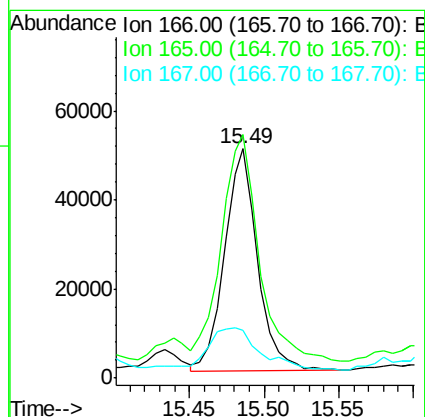
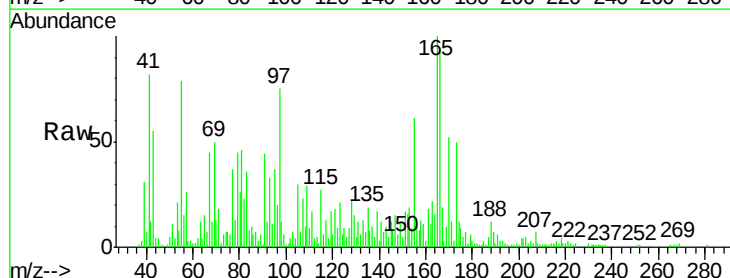
Tgt Ion:166 Resp: 76956

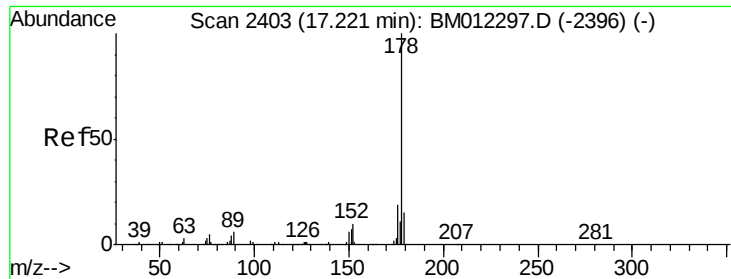
Ion Ratio Lower Upper

166 100

165 106.3 79.0 118.6

167 20.6 10.8 16.2#





#69

Phenanthrene

Concen: 24.307 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

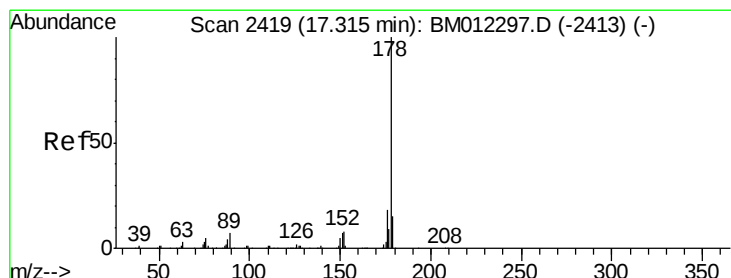
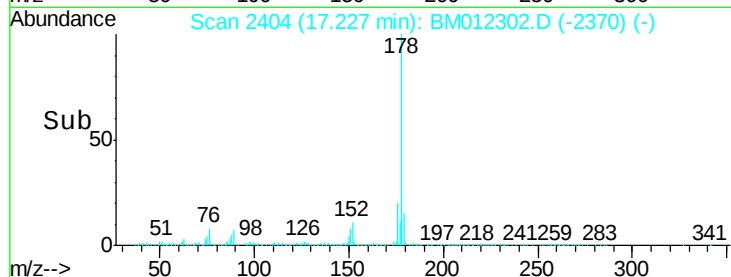
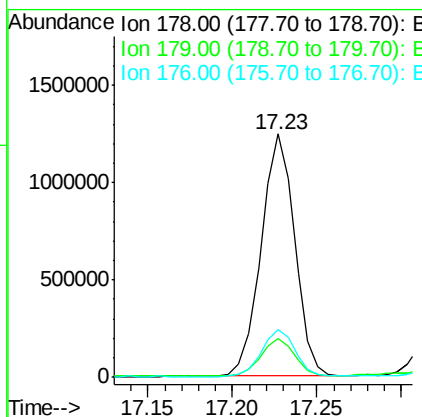
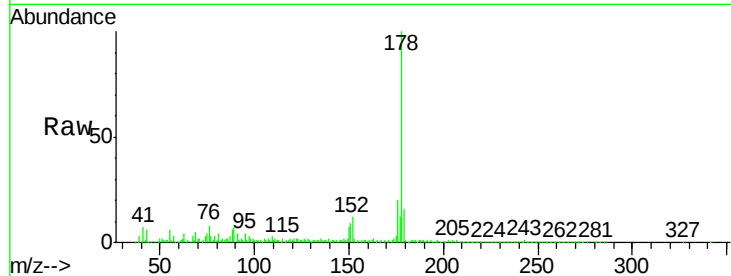
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	178	Resp:	1721121
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.9	15.0	22.6

Manual Integrations
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#71

Anthracene

Concen: 4.383 ng/ul

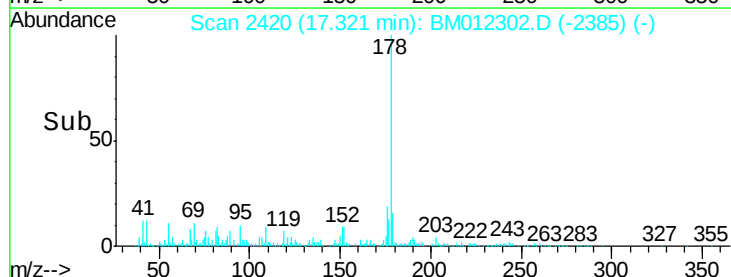
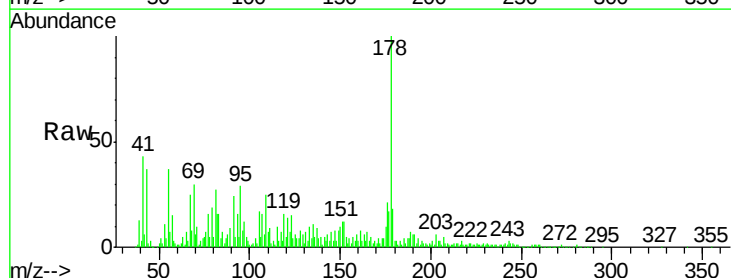
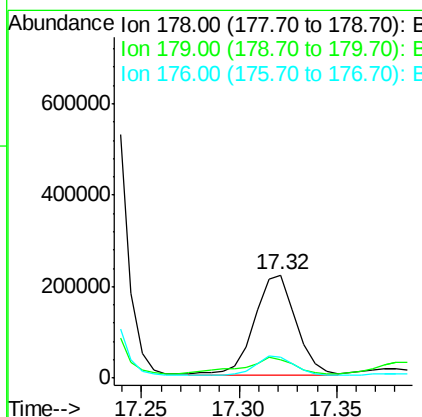
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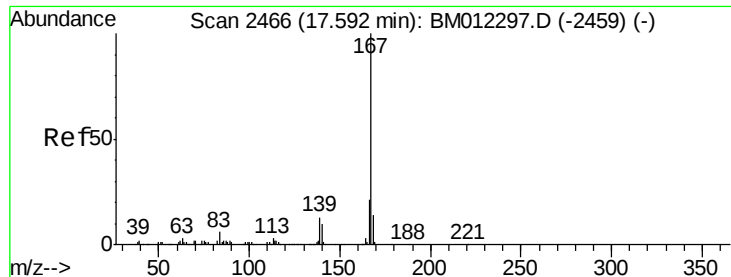
Delta R.T. 0.01 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion:	178	Resp:	321270
Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.2	18.4
176	20.6	14.7	22.1





#72

Carbazole

Concen: 2.645 ng/ul

RT: 17.60 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

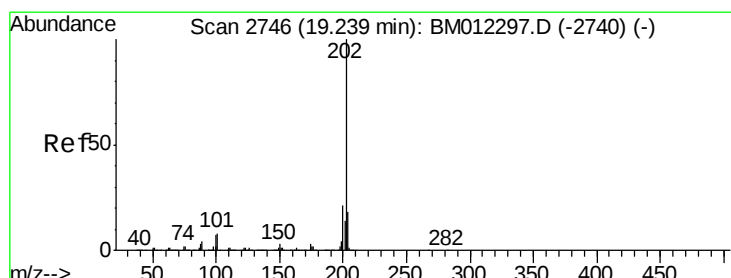
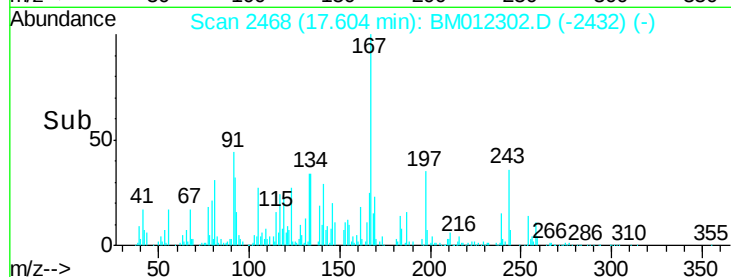
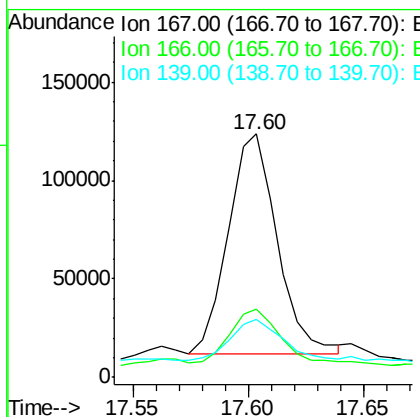
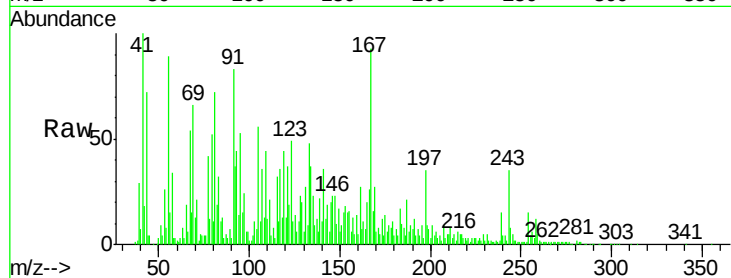
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	167	Resp:	164091
Ion Ratio	Lower	Upper	
167	100		
166	28.1	17.8	26.6#
139	23.6	10.6	15.8#

Manual Integrations
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#74

Fluoranthene

Concen: 48.538 ng/ul

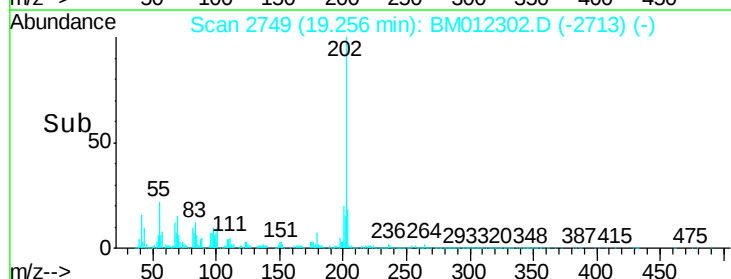
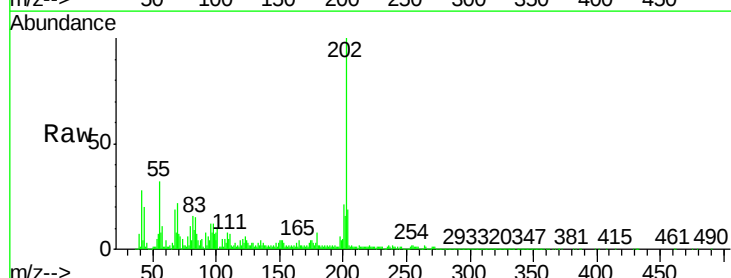
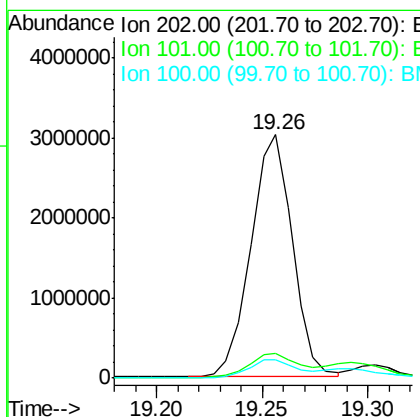
RT: 19.26 min Scan# 2749

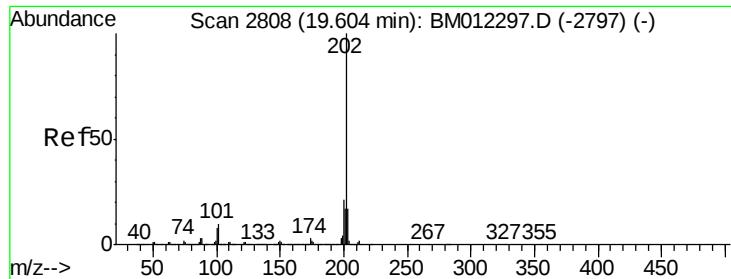
Delta R.T. 0.01 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion:	202	Resp:	4147632
Ion Ratio	Lower	Upper	
202	100		
101	10.2	5.8	8.6#
100	7.6	4.3	6.5#





#77

Pyrene

Concen: 40.349 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

ClientSampleId :

B-32(1-2)-100417

Tgt Ion:202 Resp: 4152458

Ion Ratio Lower Upper

202 100

101 10.7 6.5 9.7#

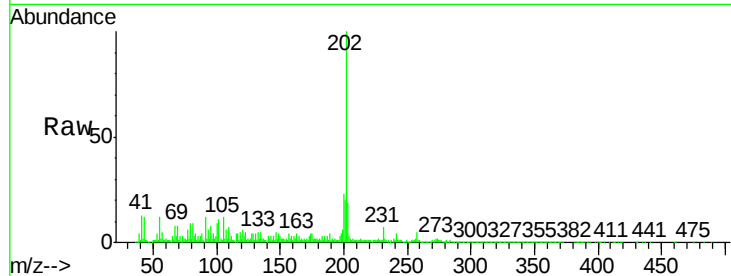
100 9.0 5.6 8.4#

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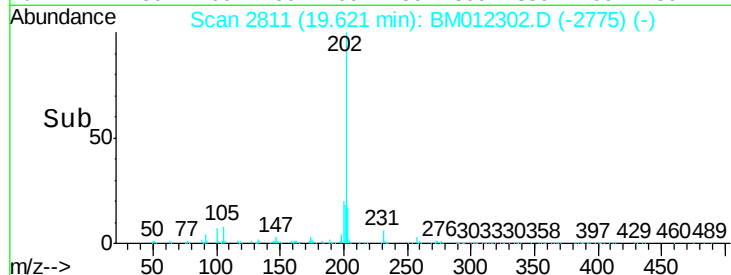


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



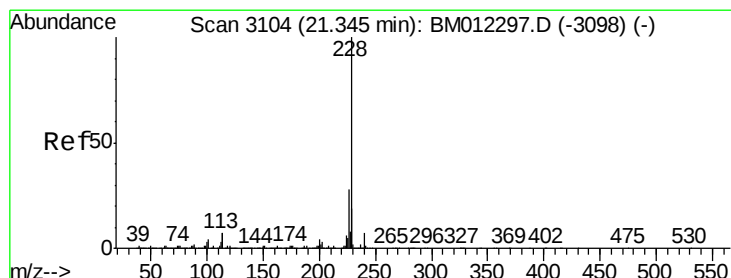
Abundance

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): E

Time-->



#80

Benzo(a)anthracene

Concen: 20.535 ng/ul

RT: 21.37 min Scan# 3109

Delta R.T. 0.02 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

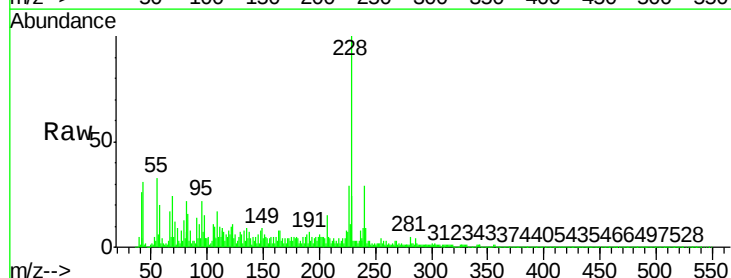
Tgt Ion:228 Resp: 2082190

Ion Ratio Lower Upper

228 100

229 23.7 15.8 23.8

226 28.7 21.4 32.2

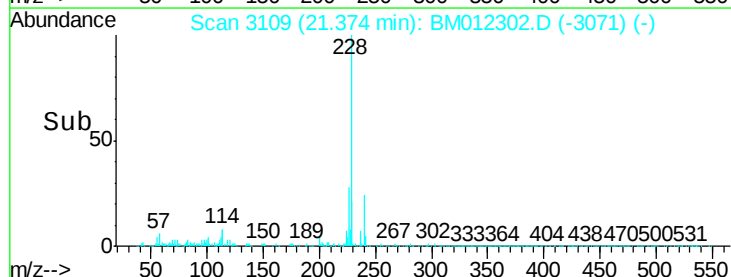


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



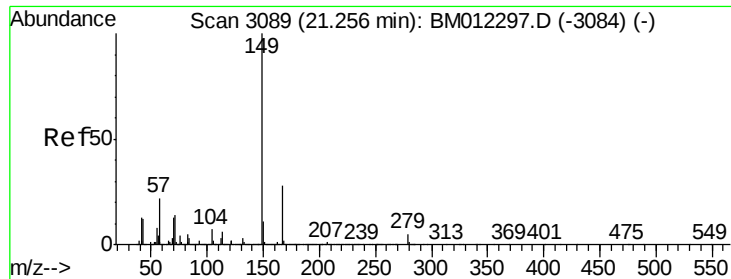
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



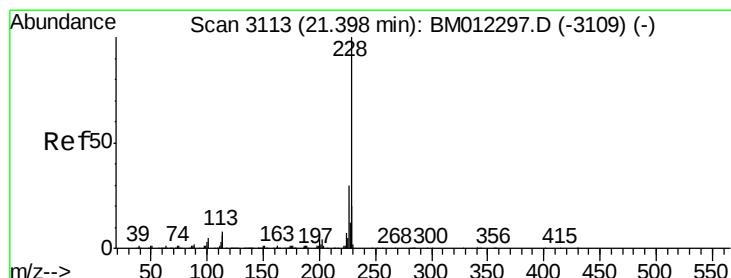
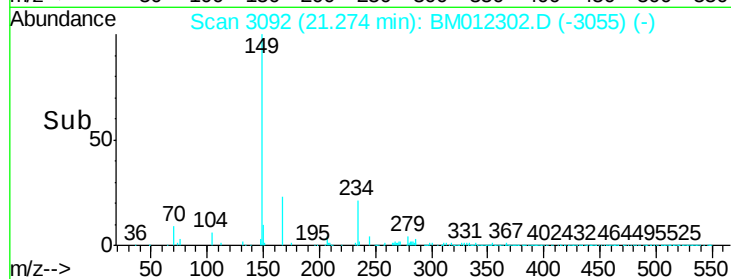
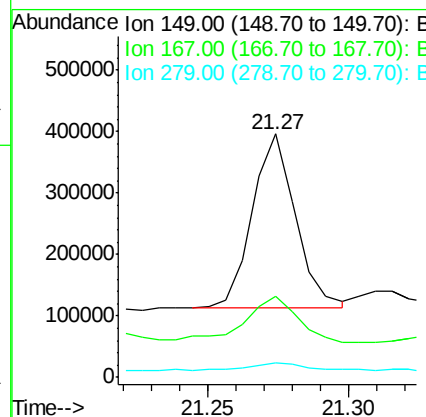
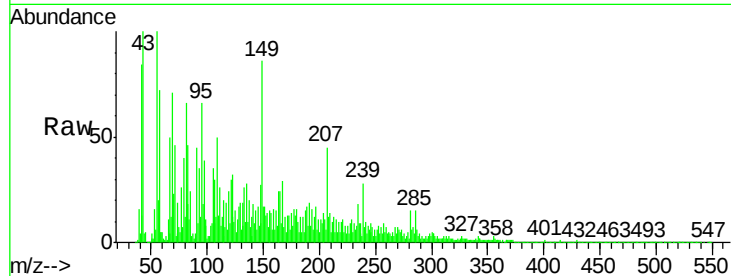
#81
Bis(2-ethylhexyl)phthalate
Concen: 4.386 ng/ul
RT: 21.27 min Scan# 3092
Delta R.T. 0.02 min
Lab File: BM012302.D
Acq: 19 Oct 2017 05:01

Instrument :
BNA_M
ClientSampleId :
B-32(1-2)-100417

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.5	22.5	33.7
279	6.1	4.4	6.6

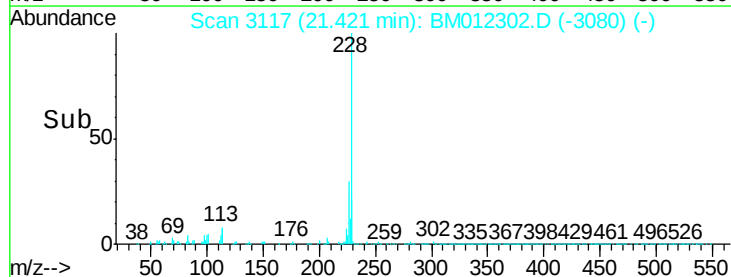
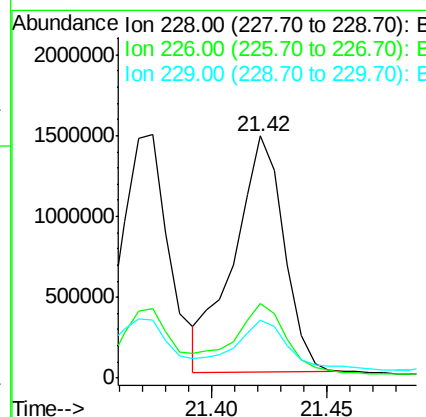
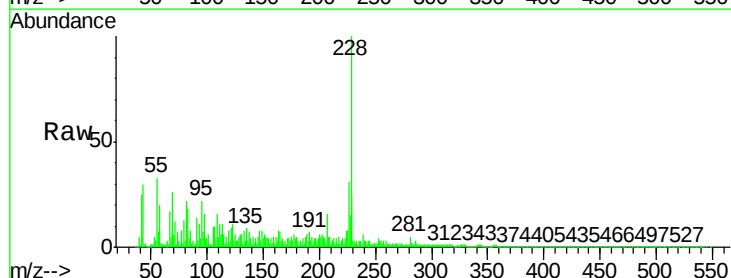
Manual Integrations
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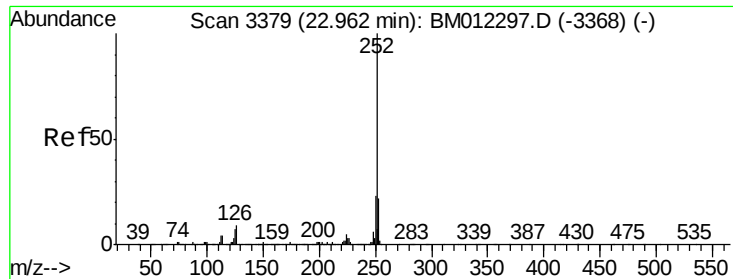
Sohil
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#82
Chrysene
Concen: 23.063 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.02 min
Lab File: BM012302.D
Acq: 19 Oct 2017 05:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	23.9	15.5	23.3





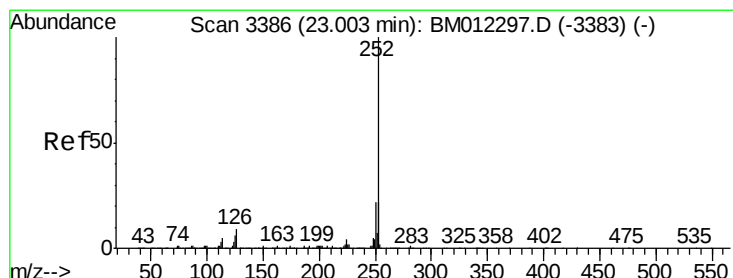
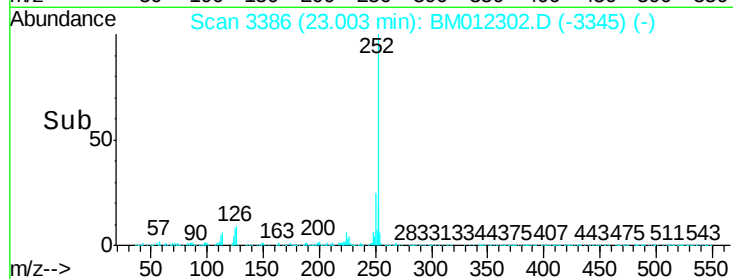
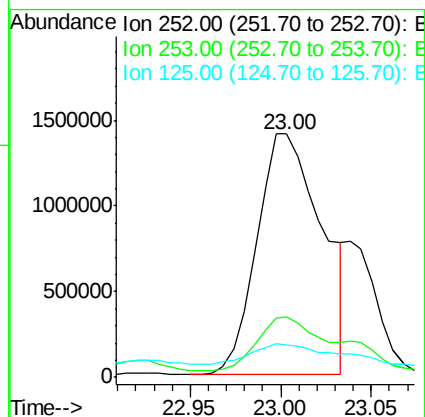
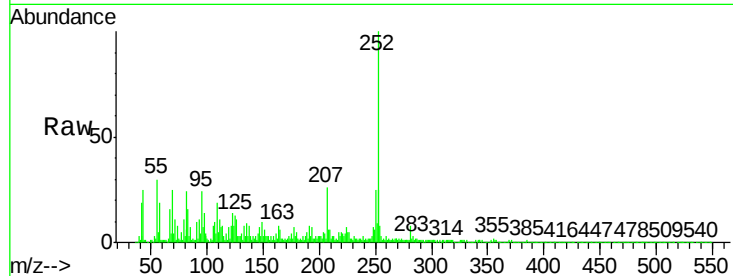
#85
Benzo(b)fluoranthene
Concen: 34.759 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.04 min
Lab File: BM012302.D
Acq: 19 Oct 2017 05:01

Instrument :
BNA_M
ClientSampleId :
B-32(1-2)-100417

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.4	26.2
125	13.3	5.1	7.7#

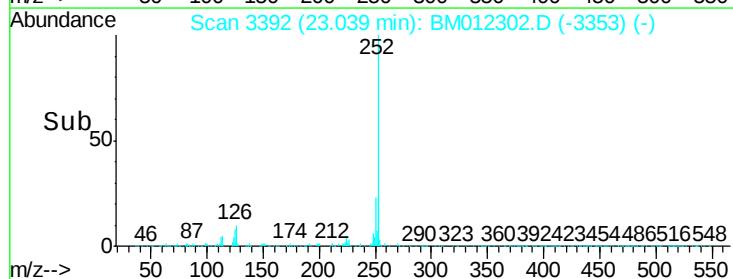
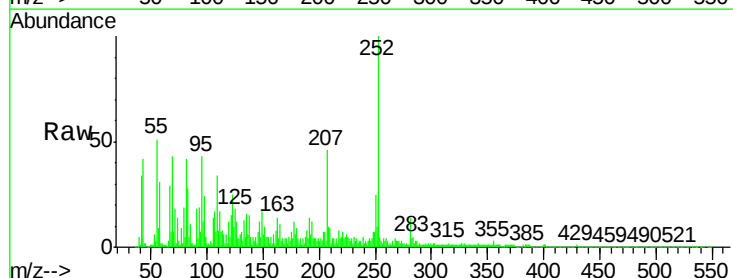
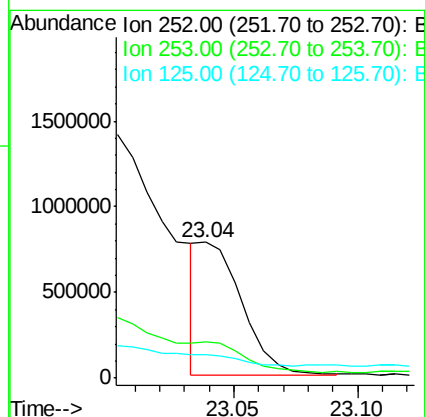
Manual Integrations
APPROVED

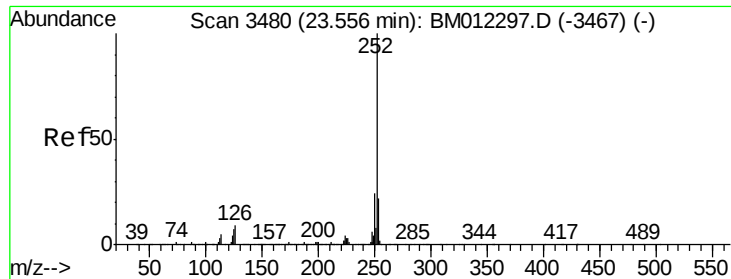
Sohil
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#86
Benzo(k)fluoranthene
Concen: 9.464 ng/ul m
RT: 23.04 min Scan# 3392
Delta R.T. 0.03 min
Lab File: BM012302.D
Acq: 19 Oct 2017 05:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.6
125	17.5	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 24.834 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.04 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

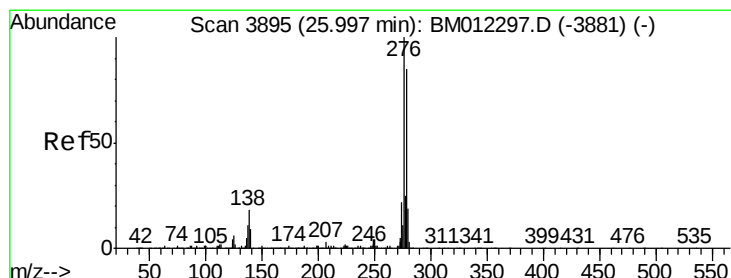
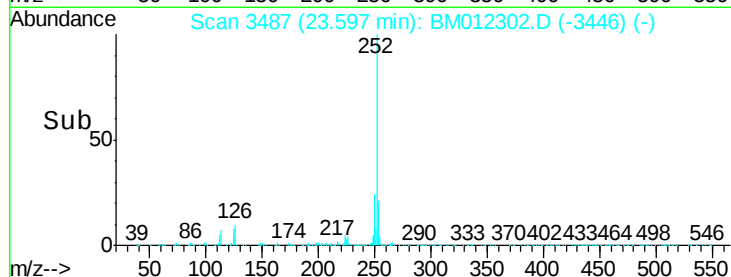
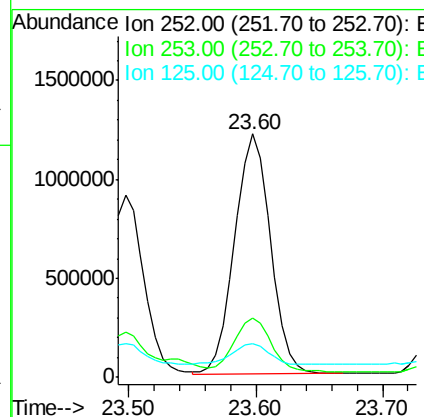
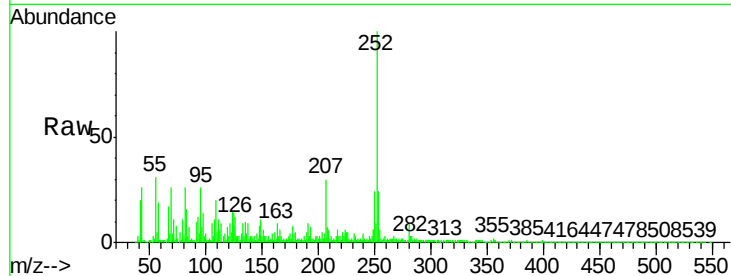
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	252	Resp:	2376055
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.1	25.7
125	13.6	5.2	7.8#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 16.735 ng/ul

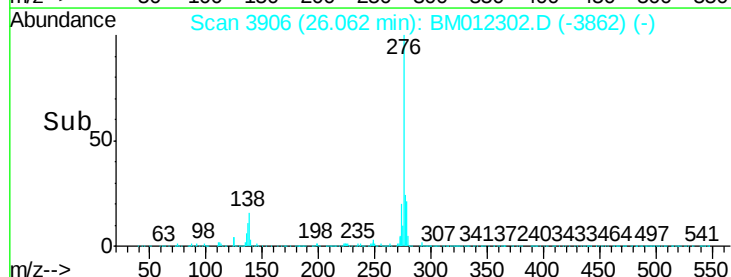
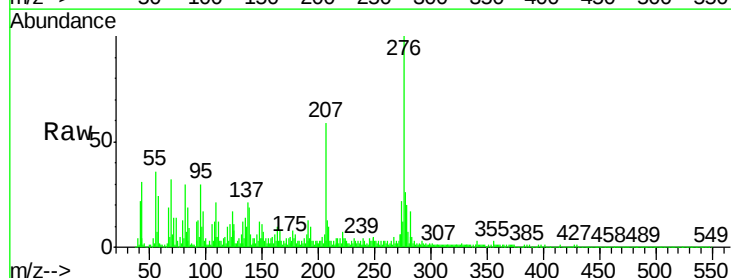
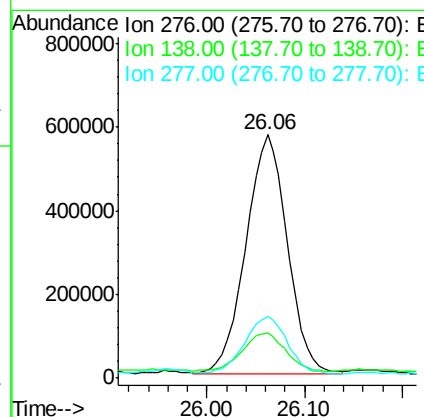
RT: 26.06 min Scan# 3906

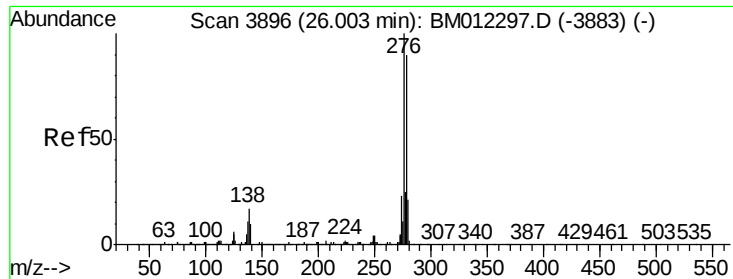
Delta R.T. 0.06 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion:	276	Resp:	1700318
Ion Ratio	Lower	Upper	
276	100		
138	18.5	13.2	19.8
277	25.6	20.6	31.0





#90

Dibenzo(a,h)anthracene

Concen: 4.617 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. 0.06 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Instrument :

BNA_M

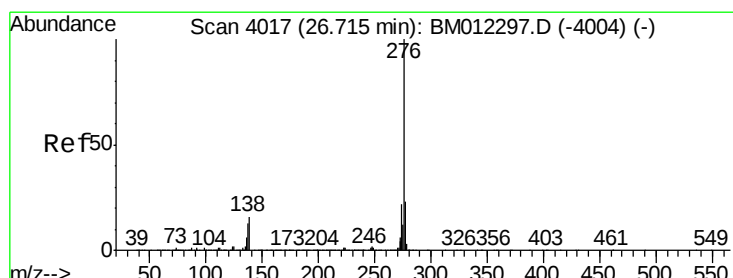
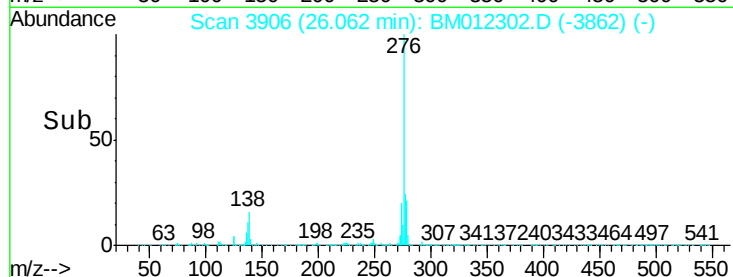
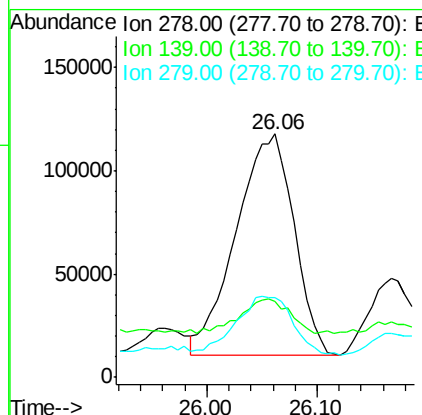
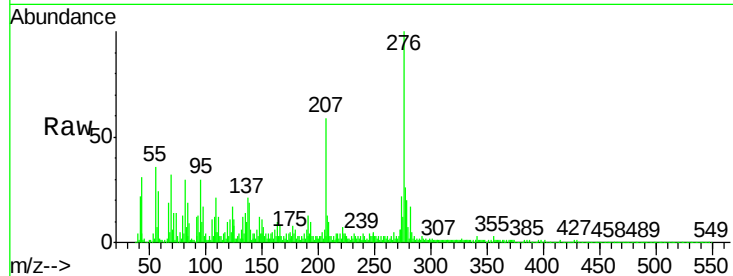
ClientSampleId :

B-32(1-2)-100417

Tgt Ion:	278	Resp:	394370
Ion Ratio	Lower	Upper	
278	100		
139	31.3	8.3	12.5#
279	32.8	19.3	28.9#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 16.436 ng/ul

RT: 26.80 min Scan# 4031

Delta R.T. 0.07 min

Lab File: BM012302.D

Acq: 19 Oct 2017 05:01

Tgt Ion:	276	Resp:	1367720
Ion Ratio	Lower	Upper	
276	100		
138	19.9	10.7	16.1#
277	25.5	19.0	28.4

