

Data File : BM012300.D
Acq On : 19 Oct 2017 03:50
Operator : SJ/JU
Sample : I5693-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:52 PM

Quant Time: Oct 19 15:10:24 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	7.78	152	201156	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	802653	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	607981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	864690	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	923946	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	962775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8629	2.04	ng/uL	0.00
5) Phenol-d5	6.96	99	188060	11.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	136663	13.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	165591	11.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	133707	9.52	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	108309	17.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	94441	13.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	160170	11.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	2113	0.17	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	636021	11.84	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	831771	12.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	5476	0.68	ng/ul	-0.03
57) Fluorene-d10	15.43	176	551640	12.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	51723	8.72	ng/ul	0.00
70) Anthracene-d10	17.28	188	572042	13.38	ng/ul	0.00
76) Pyrene-d10	19.58	212	627006	13.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	606624	13.07	ng/ul	0.02

Target Compounds

						Qvalue
24) 2,4-Dimethylphenol	9.77	107	98072	6.340	ng/ul#	43
28) Naphthalene	10.63	128	422703	10.179	ng/ul#	96
34) 2-Methylnaphthalene	12.25	142	1119334	35.719	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	107665	2.098	ng/ul	98
44) Dimethylphthalate	13.89	163	368139	6.838	ng/ul	99
49) Acenaphthene	14.50	153	87819	2.041	ng/ul	93
53) Dibenzofuran	14.83	168	64116m	1.035	ng/ul	
58) Fluorene	15.48	166	102074	1.984	ng/ul#	92
69) Phenanthrene	17.23	178	668373	13.588	ng/ul	98
71) Anthracene	17.32	178	109442m	2.149	ng/ul	
73) Di-n-butylphthalate	18.14	149	63223	1.057	ng/ul#	89
74) Fluoranthene	19.24	202	741453	12.490	ng/ul#	95
77) Pyrene	19.61	202	917817	15.042	ng/ul	98
80) Benzo(a)anthracene	21.36	228	558818	9.295	ng/ul#	92
82) Chrysene	21.41	228	630324	11.167	ng/ul#	92
85) Benzo(b)fluoranthene	22.98	252	916906	14.594	ng/ul#	93
86) Benzo(k)fluoranthene	23.01	252	234266m	3.869	ng/ul	
88) Benzo(a)pyrene	23.57	252	611509	10.326	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	26.02	276	514822	8.187	ng/ul	99
90) Dibenzo(a,h)anthracene	26.02	278	136756	2.587	ng/ul#	68
91) Benzo(g,h,i)perylene	26.74	276	465194	9.032	ng/ul#	95

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

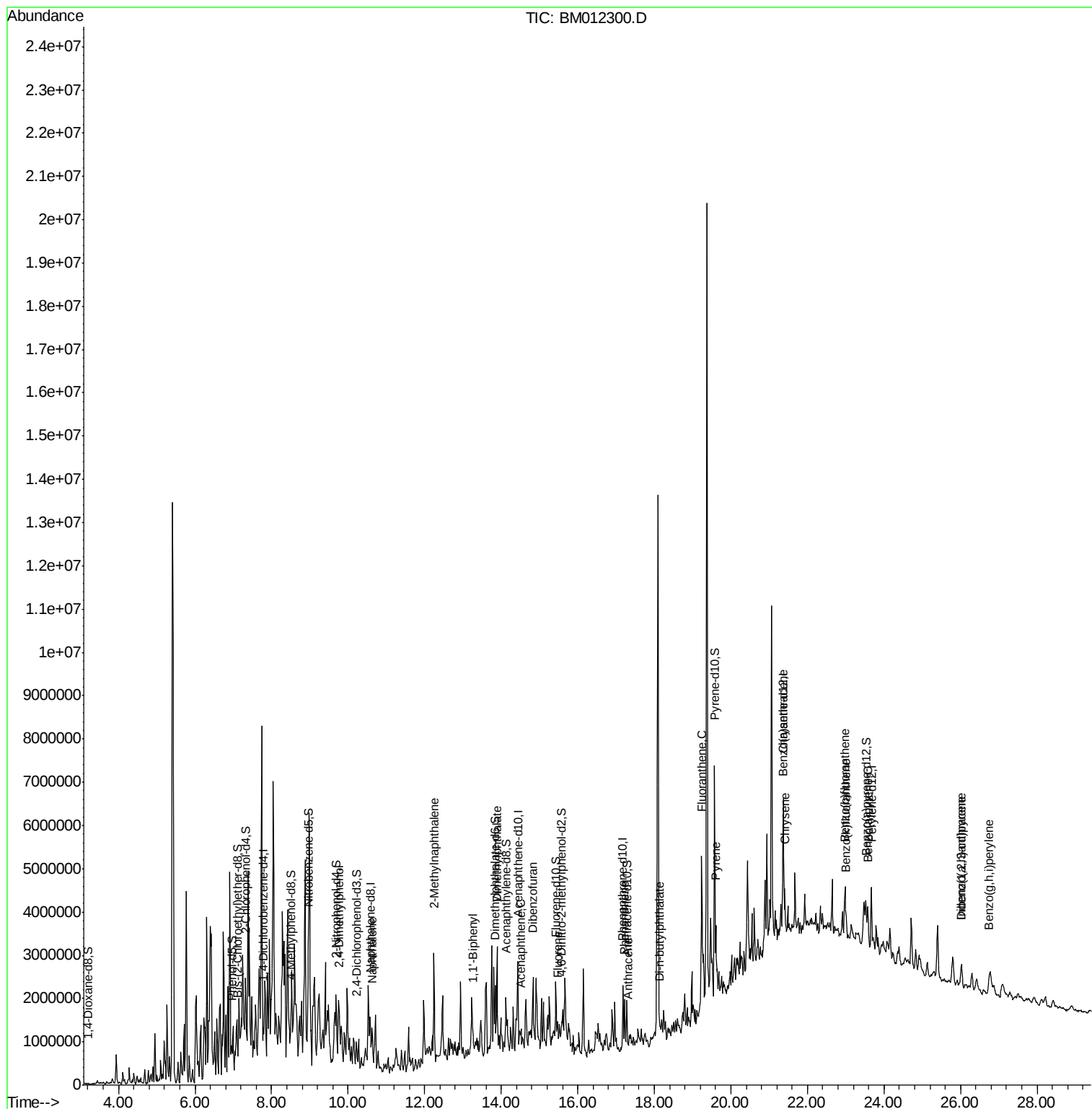
Data File : BM012300.D
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ALS Vial : 19 Sample Multiplier: 1

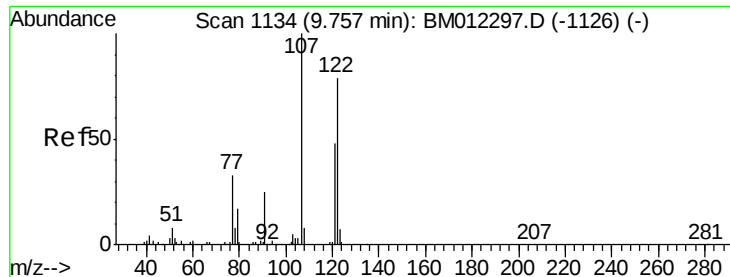
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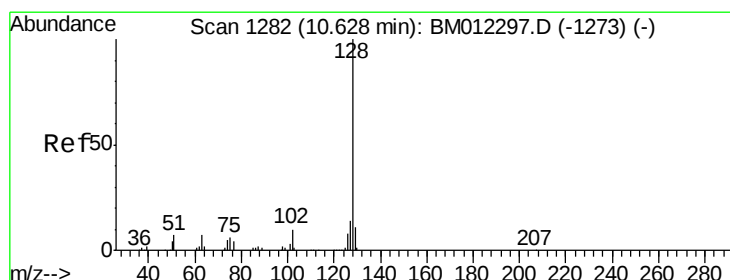
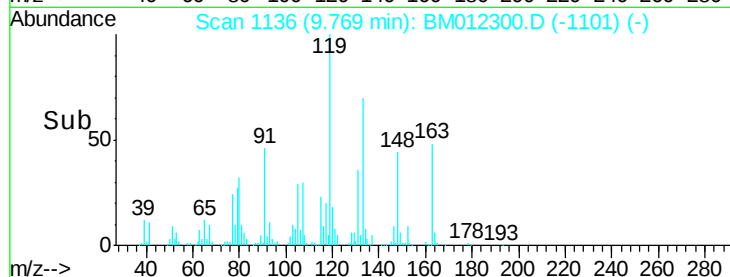
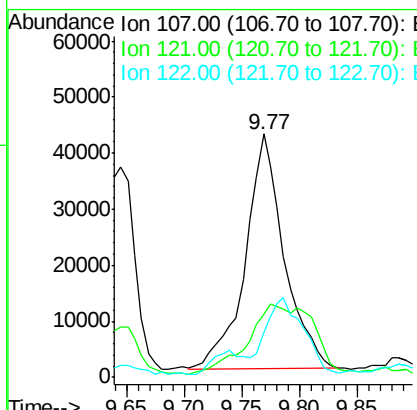
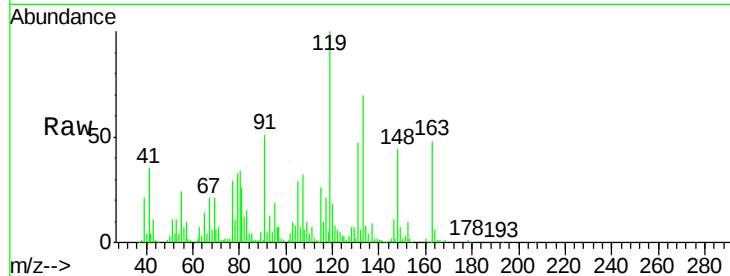
#24
 2,4-Dimethylphenol
 Concen: 6.340 ng/ul
 RT: 9.77 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BM012300.D
 Acq: 19 Oct 2017 03:50

Instrument :
 BNA_M
 ClientSampleId :
 B-30(3-3.8)-100417

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
121	26.0	39.8	59.8#
122	18.4	64.4	96.6#

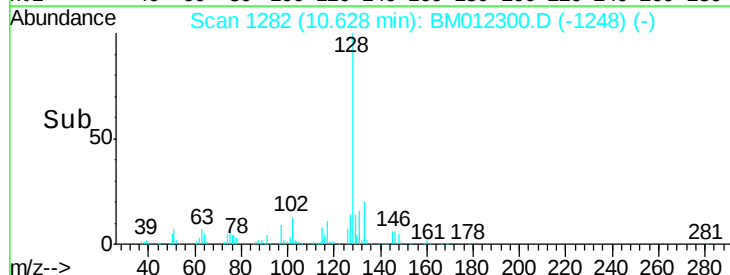
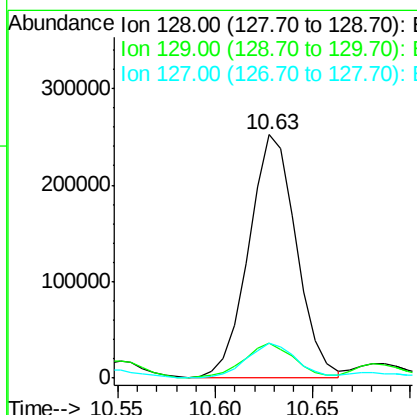
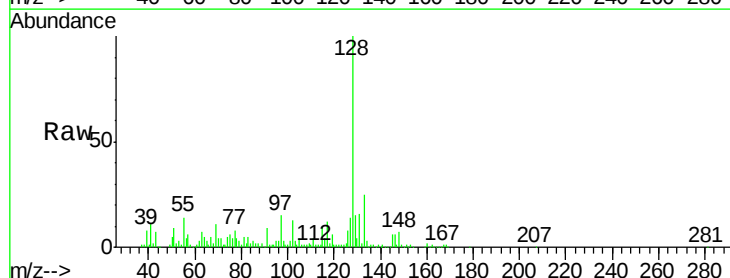
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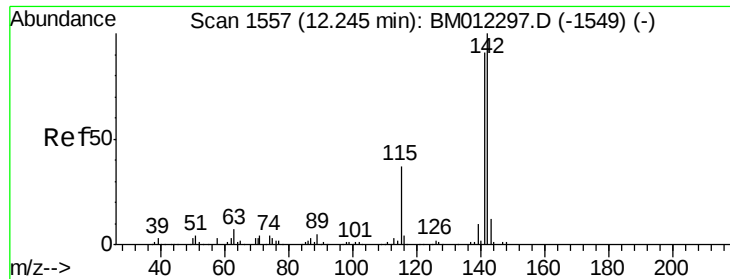
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#28
 Naphthalene
 Concen: 10.179 ng/ul
 RT: 10.63 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BM012300.D
 Acq: 19 Oct 2017 03:50

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	14.6	9.2	13.8#
127	14.4	11.4	17.0





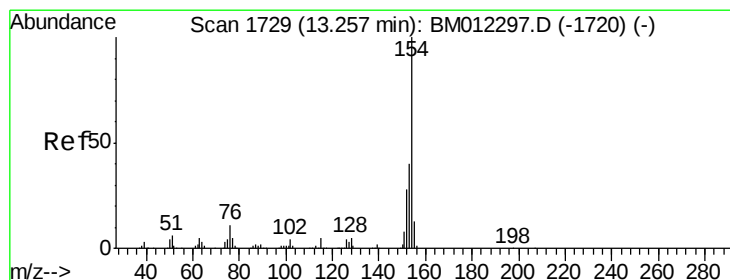
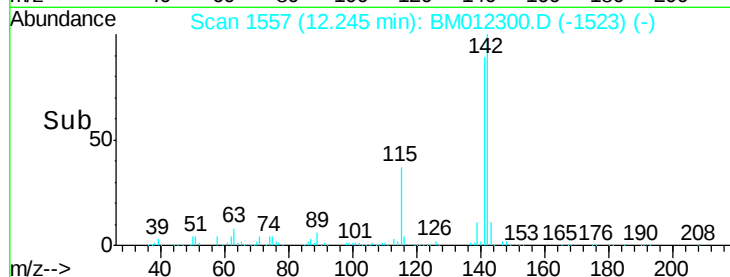
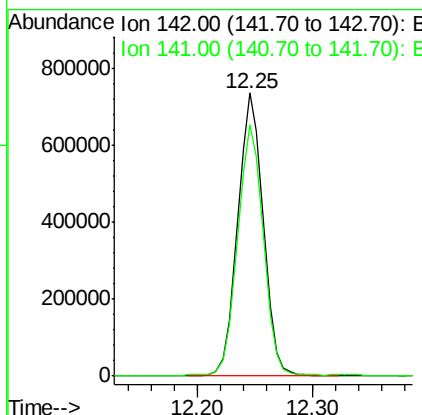
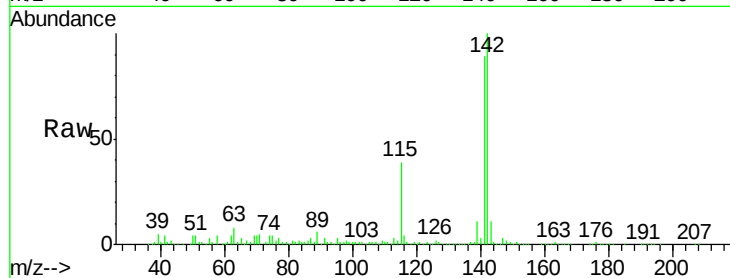
#34
 2-Methylnaphthalene
 Concen: 35.719 ng/ul
 RT: 12.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BM012300.D
 Acq: 19 Oct 2017 03:50

Instrument :
 BNA_M
 ClientSampleId :
 B-30(3-3.8)-100417

Tgt Ion:142 Resp: 1119334
 Ion Ratio Lower Upper
 142 100
 141 88.9 73.6 110.4

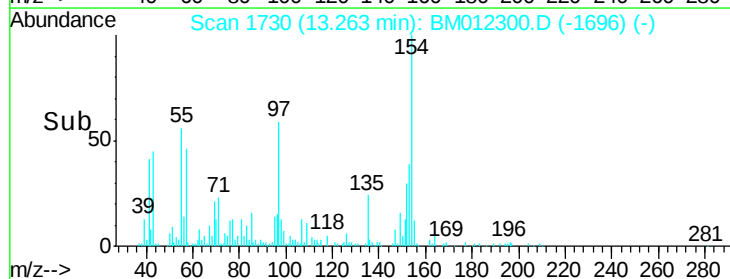
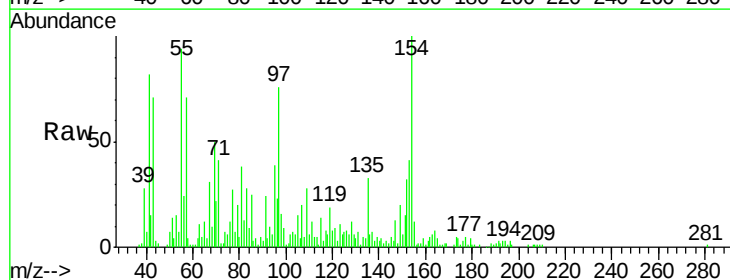
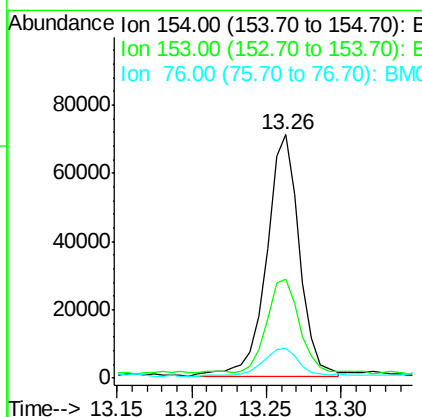
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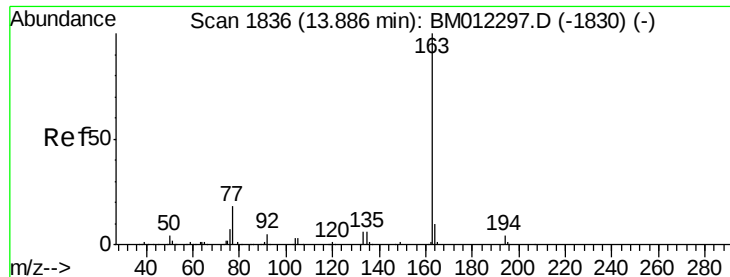
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#40
 1,1'-Biphenyl
 Concen: 2.098 ng/ul
 RT: 13.26 min Scan# 1730
 Delta R.T. 0.00 min
 Lab File: BM012300.D
 Acq: 19 Oct 2017 03:50

Tgt Ion:154 Resp: 107665
 Ion Ratio Lower Upper
 154 100
 153 40.7 33.0 49.4
 76 12.3 8.2 12.4





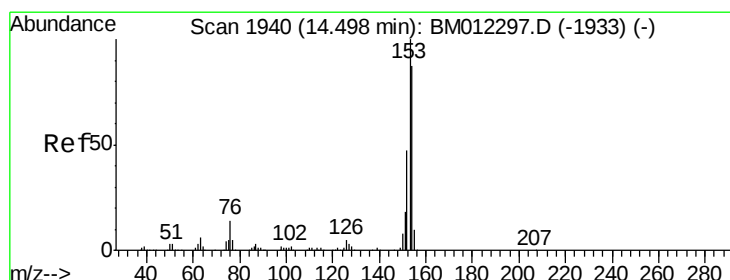
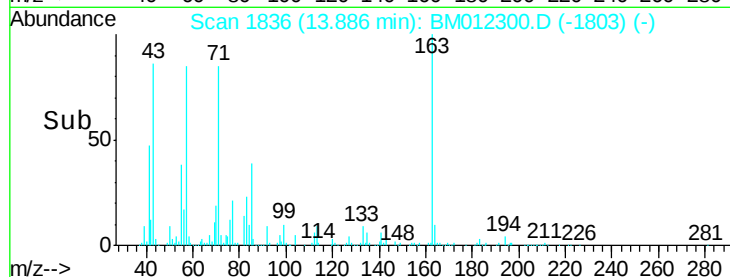
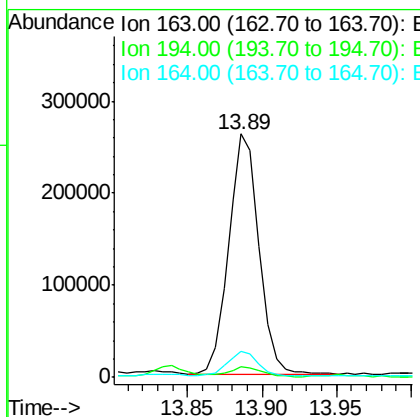
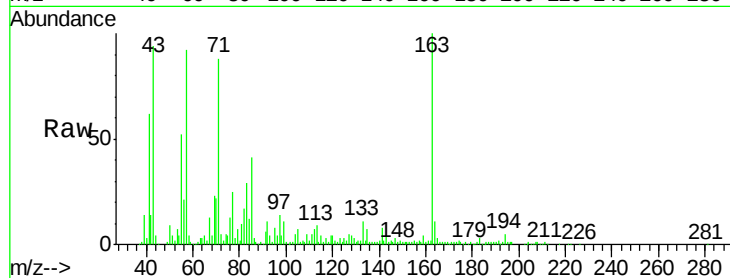
#44
Dimethylphthalate
Concen: 6.838 ng/ul
RT: 13.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Instrument :
BNA_M
ClientSampled :
B-30(3-3.8)-100417

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	368139		
194	4.5	3.7	5.5	
164	10.9	8.1	12.1	

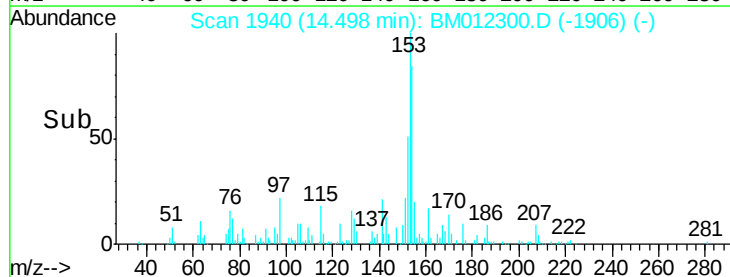
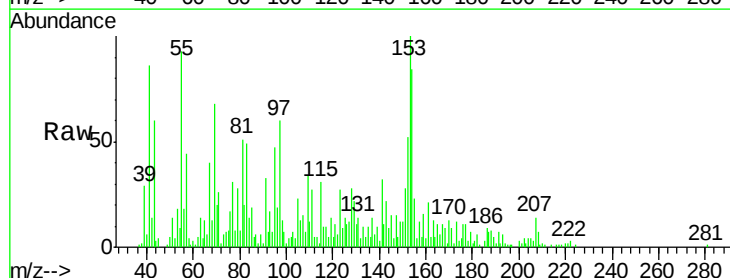
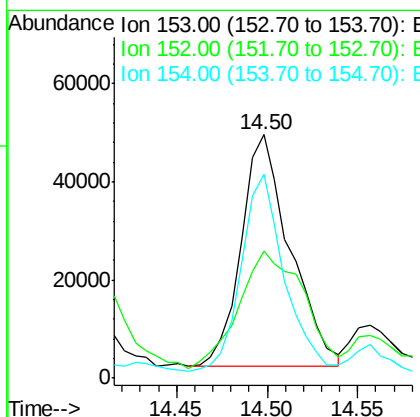
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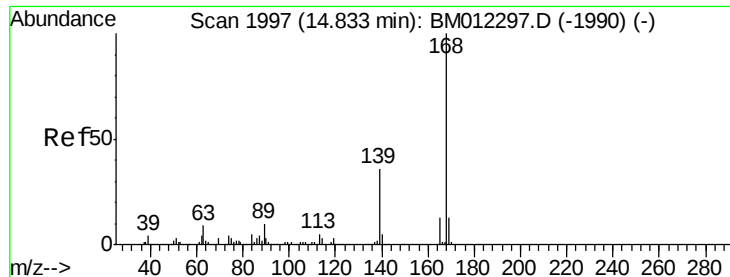
Sohil
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#49
Acenaphthene
Concen: 2.041 ng/ul
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	87819		
152	52.5	37.4	56.0	
154	83.6	71.1	106.7	





#53

Dibenzofuran

Concen: 1.035 ng/ul m

RT: 14.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

Instrument :

BNA_M

ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:168 Resp: 64116

Ion Ratio Lower Upper

168 100

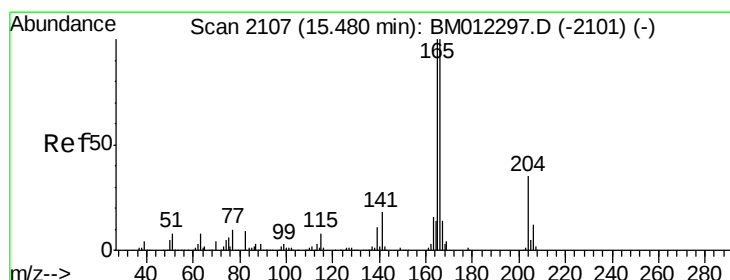
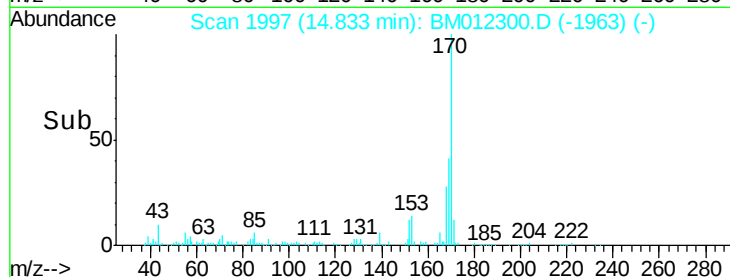
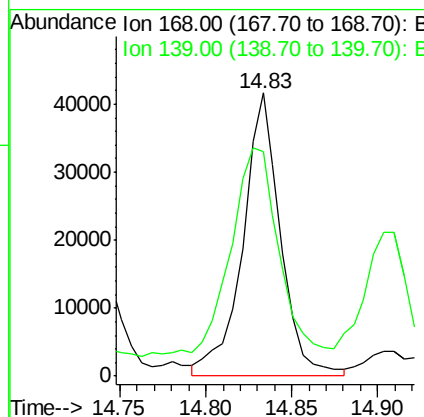
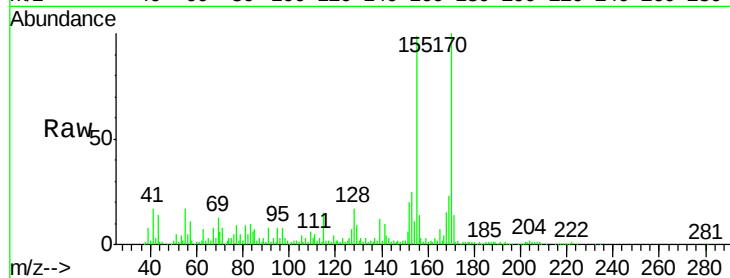
139 79.3 30.2 45.2#

Manual Integrations

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#58

Fluorene

Concen: 1.984 ng/ul

RT: 15.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

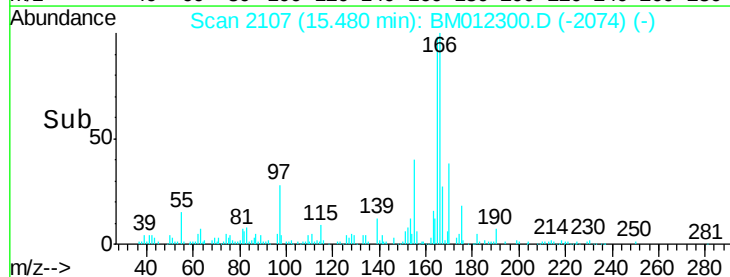
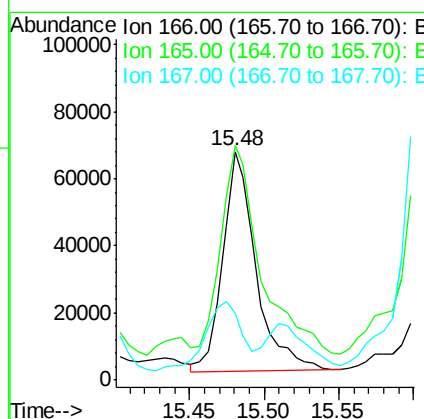
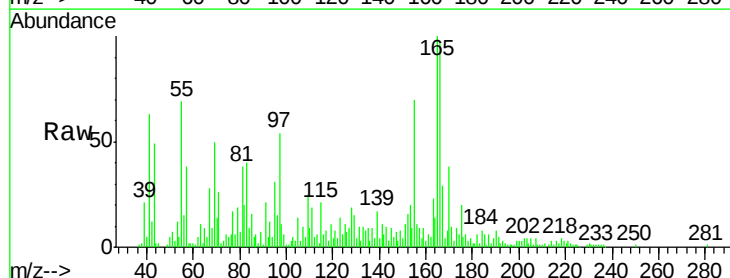
Tgt Ion:166 Resp: 102074

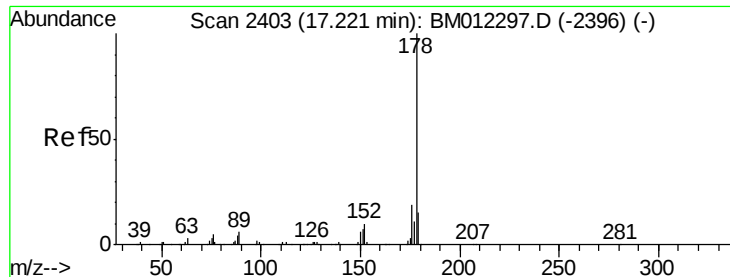
Ion Ratio Lower Upper

166 100

165 102.8 79.0 118.6

167 29.4 10.8 16.2#





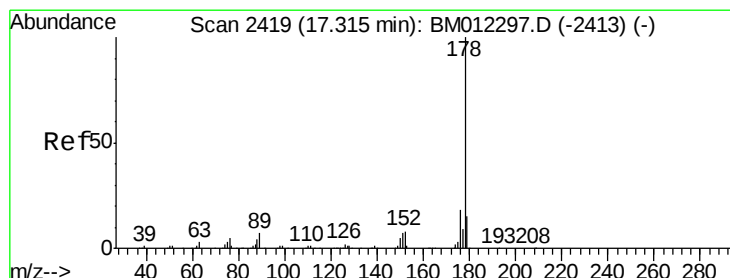
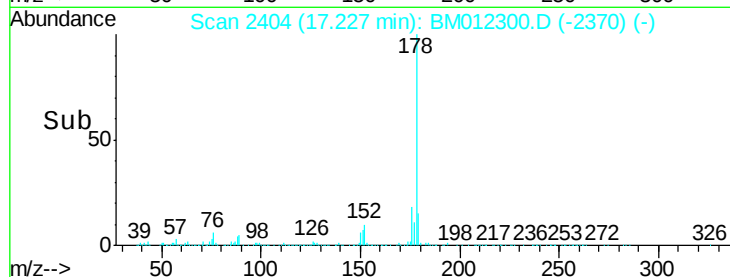
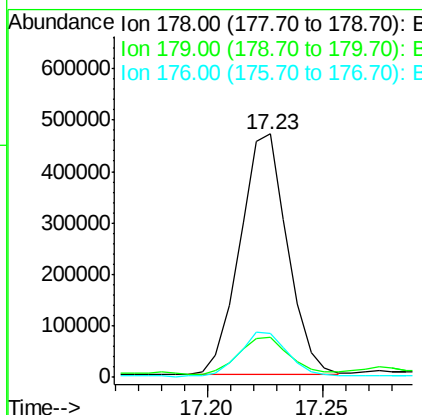
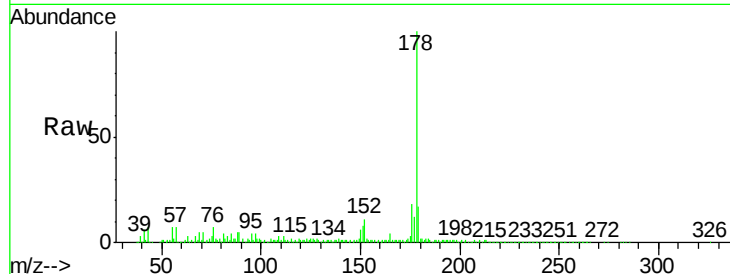
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Phenanthrene
Concen: 13.588 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Instrument :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.0	18.0
176	18.3	15.0	22.6

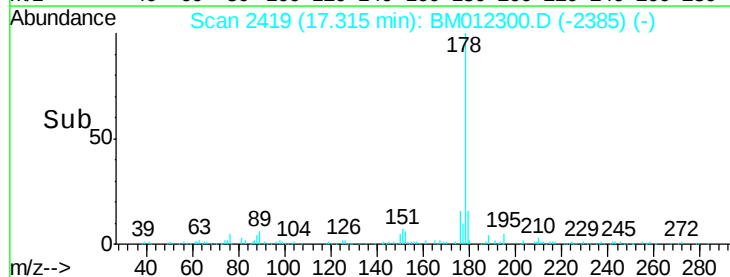
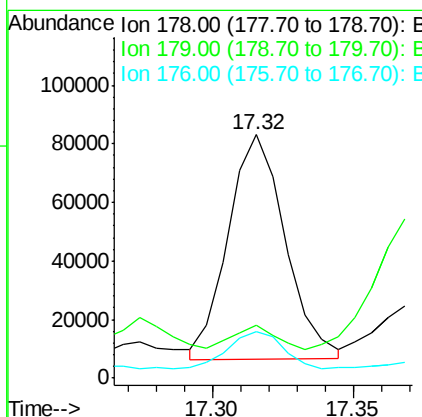
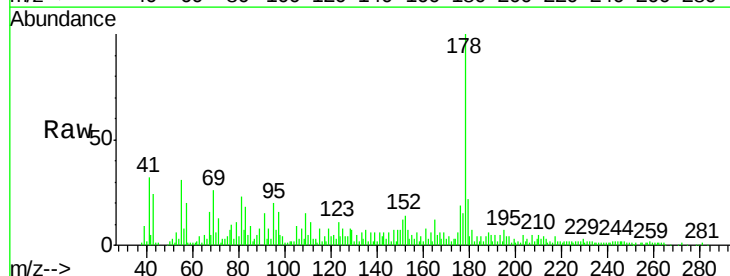
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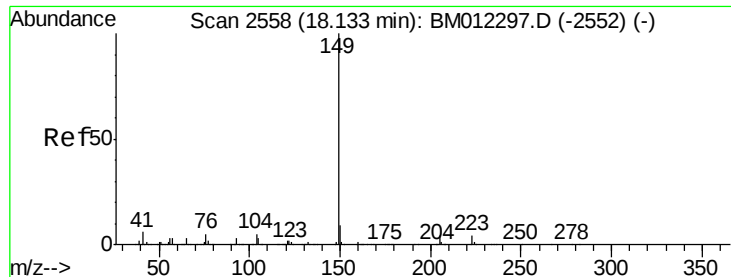
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#71
Anthracene
Concen: 2.149 ng/ul m
RT: 17.32 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.2	18.4#
176	19.2	14.7	22.1





#73

Di-n-butylphthalate

Concen: 1.057 ng/ul

RT: 18.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

Instrument :

BNA_M

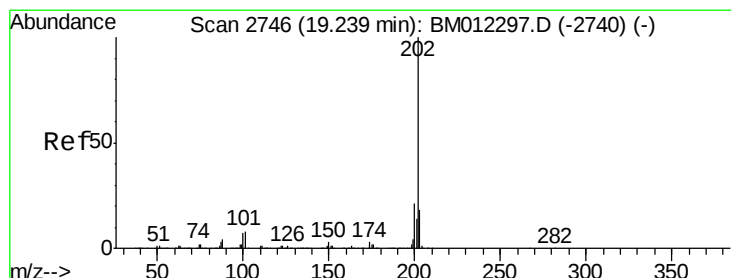
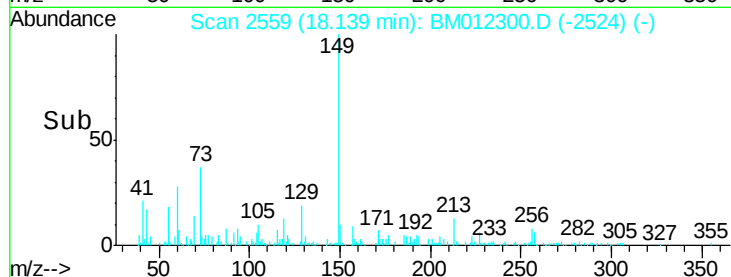
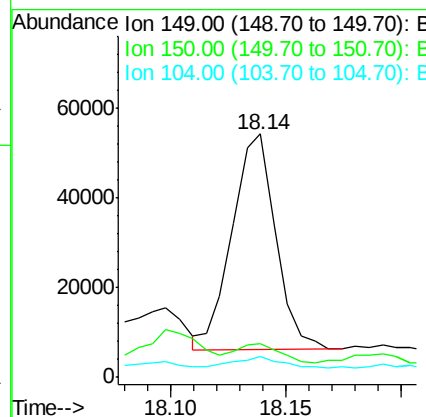
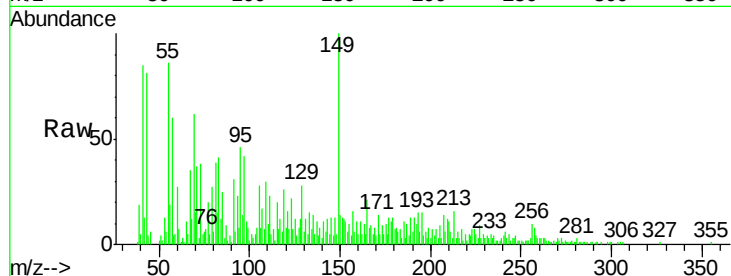
ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:	149	Resp:	63223
Ion Ratio	Lower	Upper	
149	100		
150	13.7	7.4	11.0#
104	8.5	4.2	6.4#

Manual Integrations
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#74

Fluoranthene

Concen: 12.490 ng/ul

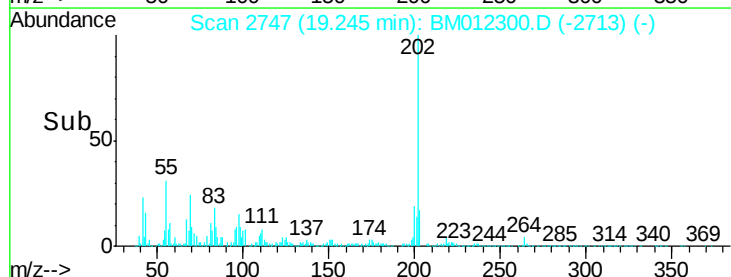
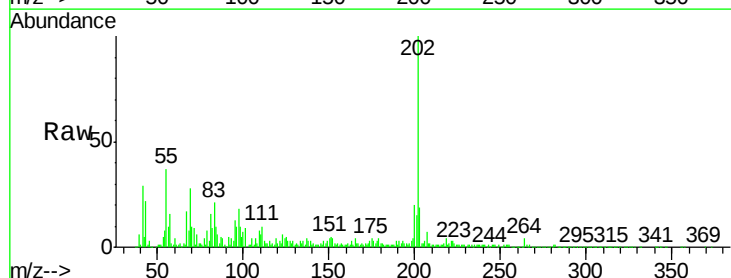
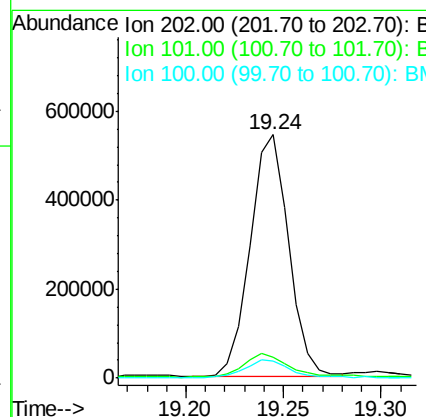
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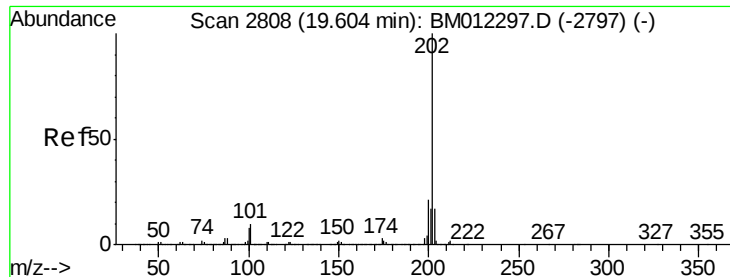
Delta R.T. 0.00 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

Tgt Ion:	202	Resp:	741453
Ion Ratio	Lower	Upper	
202	100		
101	8.8	5.8	8.6#
100	7.2	4.3	6.5#





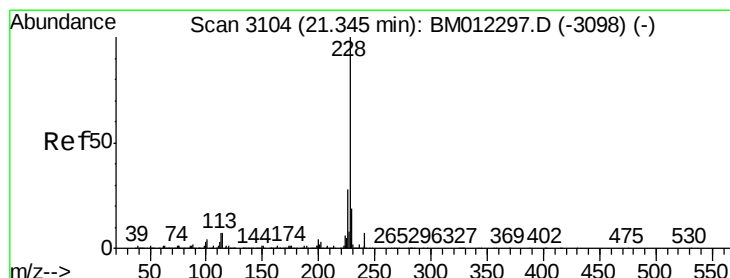
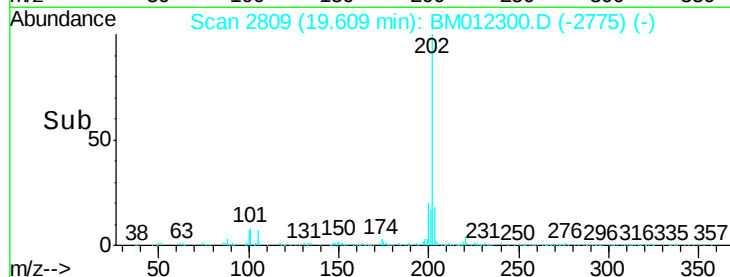
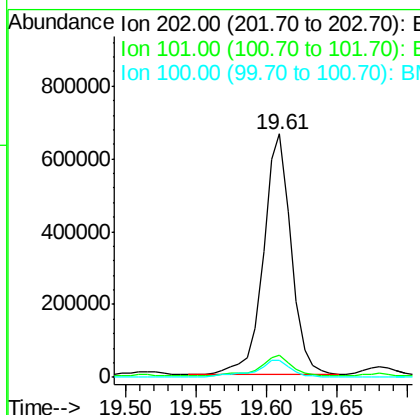
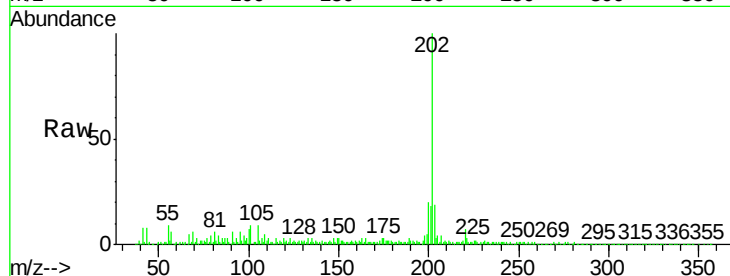
#77
 Pyrene
 Concen: 15.042 ng/ul
 RT: 19.61 min Scan# 2809
 Delta R.T. 0.00 min
 Lab File: BM012300.D
 Acq: 19 Oct 2017 03:50

Instrument :
 BNA_M
 ClientSampleId :
 B-30(3-3.8)-100417

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	917817		
101	9.4	6.5	9.7	
100	7.0	5.6	8.4	

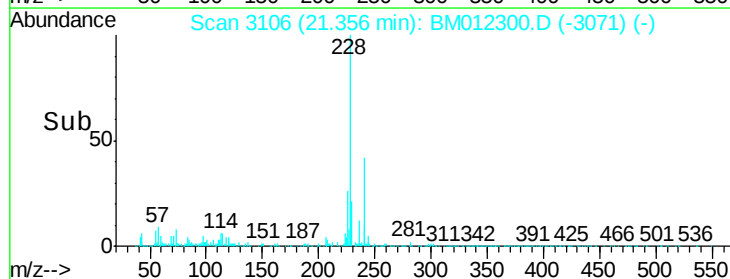
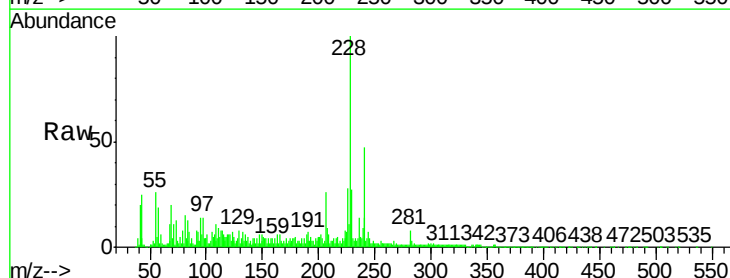
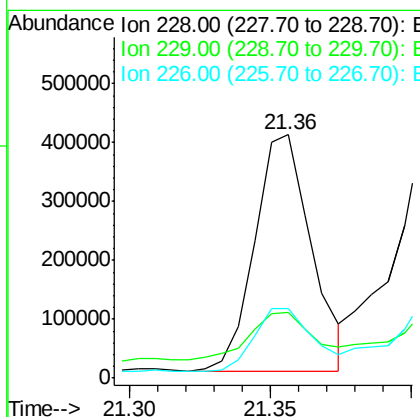
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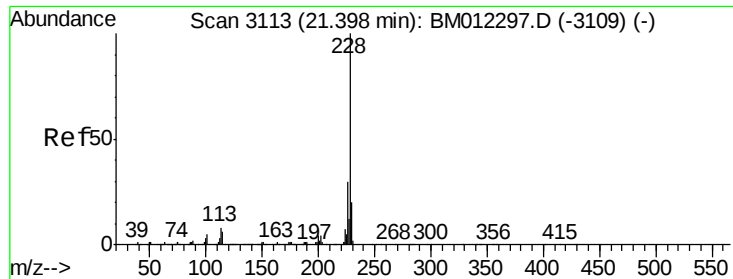
Sohil
 10/23/2017 3:49:52 PM



#80
 Benzo(a)anthracene
 Concen: 9.295 ng/ul
 RT: 21.36 min Scan# 3106
 Delta R.T. 0.01 min
 Lab File: BM012300.D
 Acq: 19 Oct 2017 03:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	558818		
229	26.8	15.8	23.8#	
226	28.3	21.4	32.2	





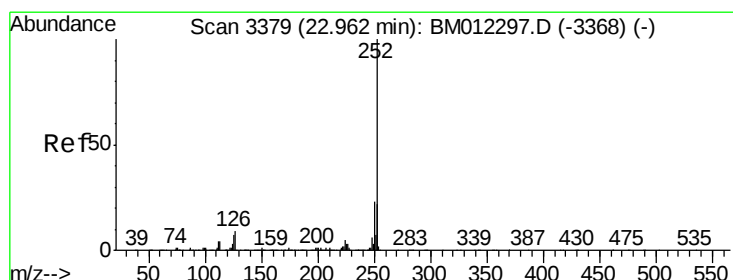
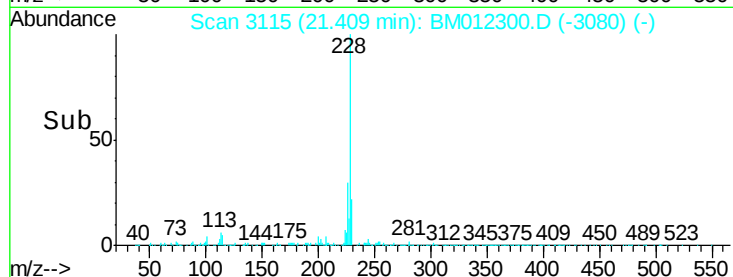
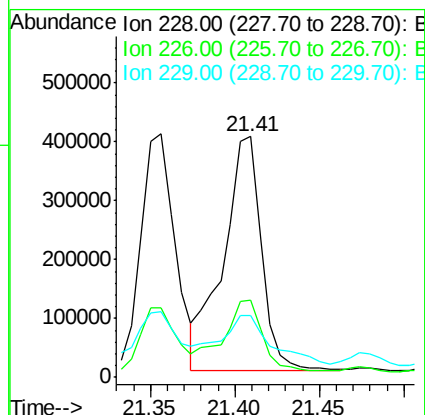
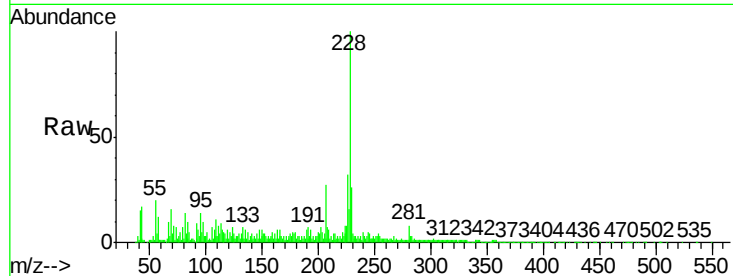
#82
Chrysene
Concen: 11.167 ng/ul
RT: 21.41 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.0	36.0
229	25.6	15.5	23.3

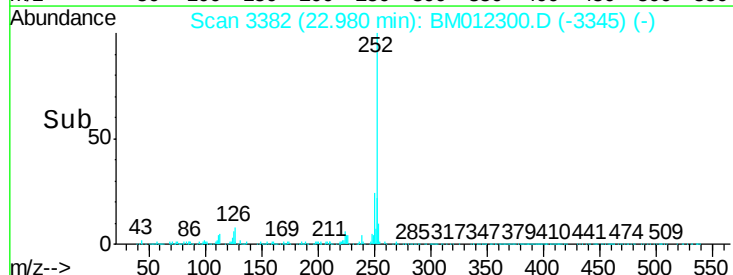
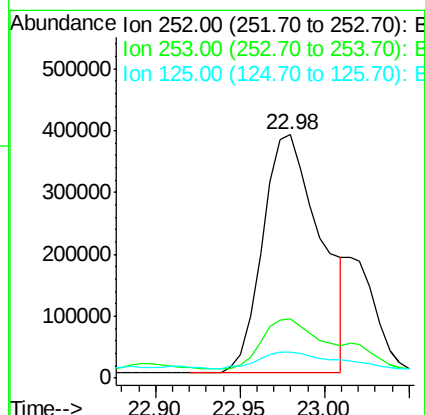
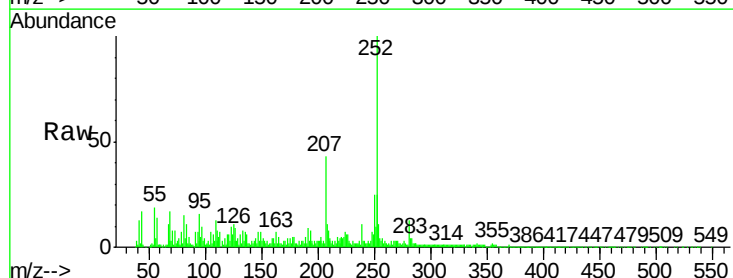
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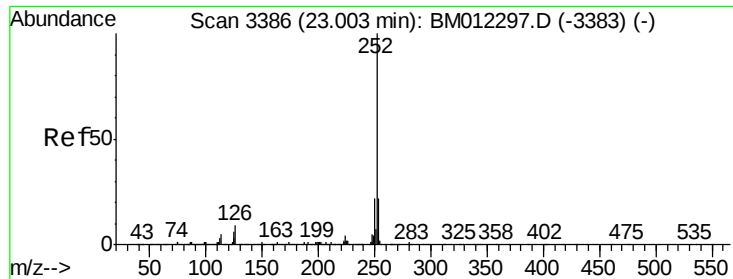
Sohil
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#85
Benzo(b)fluoranthene
Concen: 14.594 ng/ul
RT: 22.98 min Scan# 3382
Delta R.T. 0.02 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	10.5	5.1	7.7





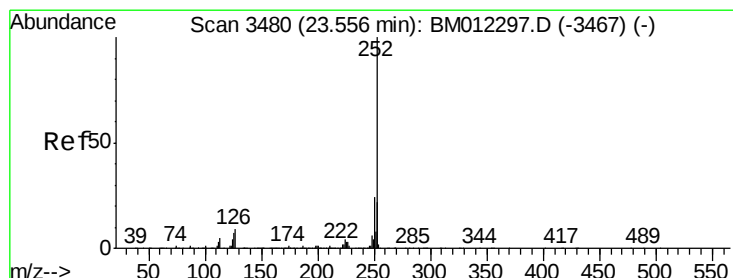
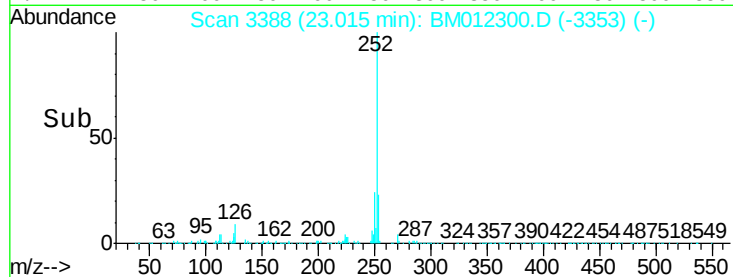
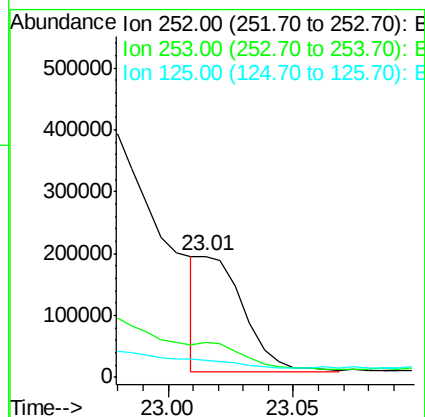
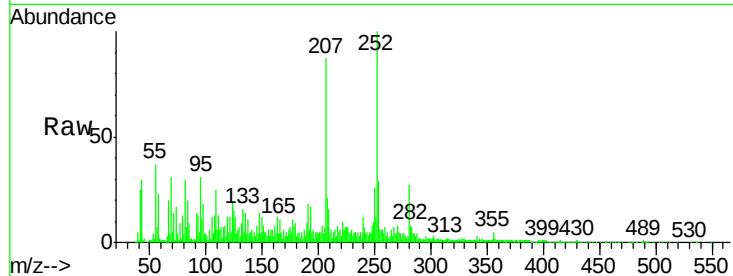
#86
Benzo(k)fluoranthene
Concen: 3.869 ng/ul m
RT: 23.01 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Instrument :
BNA_M
ClientSampleId :
B-30(3-3.8)-100417

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.8	26.6#
125	14.7	4.9	7.3#

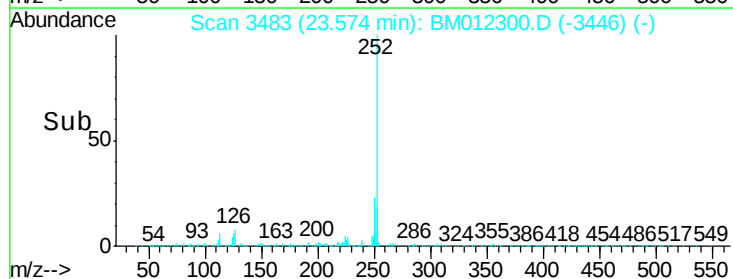
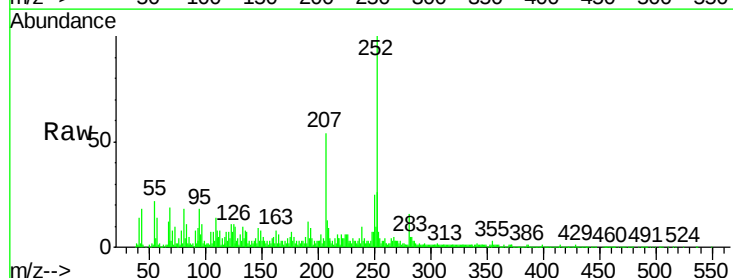
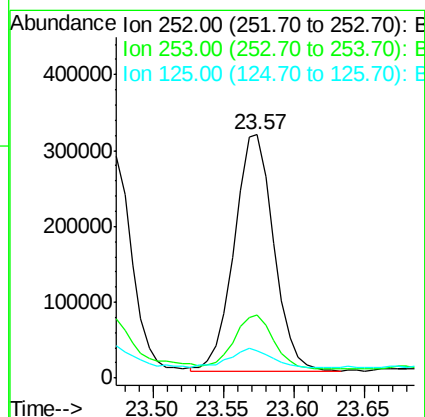
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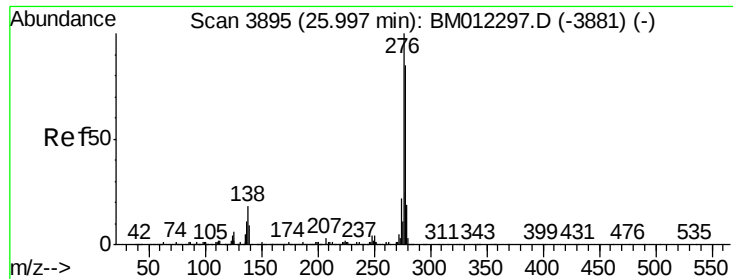
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#88
Benzo(a)pyrene
Concen: 10.326 ng/ul
RT: 23.57 min Scan# 3483
Delta R.T. 0.02 min
Lab File: BM012300.D
Acq: 19 Oct 2017 03:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	11.1	5.2	7.8#





#89

Indeno(1,2,3-cd)pyrene

Concen: 8.187 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. 0.02 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

Instrument :

BNA_M

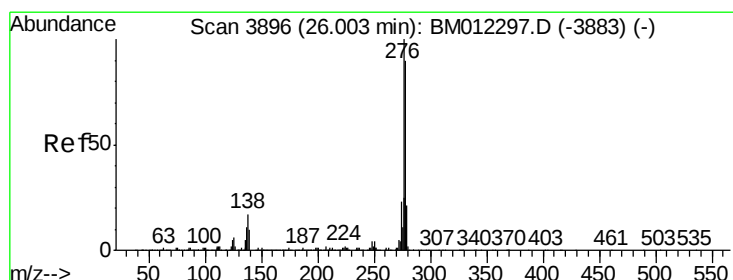
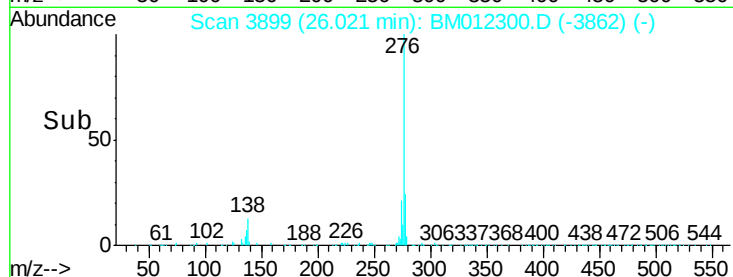
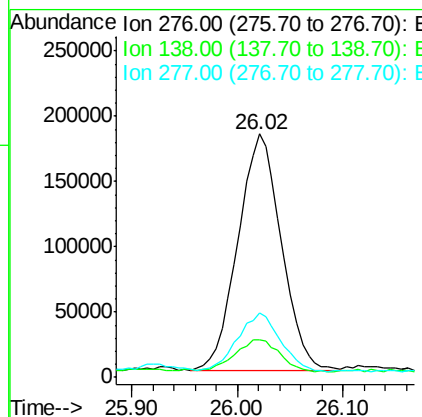
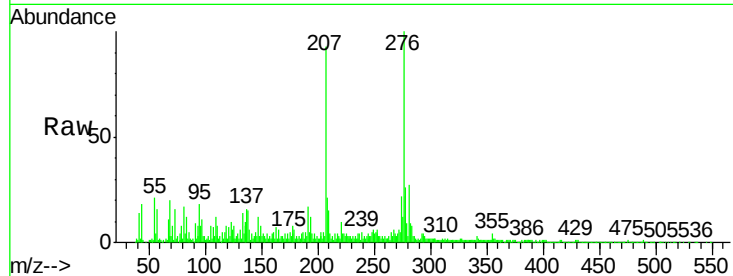
ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:	276	Resp:	514822
Ion Ratio		Lower	Upper
276	100		
138	15.5	13.2	19.8
277	26.3	20.6	31.0

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 2.587 ng/ul

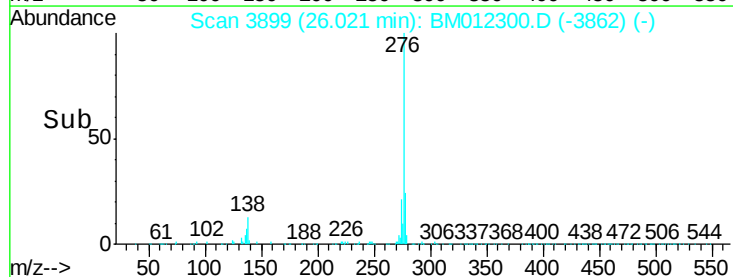
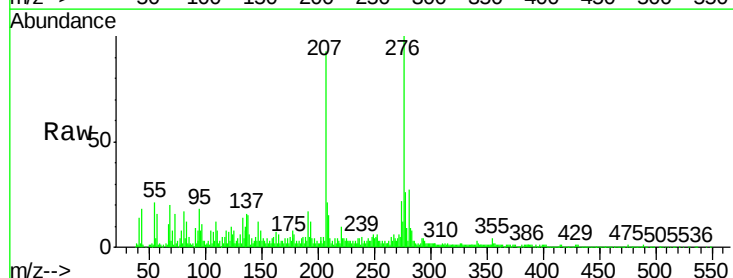
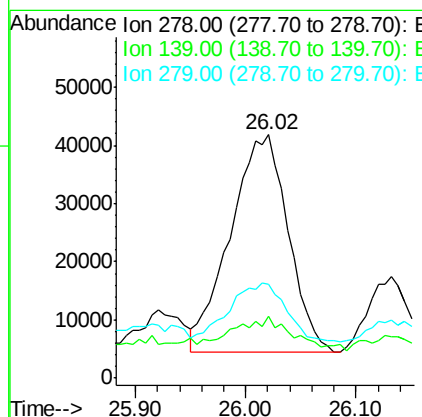
RT: 26.02 min Scan# 3899

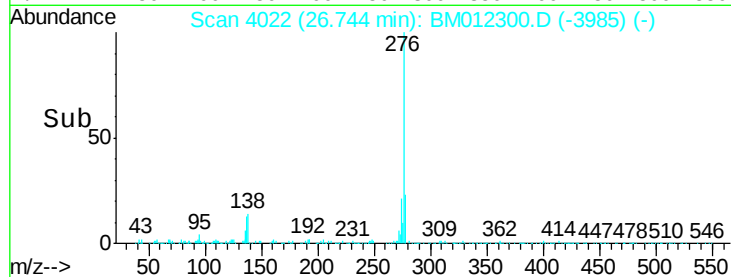
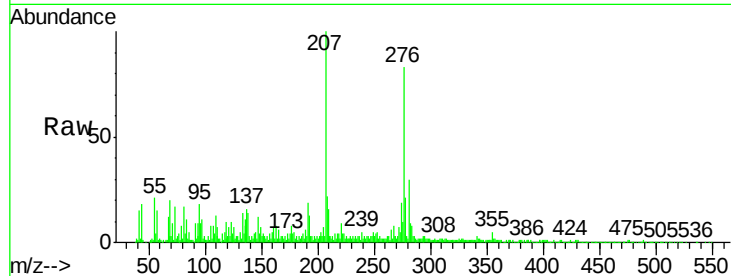
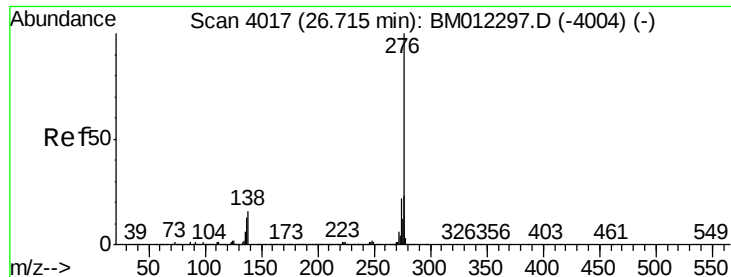
Delta R.T. 0.02 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

Tgt Ion:	278	Resp:	136756
Ion Ratio		Lower	Upper
278	100		
139	25.5	8.3	12.5#
279	38.4	19.3	28.9#





#91

Benzo(g,h,i)perylene

Concen: 9.032 ng/ul

RT: 26.74 min Scan# 4022

Delta R.T. 0.02 min

Lab File: BM012300.D

Acq: 19 Oct 2017 03:50

Instrument :

BNA_M

ClientSampleId :

B-30(3-3.8)-100417

Tgt Ion:	276	Resp:	465194
Ion Ratio		Lower	Upper
276	100		
138	16.6	10.7	16.1#
277	25.6	19.0	28.4

Manual Integrations
APPROVED

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