

Data File : BM012306.D
Acq On : 19 Oct 2017 07:25
Operator : SJ/JU
Sample : I5747-06 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-4(1-3)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:04 PM

Quant Time: Jun 23 03:33:57 2018
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	7.78	152	277325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1099640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	580728	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1189437	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1293592	20.00	ng/ul	0.01
83) Perylene-d12	23.68	264	1412757	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9265	1.59	ng/uL	0.00
5) Phenol-d5	6.97	99	138527	6.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	137479	10.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	136855	7.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.51	113	117750	6.08	ng/ul	0.01
19) Nitrobenzene-d5	8.96	128	68715	8.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	73279	7.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	118365	6.32	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	42813	2.44	ng/ul	0.02
43) Dimethylphthalate-d6	13.84	166	423882	8.26	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	523943	8.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	14485m	1.88	ng/ul	0.08
57) Fluorene-d10	15.43	176	341080	8.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	325	0.04	ng/ul	-0.02
70) Anthracene-d10	17.29	188	493380	8.39	ng/ul	0.00
76) Pyrene-d10	19.59	212	534907	8.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	578048	8.49	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	7.00	94	40881	1.758	ng/ul#	32
28) Naphthalene	10.63	128	179418	3.154	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	67975	1.583	ng/ul	97
44) Dimethylphthalate	13.89	163	244950m	4.763	ng/ul	
47) Acenaphthylene	14.16	152	664495	10.892	ng/ul	99
58) Fluorene	15.49	166	61288	1.247	ng/ul	96
69) Phenanthrene	17.23	178	944893	13.965	ng/ul	100
71) Anthracene	17.32	178	664330	9.484	ng/ul	98
74) Fluoranthene	19.25	202	5404629	66.187	ng/ul#	92
77) Pyrene	19.62	202	4033374	47.212	ng/ul#	93
80) Benzo(a)anthracene	21.36	228	3609837	42.886	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.26	149	142361	2.495	ng/ul#	98
82) Chrysene	21.42	228	2993918	37.885	ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	5181766	56.205	ng/ul#	96
86) Benzo(k)fluoranthene	23.03	252	1818010m	20.462	ng/ul	
88) Benzo(a)pyrene	23.58	252	3650030	42.005	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.04	276	2496092	27.050	ng/ul	98
90) Dibenzo(a,h)anthracene	26.03	278	749198	9.658	ng/ul#	82
91) Benzo(g,h,i)perylene	26.77	276	1732657	22.926	ng/ul#	95

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

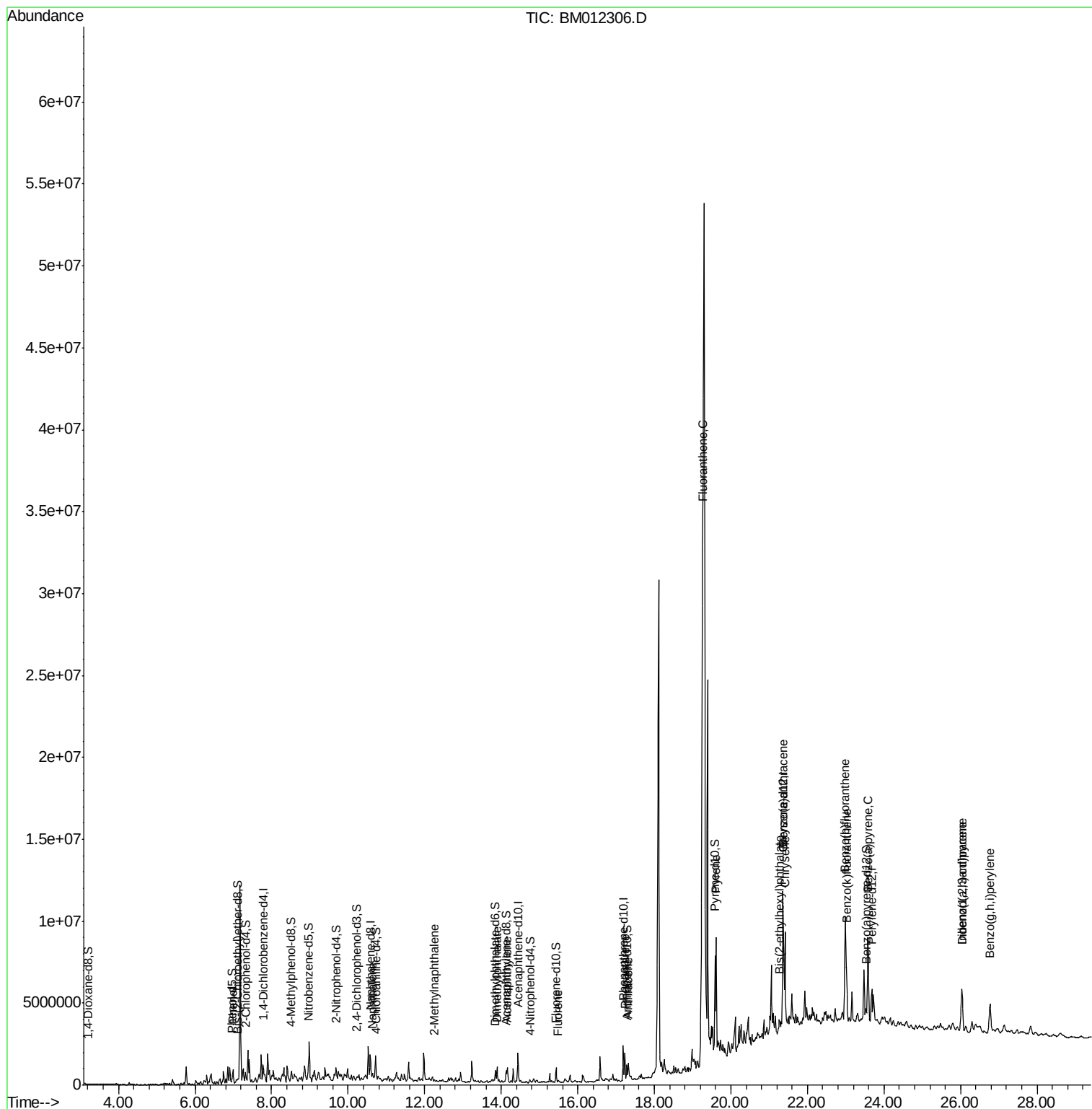
Data File : BM012306.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

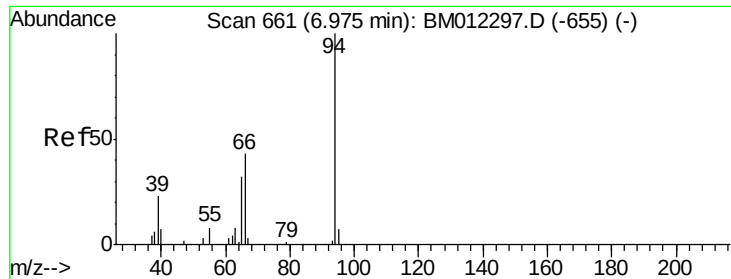
Instrument :
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B-4(1-3)-100617

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#6

Phenol

Concen: 1.758 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. 0.02 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Instrument :

BNA_M

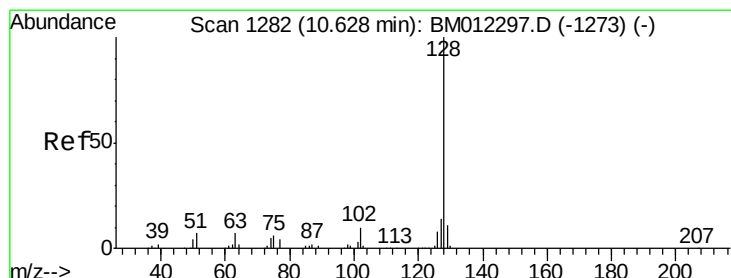
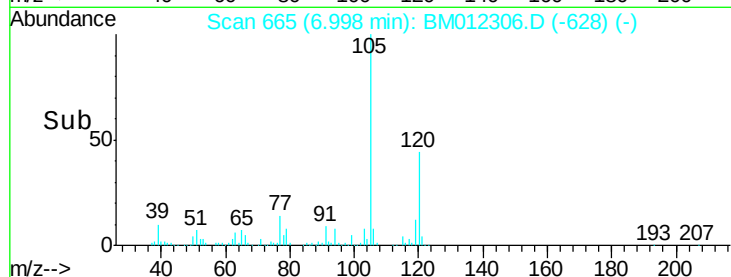
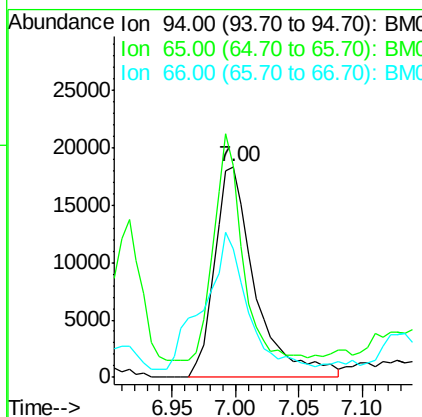
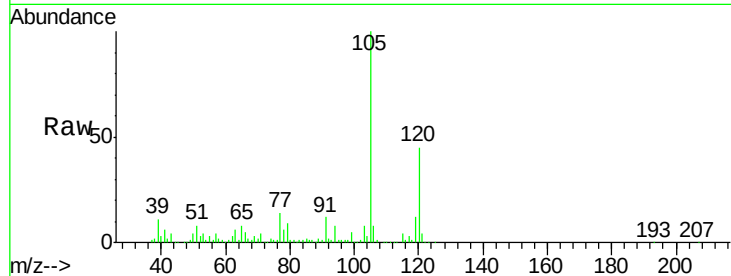
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	94	Resp:	40881
Ion Ratio	Lower	Upper	
94	100		
65	100.3	24.4	36.6#
66	60.7	35.0	52.4#

Manual Integrations
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#28

Naphthalene

Concen: 3.154 ng/ul

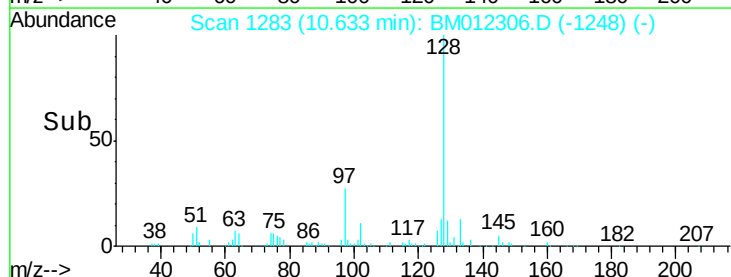
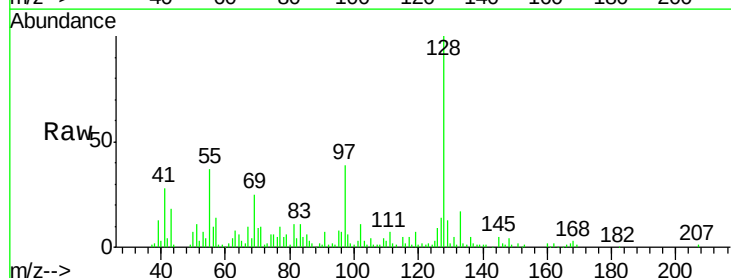
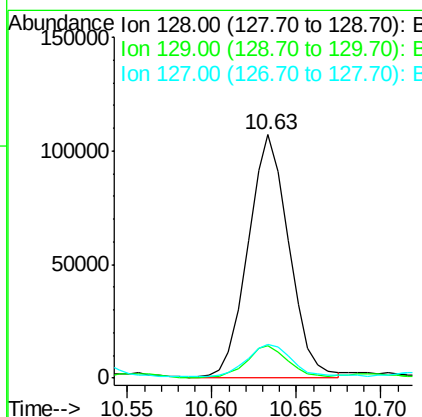
RT: 10.63 min Scan# 1283

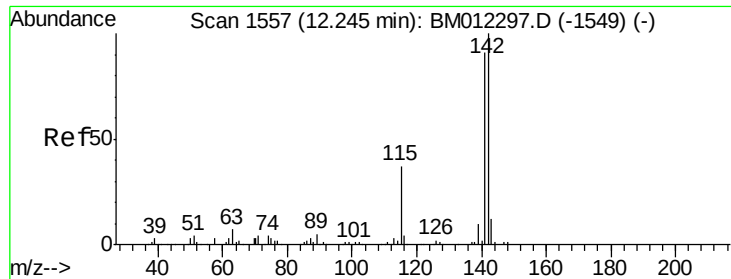
Delta R.T. 0.01 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Tgt Ion:	128	Resp:	179418
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.2	13.8
127	13.7	11.4	17.0





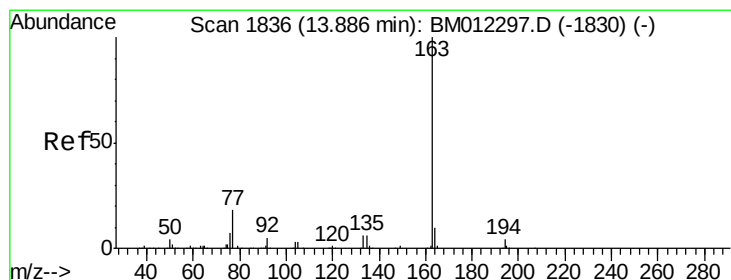
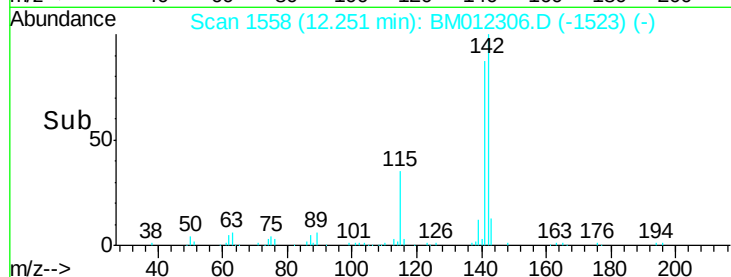
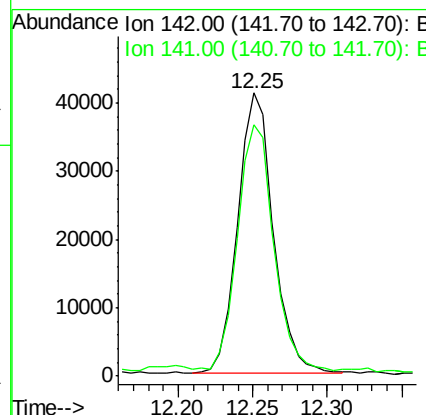
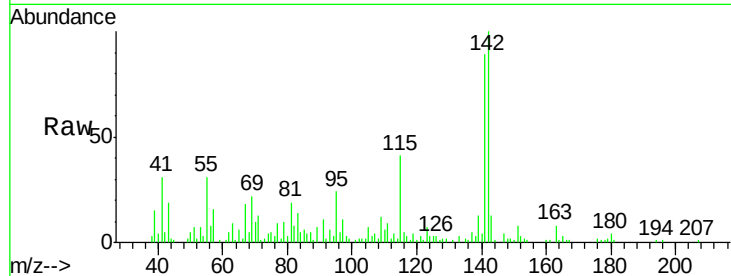
#34
 2-Methylnaphthalene
 Concen: 1.583 ng/ul
 RT: 12.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BM012306.D
 Acq: 19 Oct 2017 07:25

Instrument :
 BNA_M
 ClientSampleId :
 B-4(1-3)-100617

Tgt Ion:142 Resp: 67975
 Ion Ratio Lower Upper
 142 100
 141 88.9 73.6 110.4

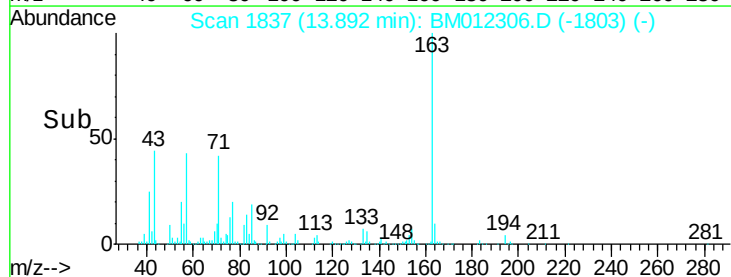
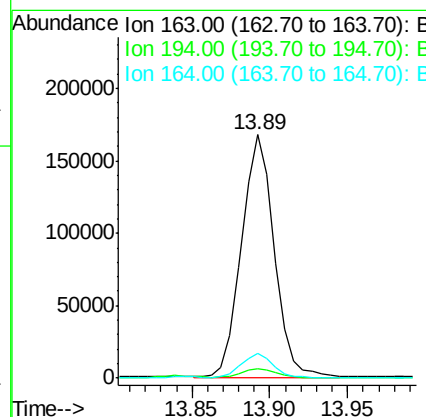
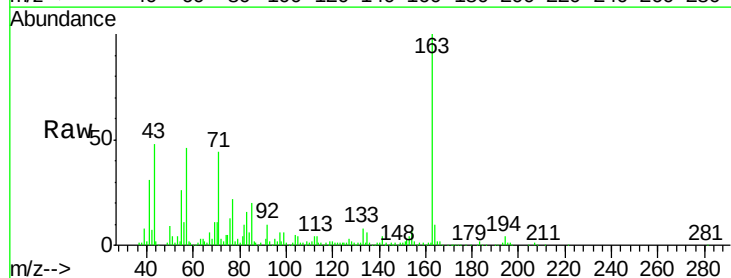
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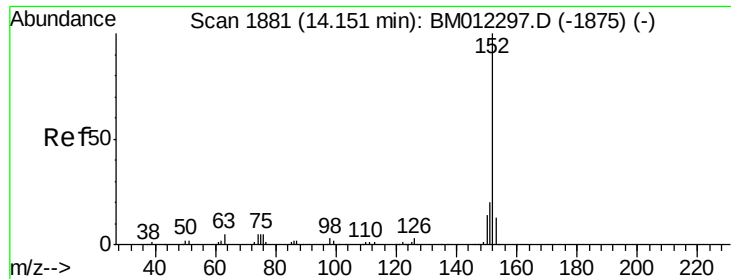
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#44
 Dimethylphthalate
 Concen: 4.763 ng/ul m
 RT: 13.89 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BM012306.D
 Acq: 19 Oct 2017 07:25

Tgt Ion:163 Resp: 244950
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.7 5.5
 164 10.4 8.1 12.1





#47

Acenaphthylene

Concen: 10.892 ng/ul

RT: 14.16 min Scan# 1883

Delta R.T. 0.01 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Instrument :

BNA_M

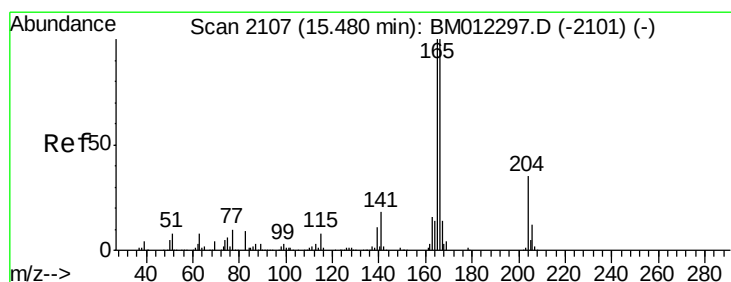
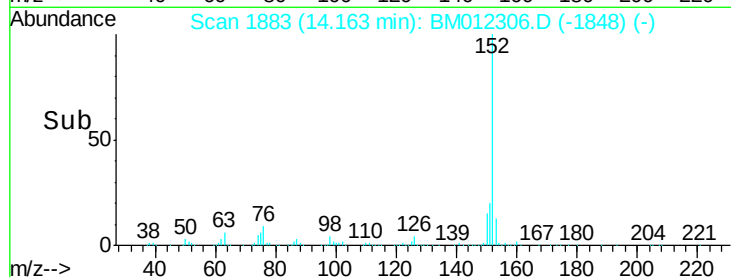
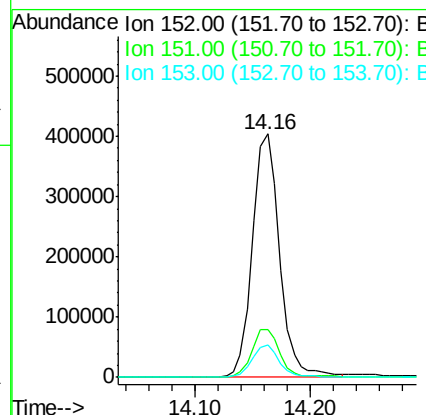
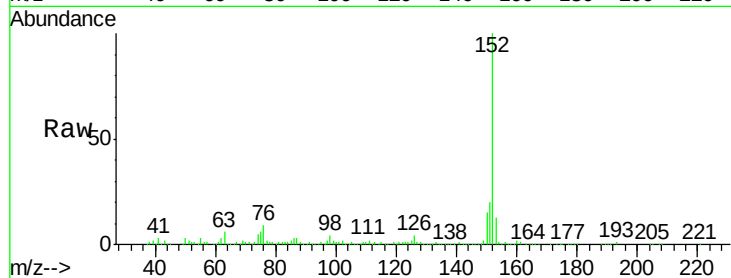
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	152	Resp:	664495
Ion Ratio		Lower	Upper
152	100		
151	19.8	15.3	22.9
153	13.5	10.4	15.6

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#58

Fluorene

Concen: 1.247 ng/ul

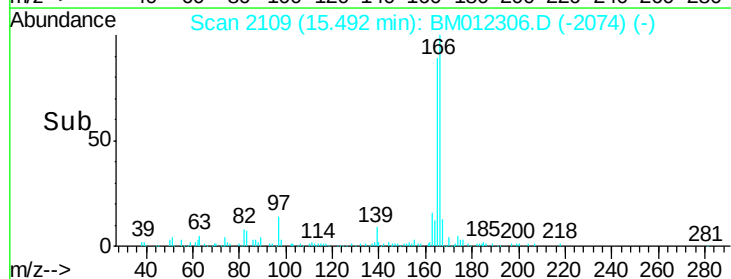
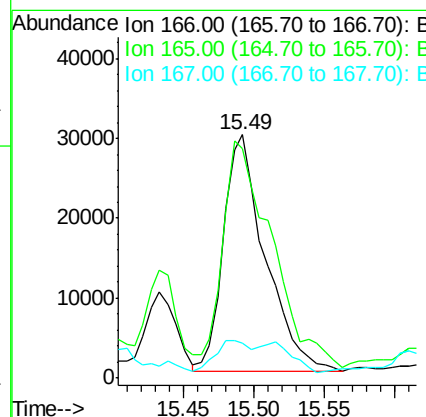
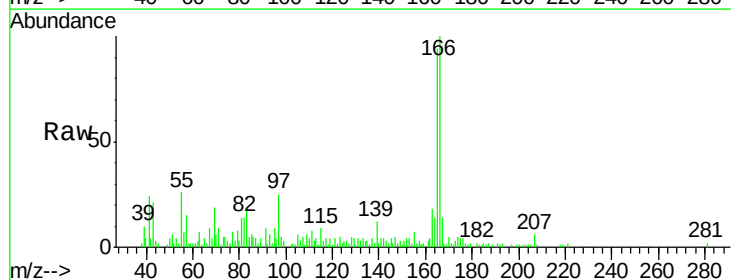
RT: 15.49 min Scan# 2109

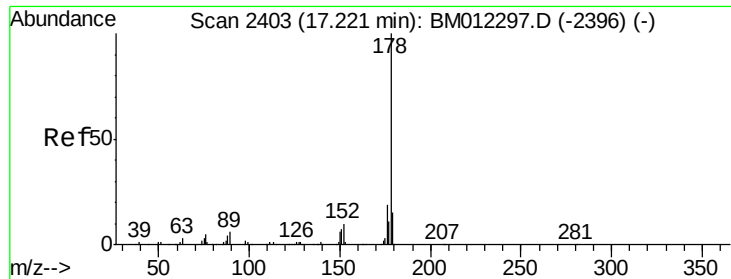
Delta R.T. 0.01 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Tgt Ion:	166	Resp:	61288
Ion Ratio		Lower	Upper
166	100		
165	94.2	79.0	118.6
167	14.4	10.8	16.2





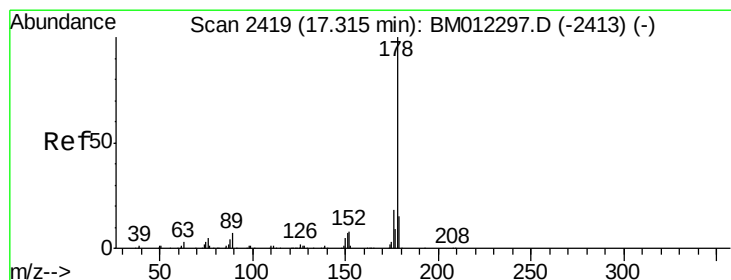
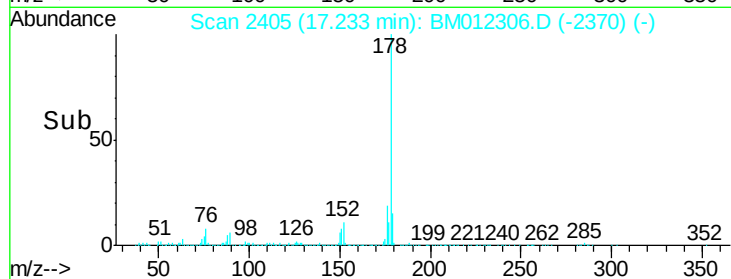
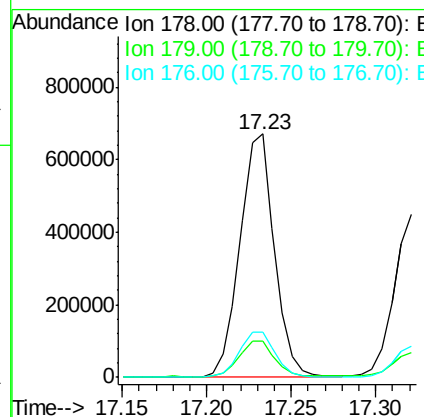
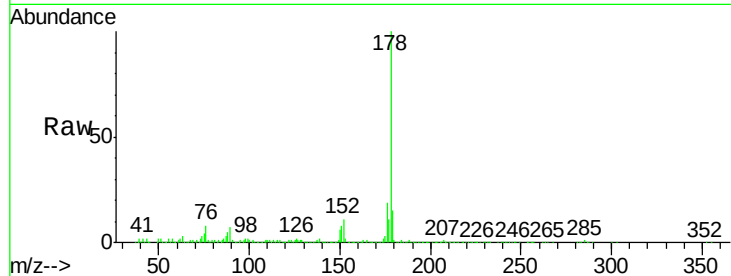
#69
Phenanthrene
Concen: 13.965 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. 0.01 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Instrument :
BNA_M
ClientSampleId :
B-4(1-3)-100617

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	944893		
179	15.0	12.0	18.0	
176	18.8	15.0	22.6	

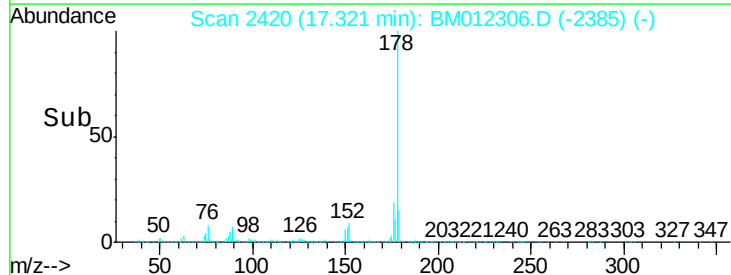
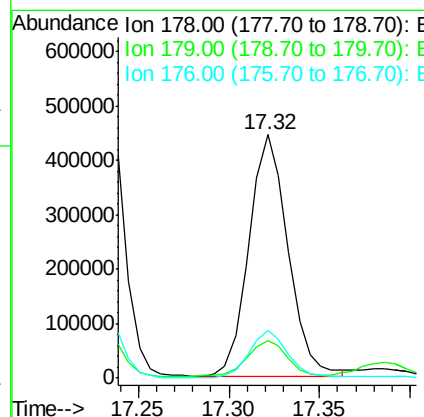
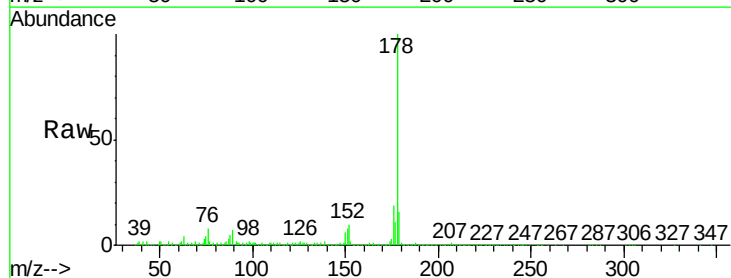
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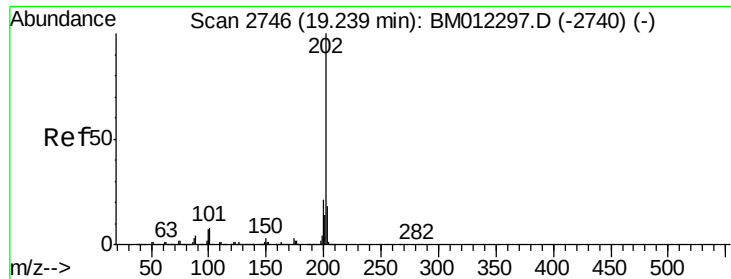
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#71
Anthracene
Concen: 9.484 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	664330		
179	15.6	12.2	18.4	
176	19.5	14.7	22.1	





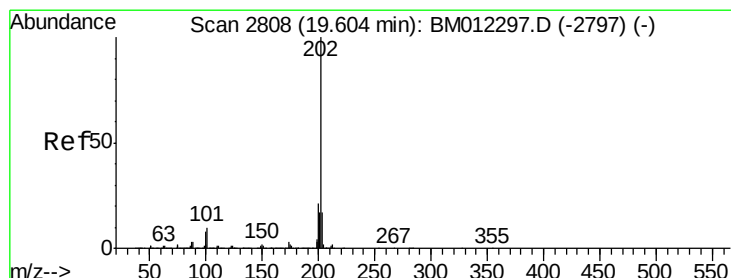
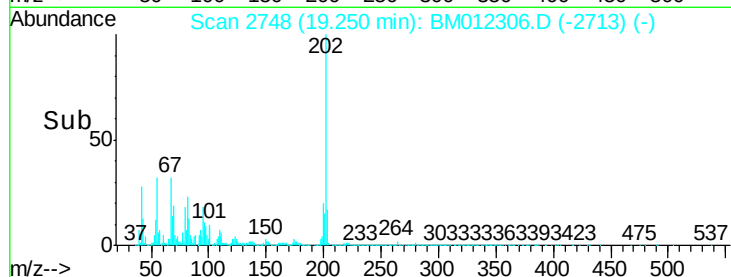
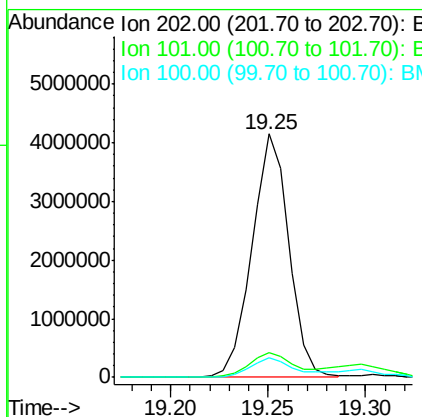
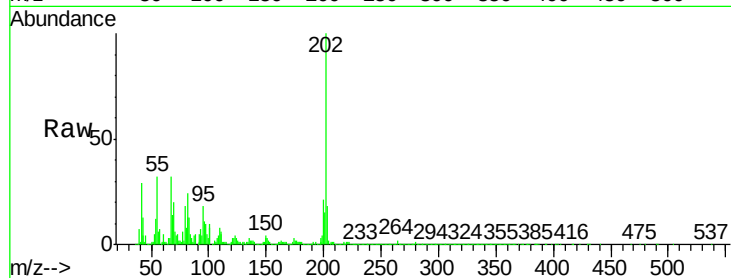
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Fluoranthene
Concen: 66.187 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. 0.01 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Instrument :
BNA_M
ClientSampleId :
B-4(1-3)-100617

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.8	8.6#
100	7.9	4.3	6.5#

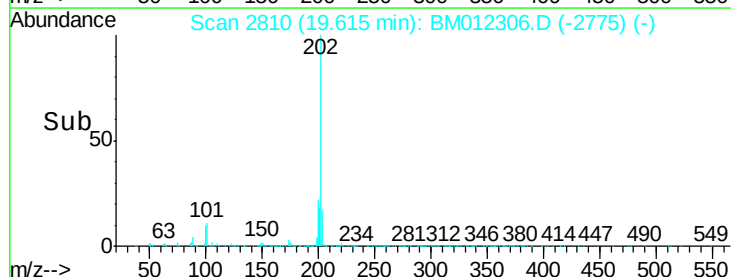
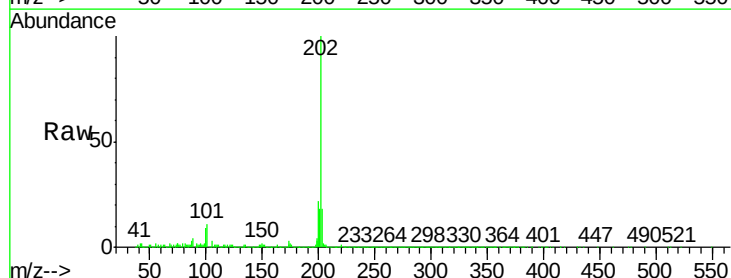
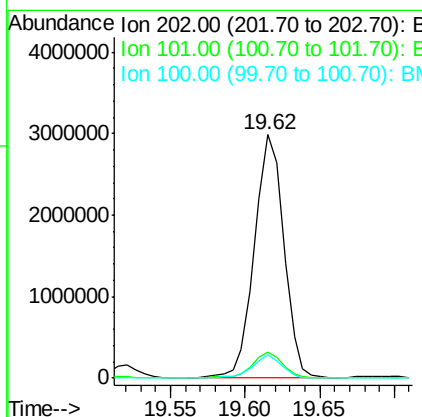
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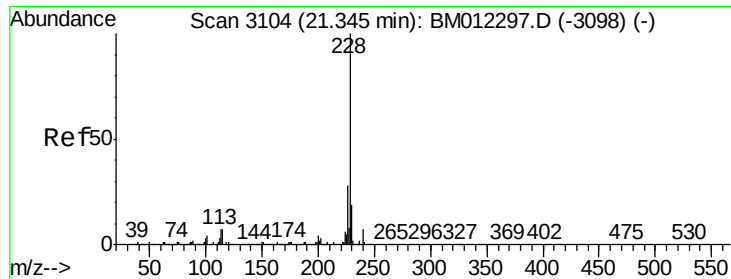
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#77
Pyrene
Concen: 47.212 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	6.5	9.7#
100	9.4	5.6	8.4#





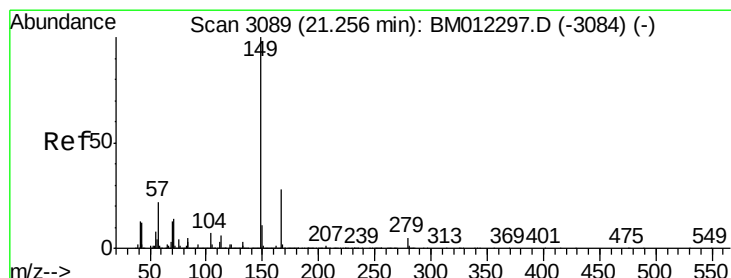
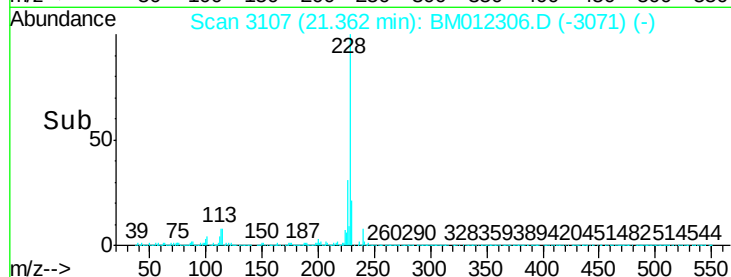
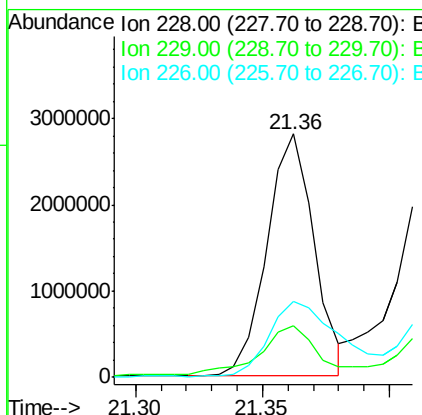
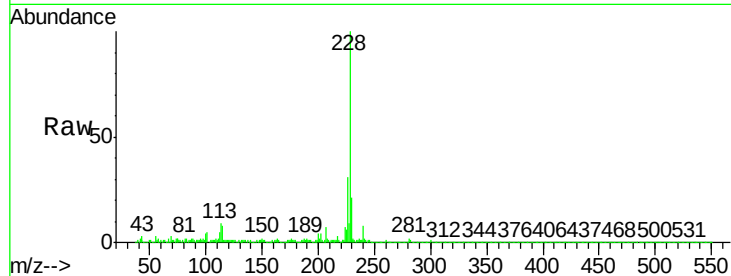
#80
Benzo(a)anthracene
Concen: 42.886 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Instrument :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	31.2	21.4	32.2

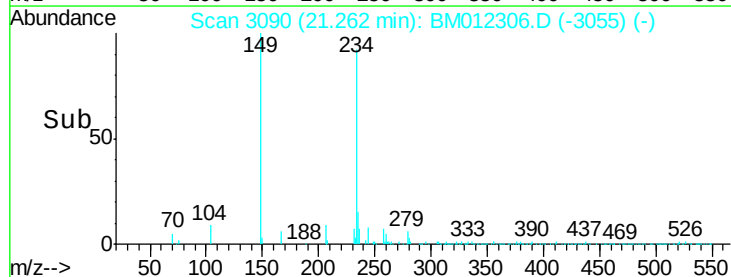
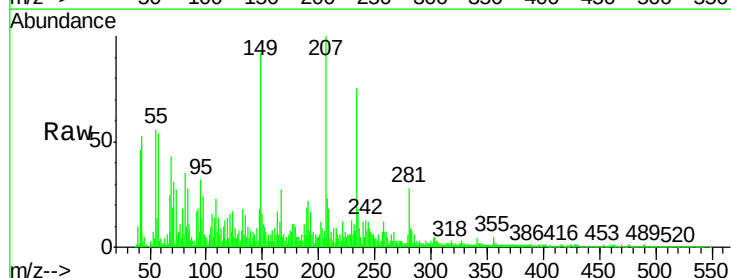
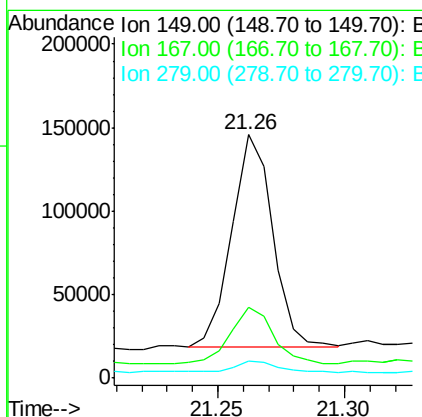
Manual Integrations
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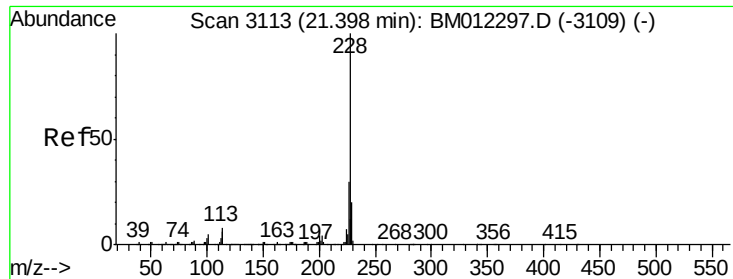
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#81
Bis(2-ethylhexyl)phthalate
Concen: 2.495 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.5	33.7
279	6.9	4.4	6.6





#82

Chrysene

Concen: 37.885 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. 0.01 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Instrument :

BNA_M

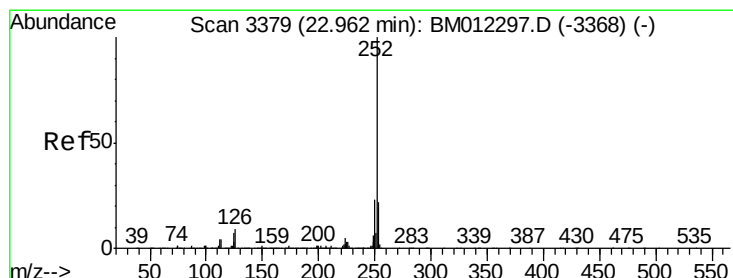
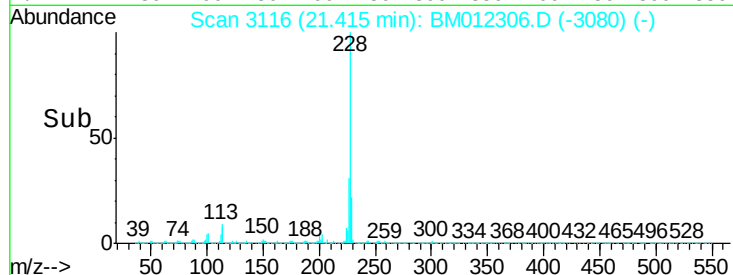
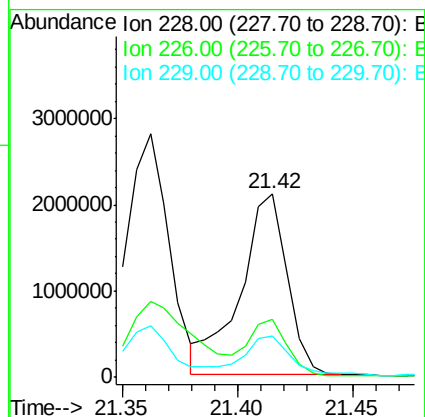
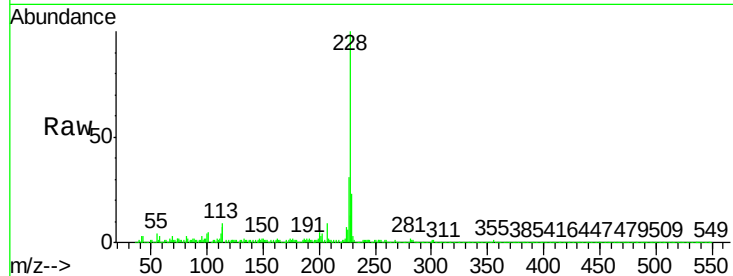
ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	228	Resp:	2993918
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	22.6	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 56.205 ng/ul

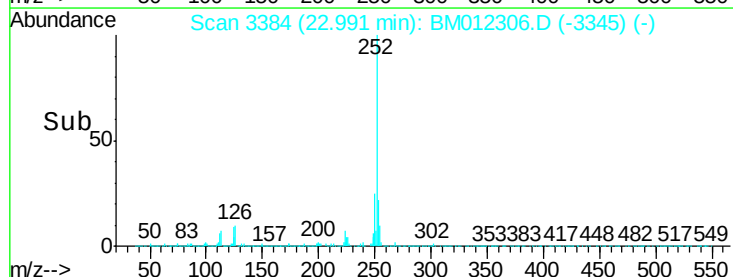
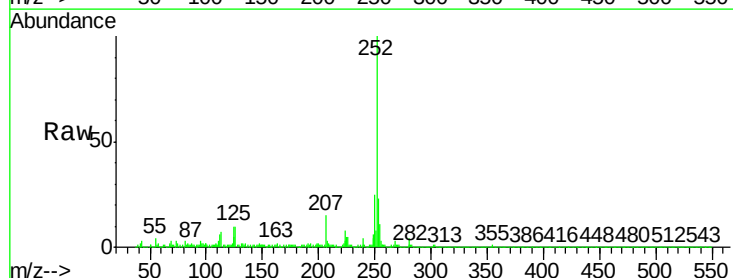
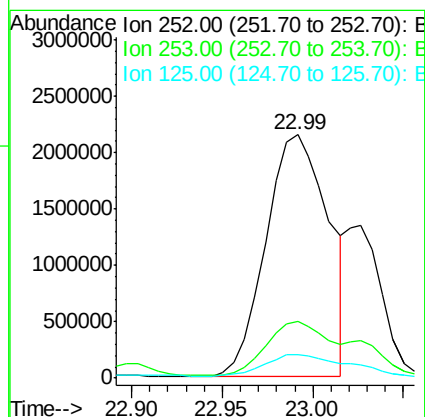
RT: 22.99 min Scan# 3384

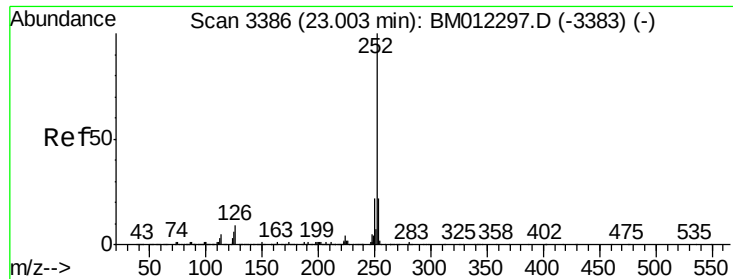
Delta R.T. 0.03 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Tgt Ion:	252	Resp:	5181766
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	9.7	5.1	7.7#





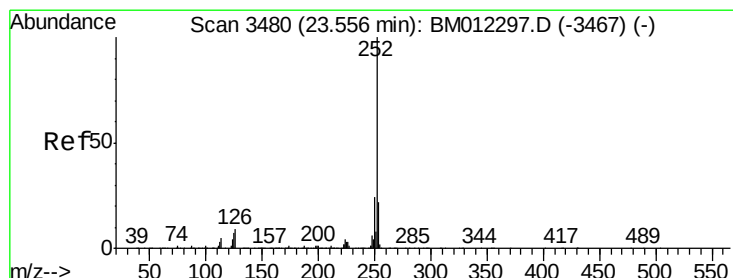
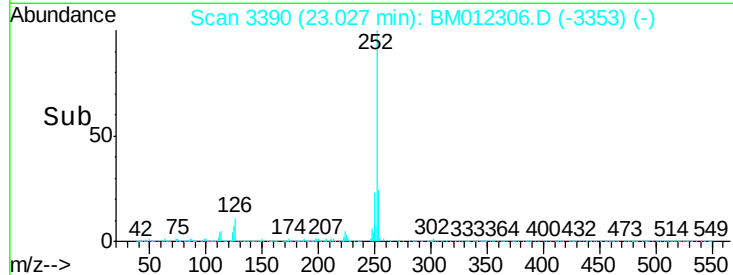
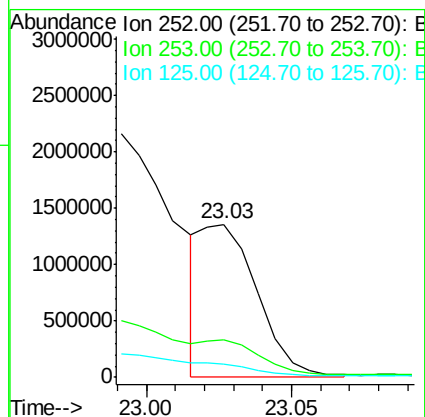
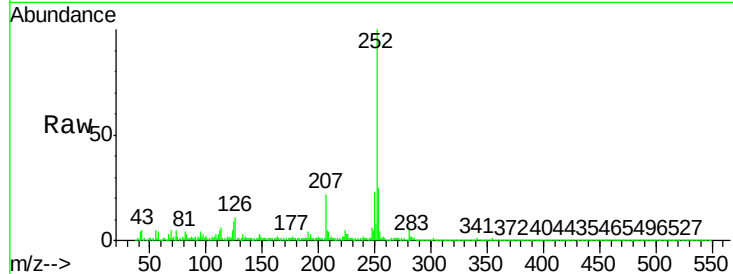
#86
Benzo(k)fluoranthene
Concen: 20.462 ng/ul m
RT: 23.03 min Scan# 3390
Delta R.T. 0.02 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Instrument :
BNA_M
ClientSampleId :
B-4(1-3)-100617

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	8.9	4.9	7.3#

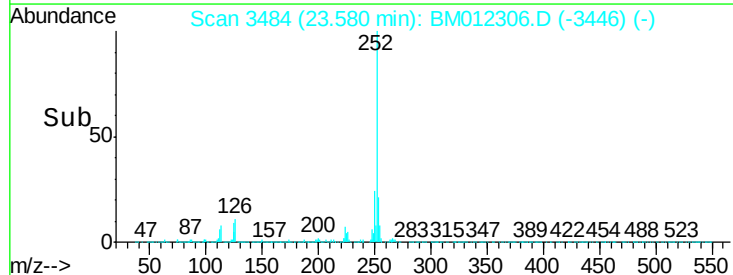
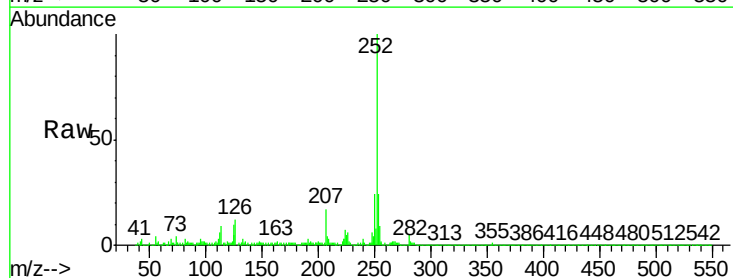
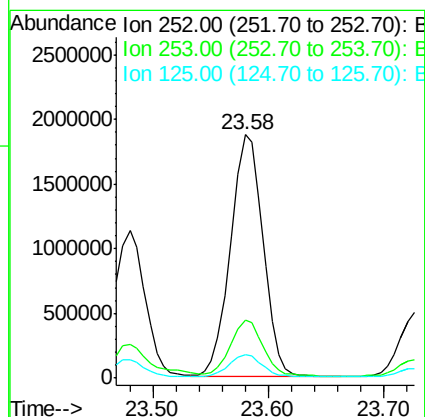
Manual Integrations
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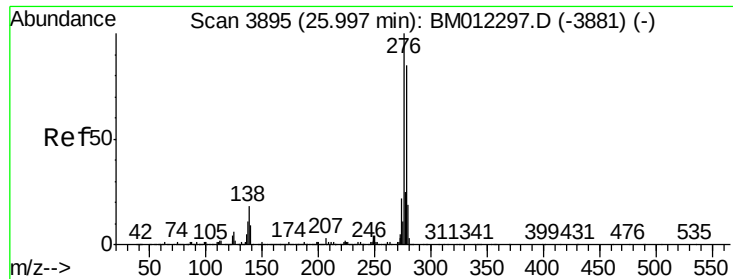
Sohil
10/23/2017 3:50:04 PM



#88
Benzo(a)pyrene
Concen: 42.005 ng/ul
RT: 23.58 min Scan# 3484
Delta R.T. 0.02 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	9.8	5.2	7.8#





#89

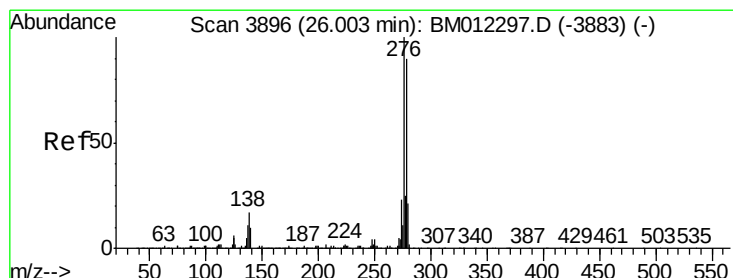
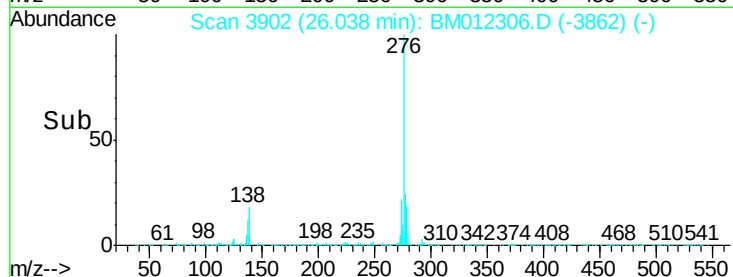
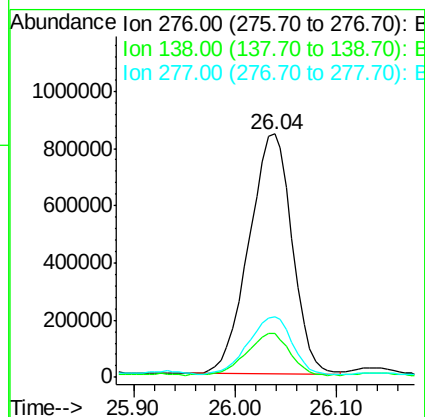
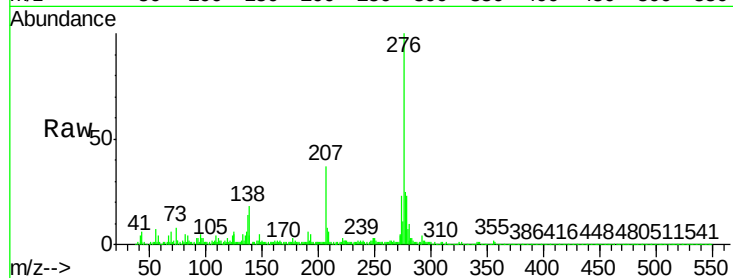
Indeno(1,2,3-cd)pyrene
Concen: 27.050 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.04 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Instrument :
BNA_M
ClientSampleId :
B-4(1-3)-100617

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.9	13.2	19.8
277	24.9	20.6	31.0

Manual Integrations
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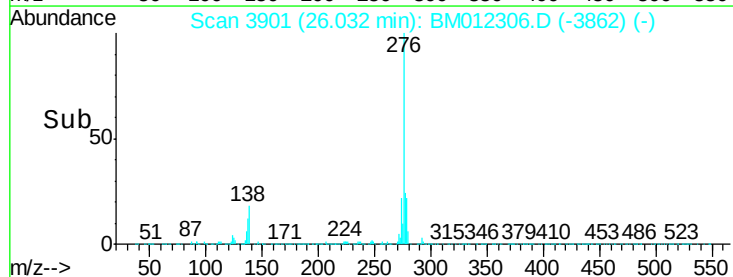
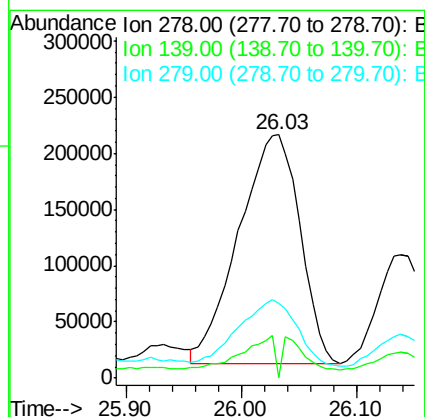
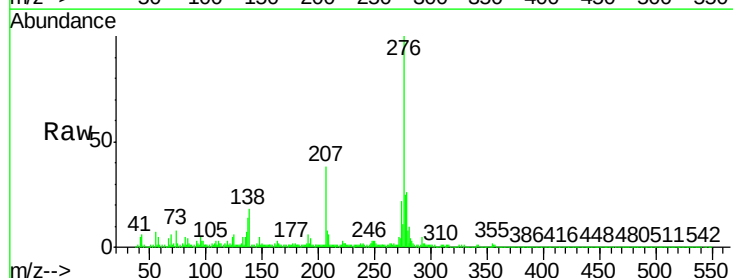
Sohil
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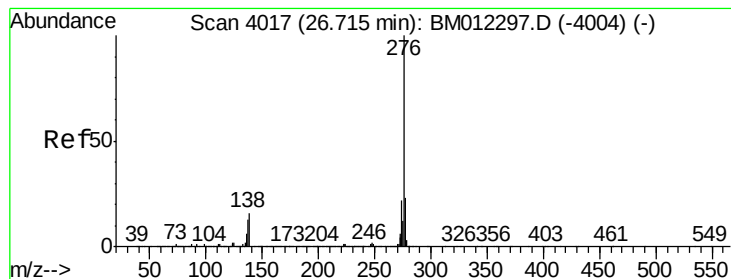


#90

Dibenzo(a,h)anthracene
Concen: 9.658 ng/ul
RT: 26.03 min Scan# 3901
Delta R.T. 0.03 min
Lab File: BM012306.D
Acq: 19 Oct 2017 07:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.3	12.5#
279	30.7	19.3	28.9#





#91

Benzo(g,h,i)perylene

Concen: 22.926 ng/ul

RT: 26.77 min Scan# 4026

Delta R.T. 0.04 min

Lab File: BM012306.D

Acq: 19 Oct 2017 07:25

Instrument :

BNA_M

ClientSampleId :

B-4(1-3)-100617

Tgt Ion:	276	Resp:	1732657
Ion Ratio	Lower	Upper	
276	100		
138	18.1	10.7	16.1#
277	24.6	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/23/2017 3:50:04 PM

