

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BM102517\
 Data File : BM012444.D
 Acq On : 25 Oct 2017 14:16
 Operator : SJ/JU
 Sample : I5747-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-34(0-1)-100617

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:47:51 PM

Quant Time: Jun 23 03:47:35 2018
 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	599872	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2484721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1561524	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	3350278	20.00	ng/ul	0.01
75) Chrysene-d12	21.42	240	2516712	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	2525301	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	35532	3.03	ng/uL	0.00
5) Phenol-d5	7.05	99	895262	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	664807	22.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	724073	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	960555	22.43	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	387943	24.93	ng/ul	0.01
22) 2-Nitrophenol-d4	9.76	143	398449	24.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	811719	19.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	1171061	26.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	2518894	18.47	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	3255026	20.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	203224	10.02	ng/ul	0.01
57) Fluorene-d10	15.50	176	2257668	19.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	61339	3.78	ng/ul	0.01
70) Anthracene-d10	17.35	188	3340793	20.92	ng/ul	0.00
76) Pyrene-d10	19.64	212	2994666	25.94	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	2422425	20.19	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.07	94	220172	4.220	ng/ul 90
16) 4-Methylphenol	8.65	108	240425	5.584	ng/ul 90
24) 2,4-Dimethylphenol	9.89	107	684095	13.650	ng/ul 98
28) Naphthalene	10.73	128	1033587	8.389	ng/ul# 95
34) 2-Methylnaphthalene	12.33	142	2195350	21.943	ng/ul 97
40) 1,1'-Biphenyl	13.34	154	261307	2.098	ng/ul 98
44) Dimethylphthalate	13.97	163	1311311m	9.718	ng/ul
49) Acenaphthene	14.57	153	264372	2.506	ng/ul 95
58) Fluorene	15.56	166	384664	2.914	ng/ul# 88
69) Phenanthrene	17.30	178	2740987	15.129	ng/ul 97
71) Anthracene	17.39	178	505455m	2.699	ng/ul
74) Fluoranthene	19.30	202	2615132	12.738	ng/ul# 94
77) Pyrene	19.67	202	2591455	18.107	ng/ul# 94
80) Benzo(a)anthracene	21.40	228	1212774	8.047	ng/ul# 92
81) Bis(2-ethylhexyl)phthalate	21.34	149	357257	4.164	ng/ul 95
82) Chrysene	21.46	228	1281665	9.565	ng/ul# 94
85) Benzo(b)fluoranthene	23.04	252	1821099	11.666	ng/ul# 92
86) Benzo(k)fluoranthene	23.09	252	602565m	4.101	ng/ul
88) Benzo(a)pyrene	23.64	252	1307880	8.787	ng/ul# 94
89) Indeno(1,2,3-cd)pyrene	26.08	276	1178624	6.728	ng/ul# 95
90) Dibenzo(a,h)anthracene	26.09	278	308592	2.078	ng/ul# 70
91) Benzo(a,h,i)perylene	26.80	276	1132612	7.978	ng/ul# 91

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

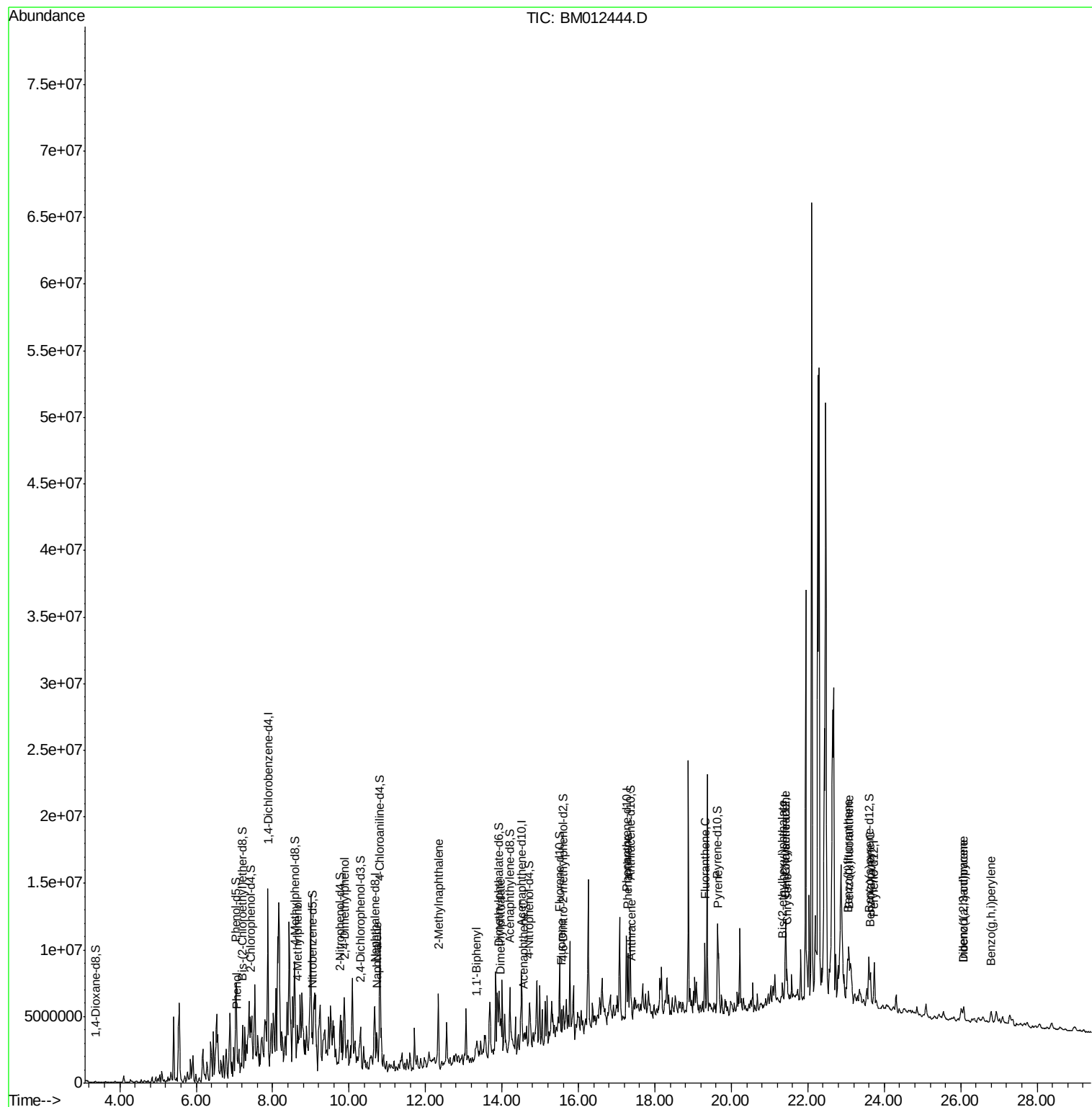
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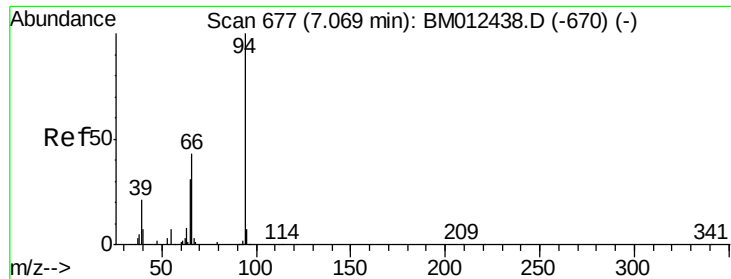
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#6

Phenol

Concen: 4.220 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. 0.01 min

Lab File: BM012444.D

Acq: 25 Oct 2017 14:16

Instrument :

BNA_M

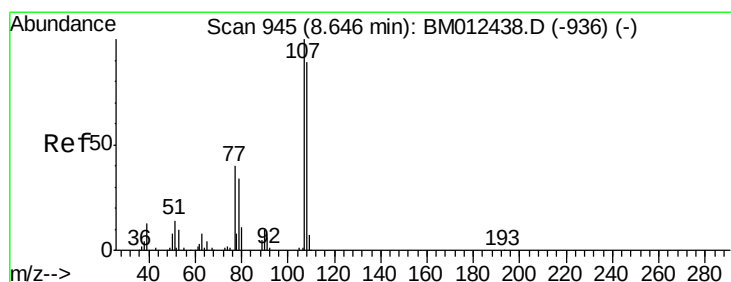
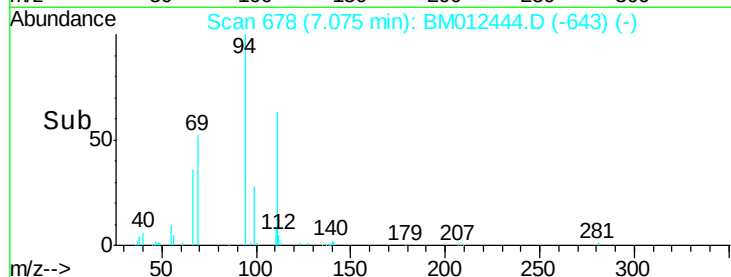
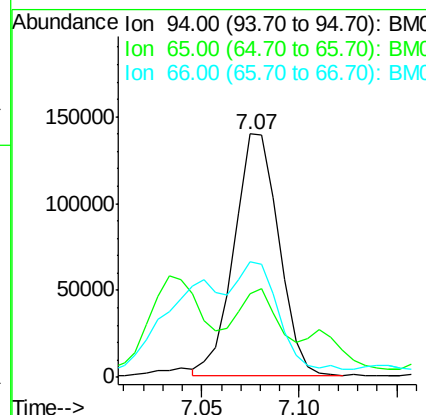
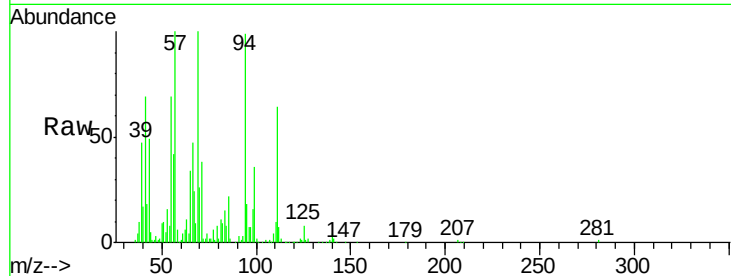
ClientSampled :

B-34(0-1)-100617

Tot Ion	94	Resp	220172
Ion Ratio	Lower	Upper	
94	100		
65	34.2	28.2	42.4
66	47.4	47.2	70.8

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#16

4-Methylphenol

Concen: 5.584 ng/ul

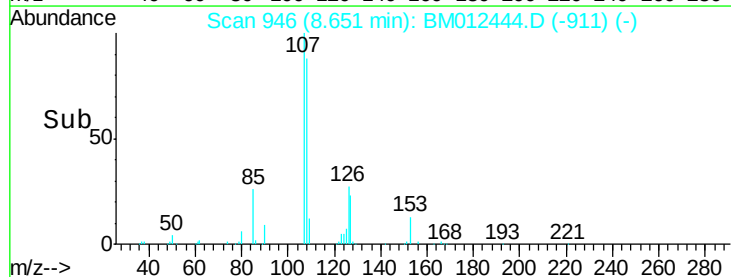
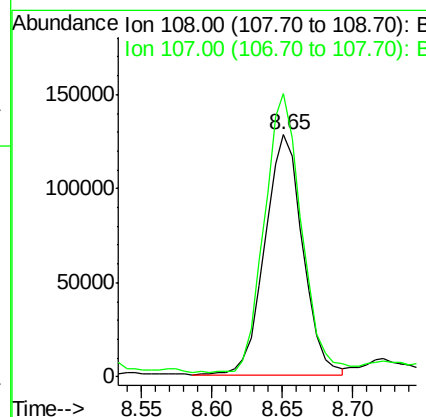
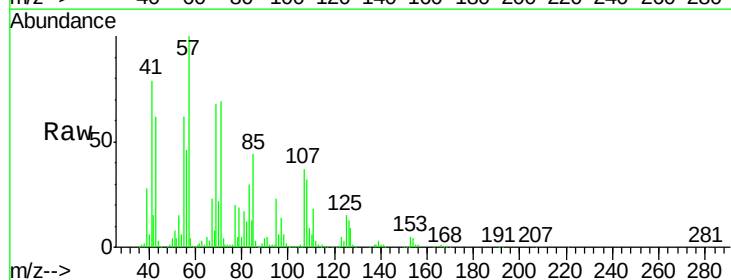
RT: 8.65 min Scan# 946

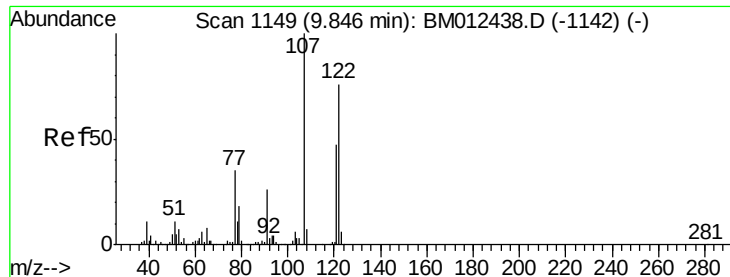
Delta R.T. 0.01 min

Lab File: BM012444.D

Acq: 25 Oct 2017 14:16

Tgt Ion	108	Resp	240425
Ion Ratio	Lower	Upper	
108	100		
107	116.8	84.9	127.3





#24

2,4-Dimethylphenol

Concen: 13.650 ng/ul

RT: 9.89 min Scan# 1156

Delta R.T. 0.04 min

Lab File: BM012444.D

Acq: 25 Oct 2017 14:16

Instrument :

BNA_M

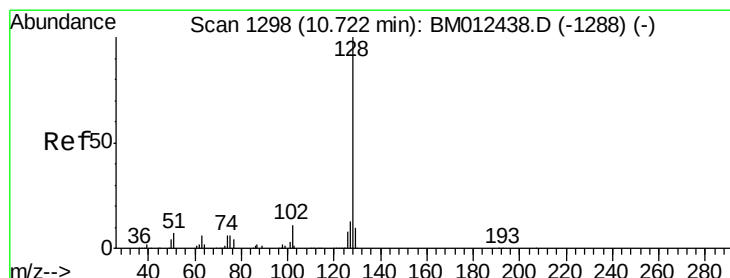
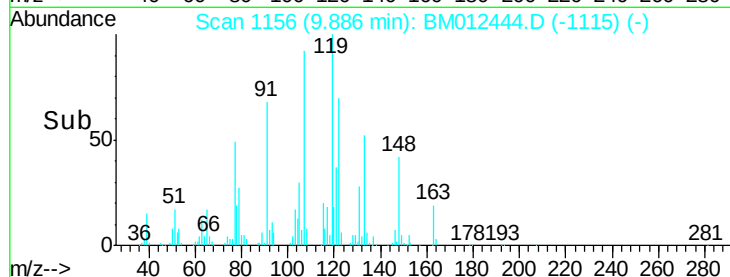
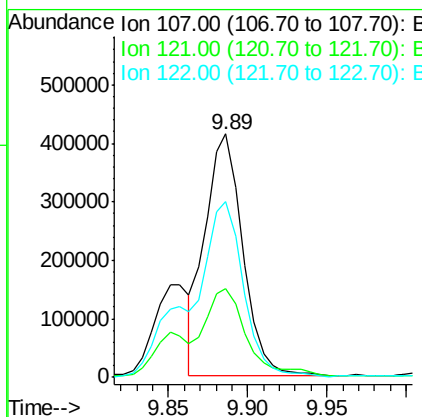
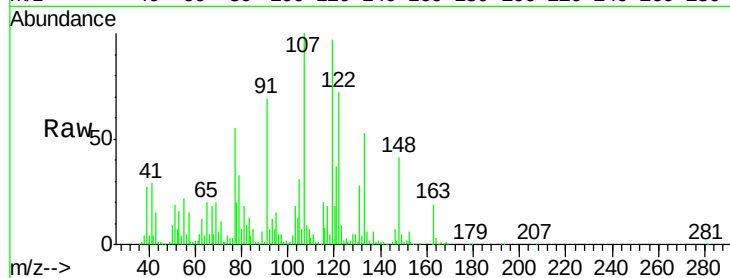
ClientSampleId :

B-34(0-1)-100617

Tot Ion:	107	Resp:	684095
Ion Ratio	Lower	Upper	
107	100		
121	36.6	31.9	47.9
122	72.0	57.8	86.6

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#28

Naphthalene

Concen: 8.389 ng/ul

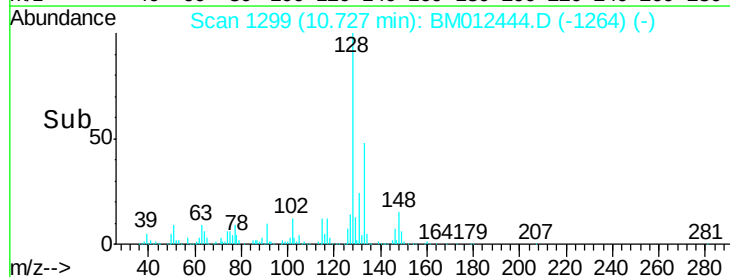
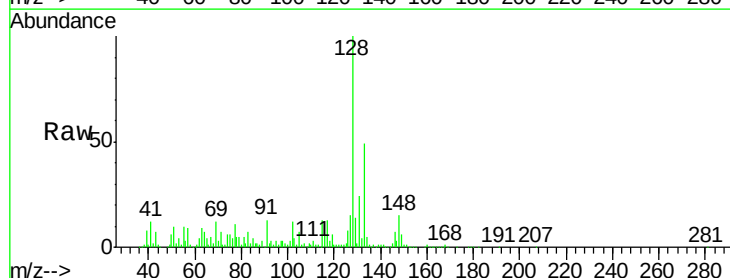
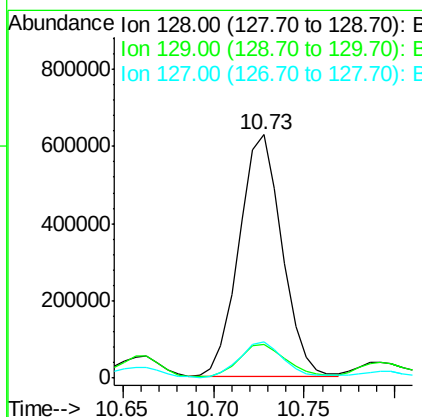
RT: 10.73 min Scan# 1299

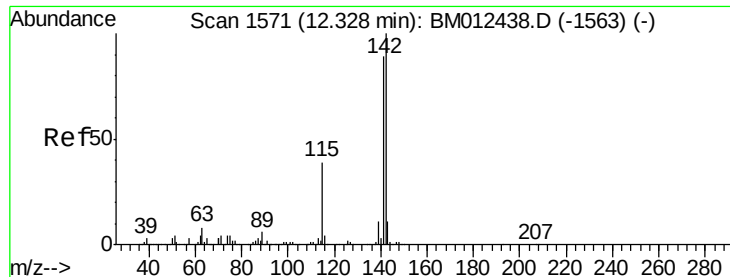
Delta R.T. 0.01 min

Lab File: BM012444.D

Acq: 25 Oct 2017 14:16

Tgt Ion:	128	Resp:	1033587
Ion Ratio	Lower	Upper	
128	100		
129	13.7	8.8	13.2#
127	14.7	10.6	16.0





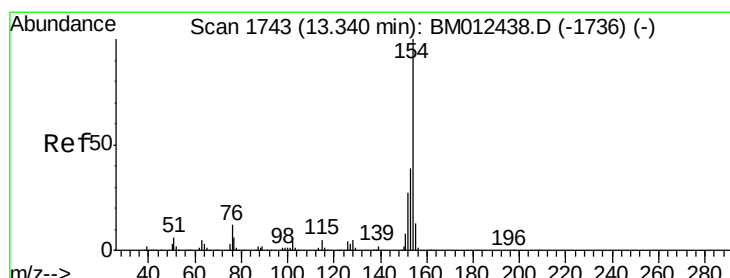
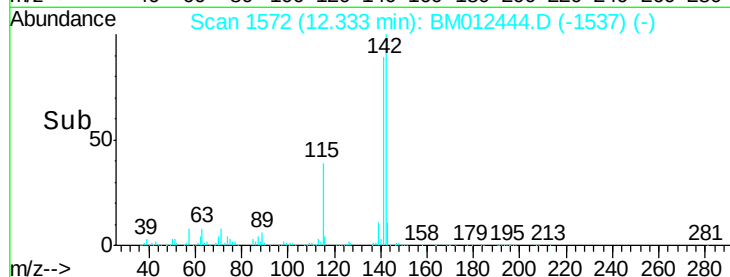
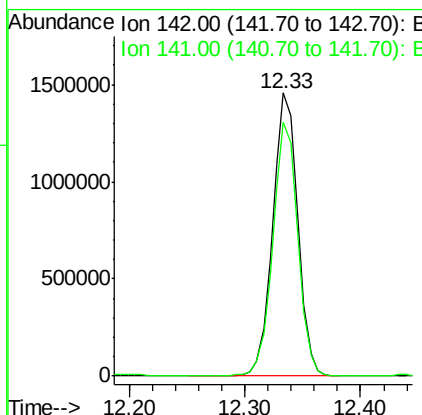
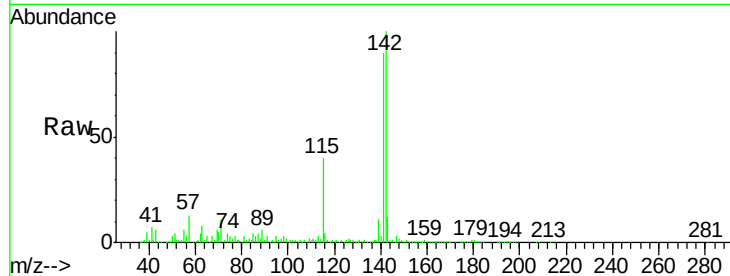
#34
 2-Methylnaphthalene
 Concen: 21.943 ng/ul
 RT: 12.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BM012444.D
 Acq: 25 Oct 2017 14:16

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 BNA_M
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 B-34(0-1)-100617

Tot Ion:142 Resp: 2195350
 Ion Ratio Lower Upper
 142 100
 141 89.6 74.1 111.1

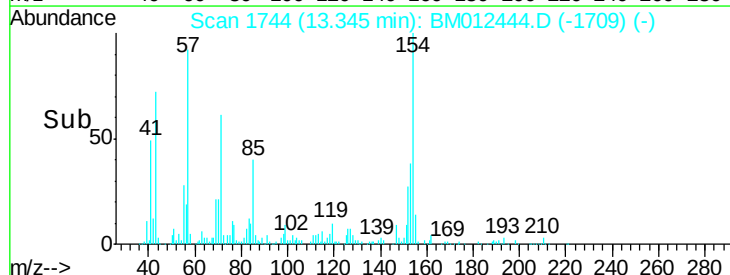
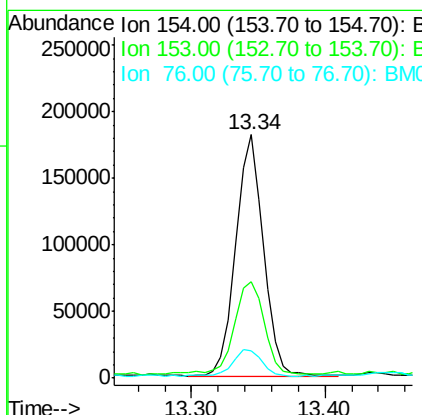
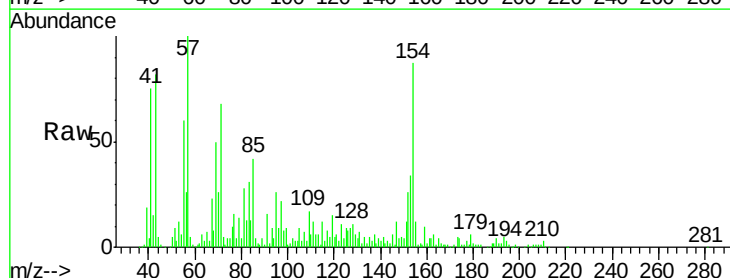
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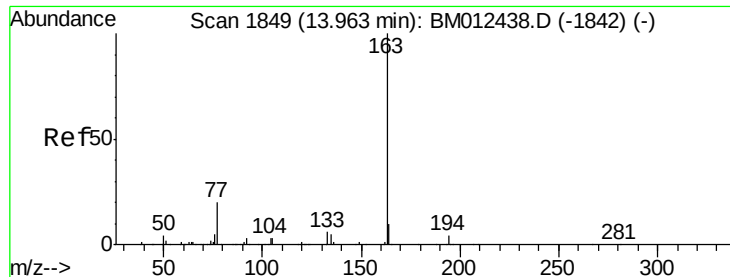
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#40
 1,1'-Biphenyl
 Concen: 2.098 ng/ul
 RT: 13.34 min Scan# 1744
 Delta R.T. 0.01 min
 Lab File: BM012444.D
 Acq: 25 Oct 2017 14:16

Tgt Ion:154 Resp: 261307
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.6 48.8
 76 11.5 8.5 12.7





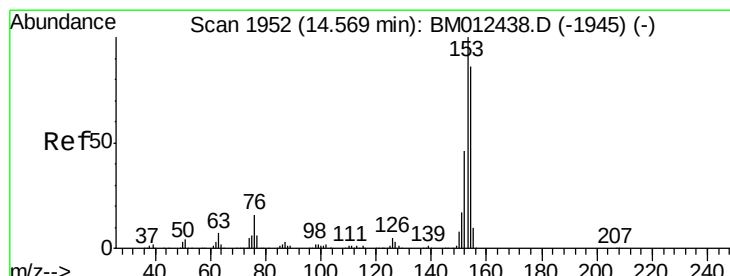
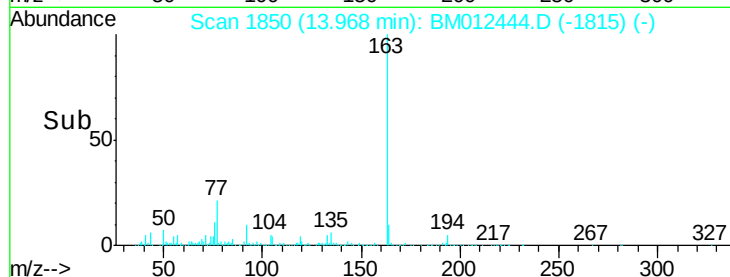
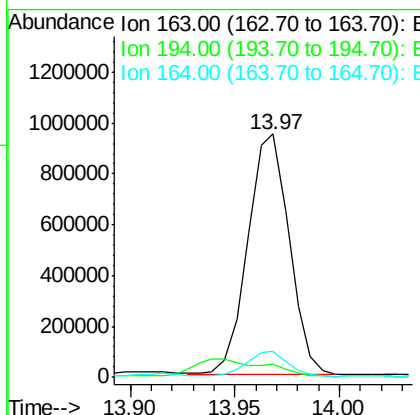
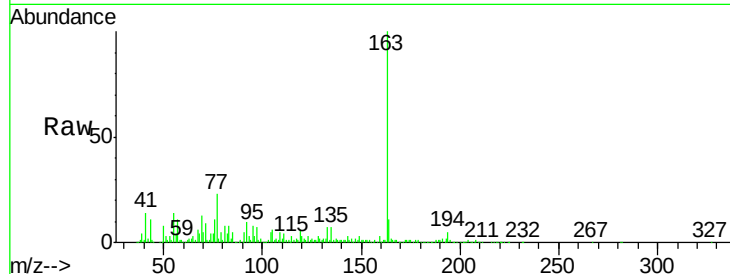
#44
Dimethylphthalate
Concen: 9.718 ng/ul m
RT: 13.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Instrument :
BNA_M
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B-34(0-1)-100617

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	10.7	8.2	12.4

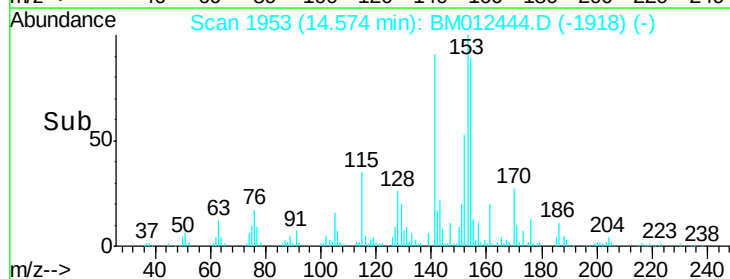
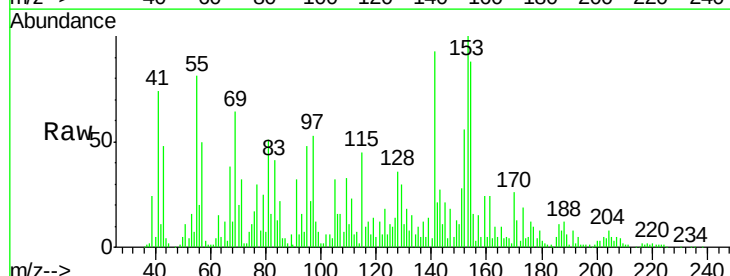
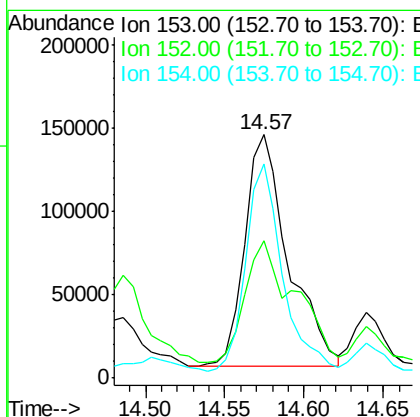
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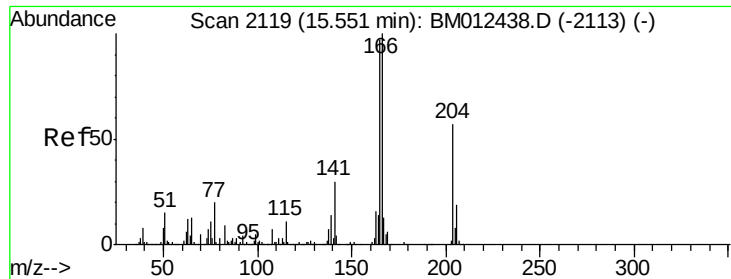
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#49
Acenaphthene
Concen: 2.506 ng/ul
RT: 14.57 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.2	37.6	56.4
154	87.9	70.4	105.6





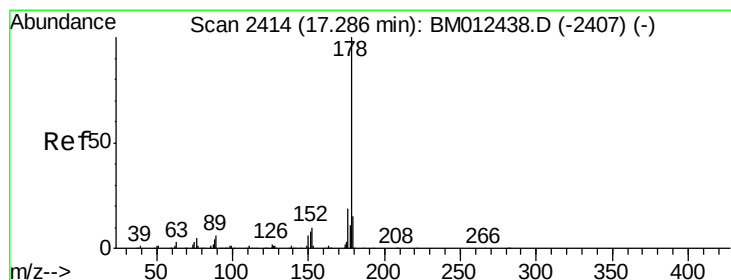
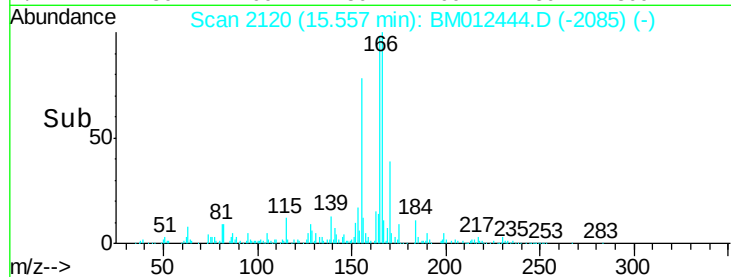
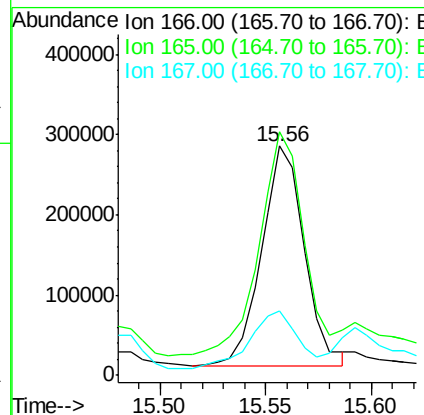
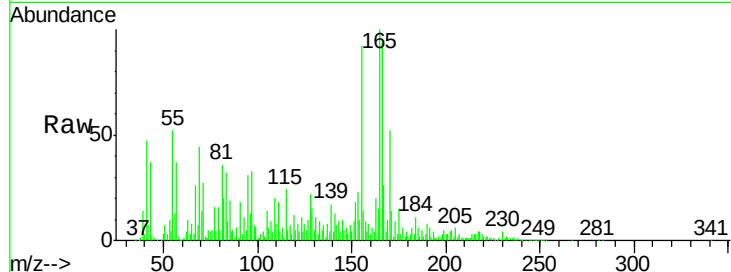
#58
Fluorene
 Concen: 2.914 ng/ul
 RT: 15.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BM012444.D
 Acq: 25 Oct 2017 14:16

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Tot Ion	Ratio	Lower	Upper
166	100		
165	106.3	77.9	116.9
167	28.1	10.6	16.0

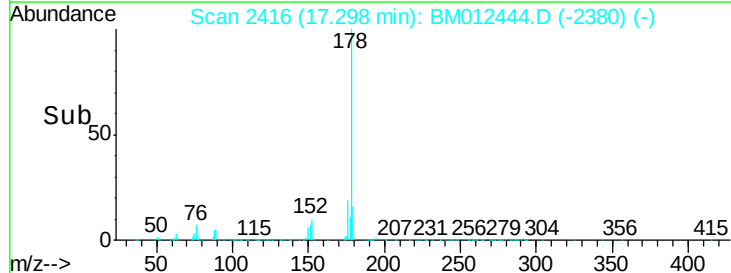
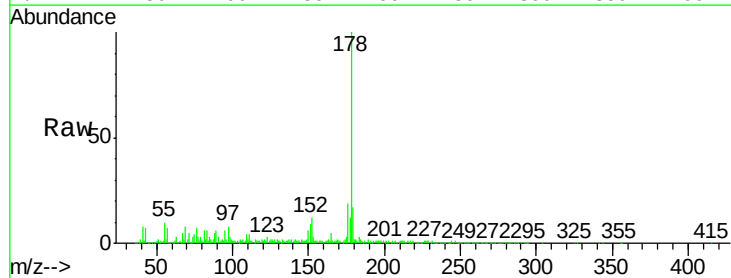
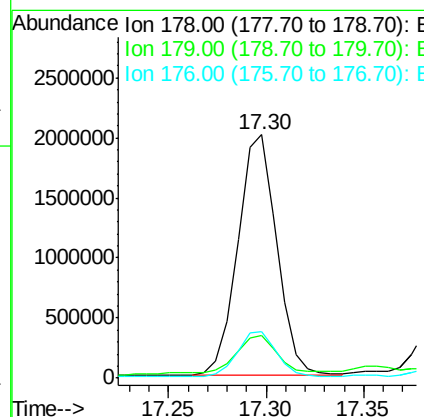
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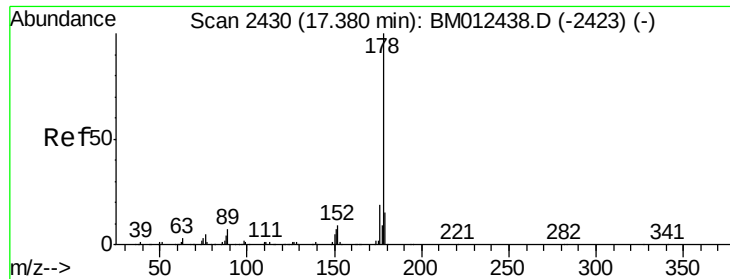
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#69
Phenanthrene
 Concen: 15.129 ng/ul
 RT: 17.30 min Scan# 2416
 Delta R.T. 0.01 min
 Lab File: BM012444.D
 Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	19.0
176	19.4	14.9	22.3





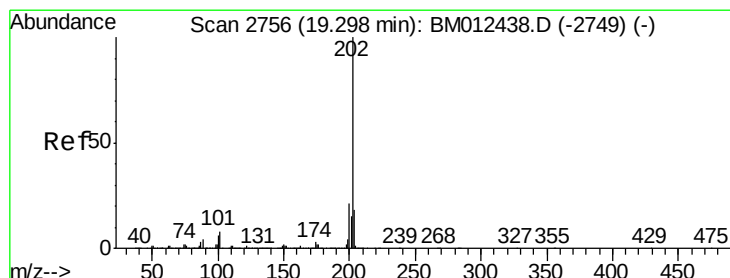
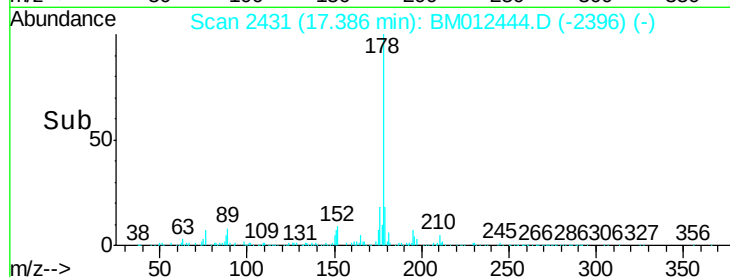
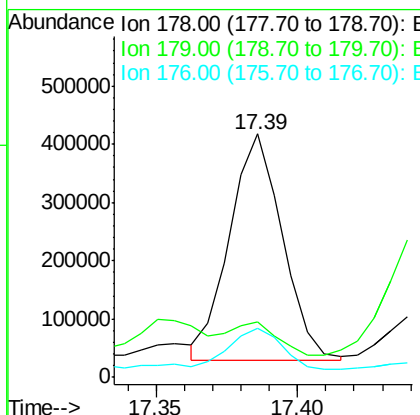
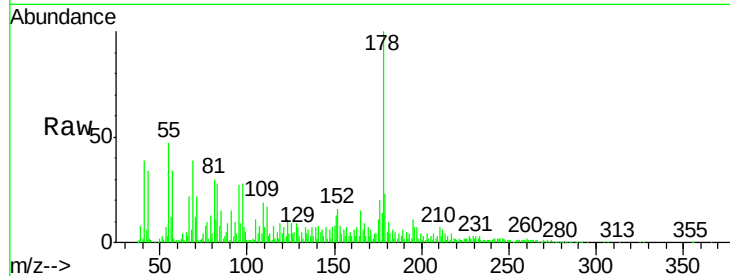
#71
 Anthracene
 Concen: 2.699 ng/ul m
 RT: 17.39 min Scan# 2431
 Delta R.T. 0.01 min
 Lab File: BM012444.D
 Acq: 25 Oct 2017 14:16

Instrument :
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 ClientSampleId :
 B-34(0-1)-100617

Tot Ion	Ratio	Lower	Upper
178	100		
179	22.7	11.7	17.5#
176	20.1	14.6	21.8

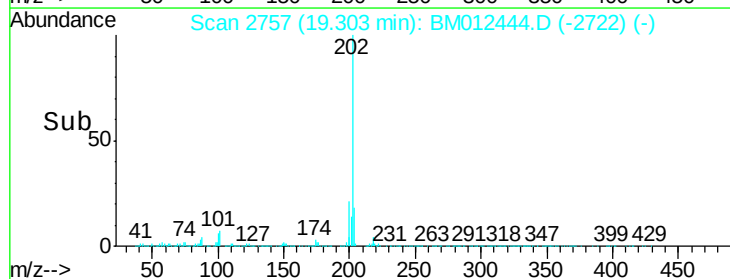
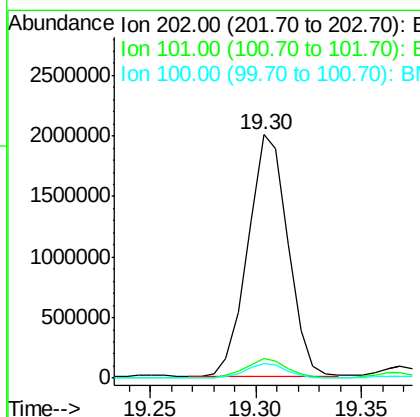
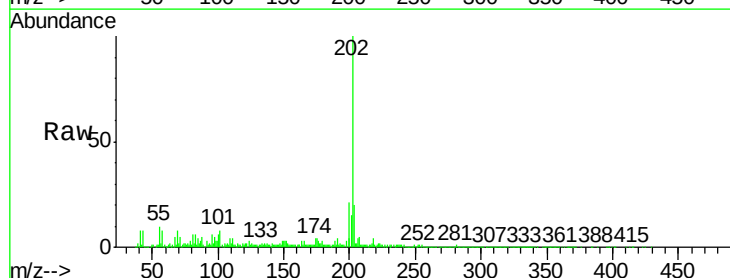
Manual Integrations
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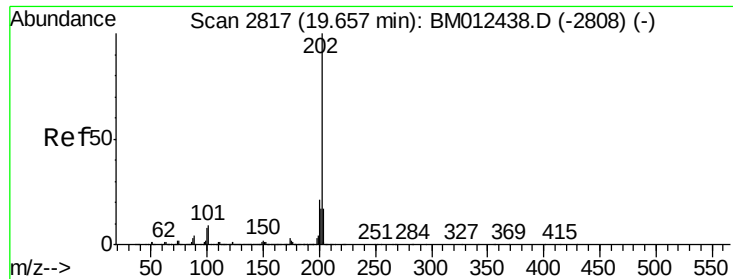
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#74
 Fluoranthene
 Concen: 12.738 ng/ul
 RT: 19.30 min Scan# 2757
 Delta R.T. 0.01 min
 Lab File: BM012444.D
 Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	5.9	3.4	5.2#





#77

Pvrene

Concen: 18.107 ng/ul

RT: 19.67 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BM012444.D

Acq: 25 Oct 2017 14:16

Instrument :

BNA_M

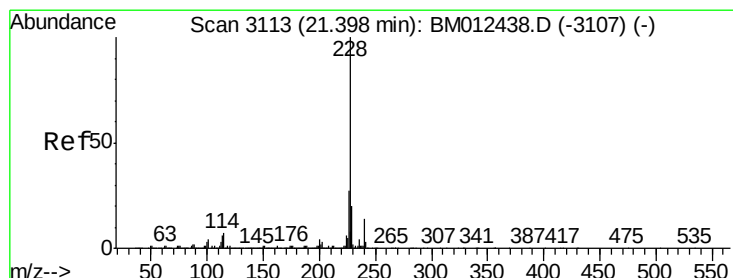
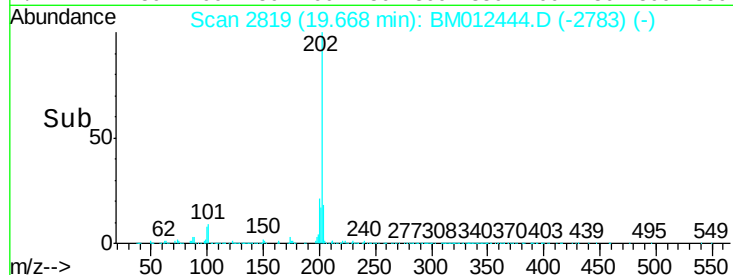
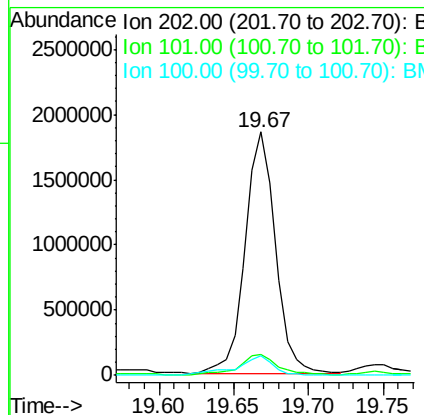
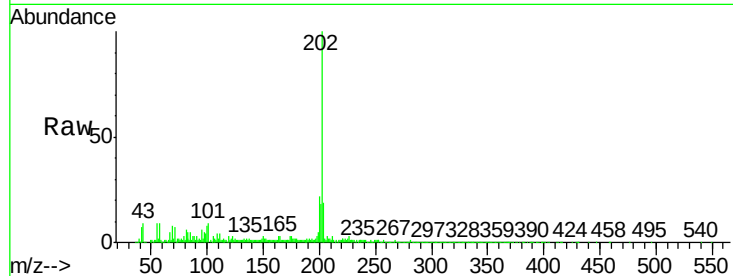
ClientSampleId :

B-34(0-1)-100617

Tot Ion:	202	Resp:	2591455
Ion Ratio	Lower	Upper	
202	100		
101	8.8	5.1	7.7#
100	7.8	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 8.047 ng/ul

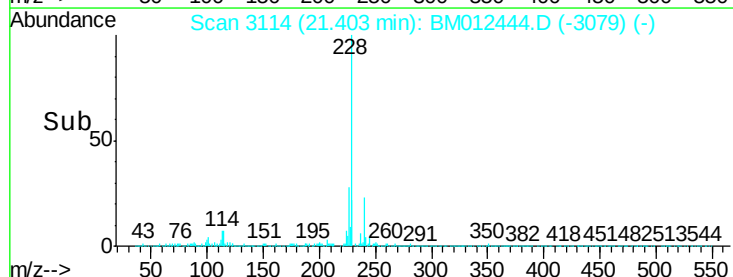
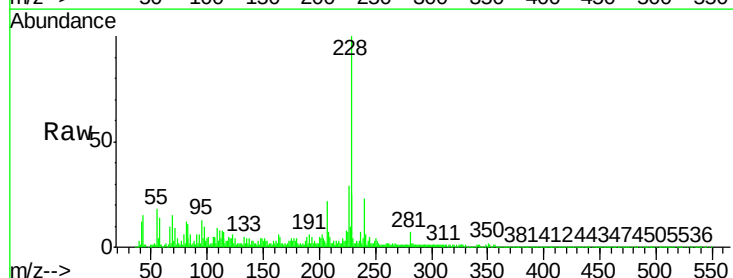
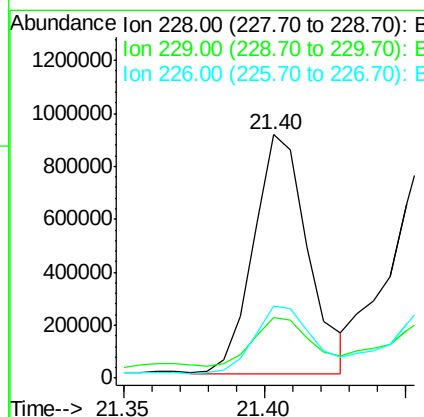
RT: 21.40 min Scan# 3114

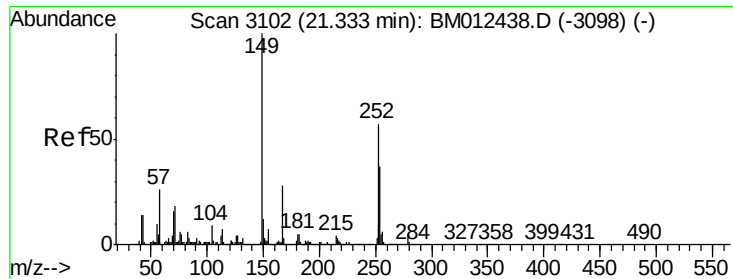
Delta R.T. 0.01 min

Lab File: BM012444.D

Acq: 25 Oct 2017 14:16

Tgt Ion:	228	Resp:	1212774
Ion Ratio	Lower	Upper	
228	100		
229	25.0	15.4	23.0#
226	29.4	21.4	32.0





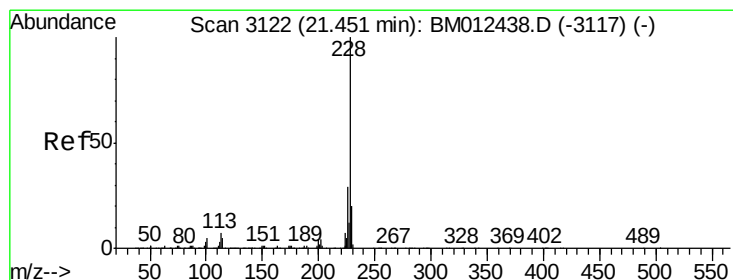
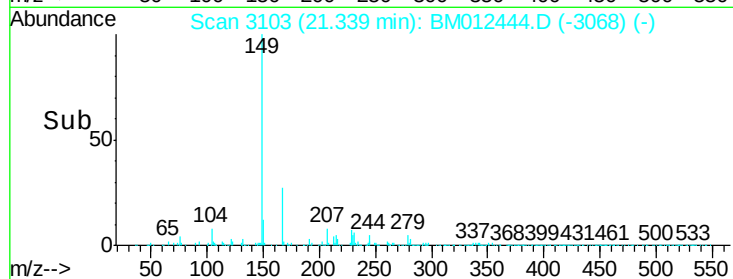
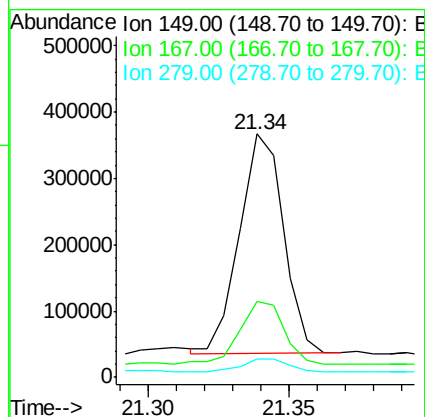
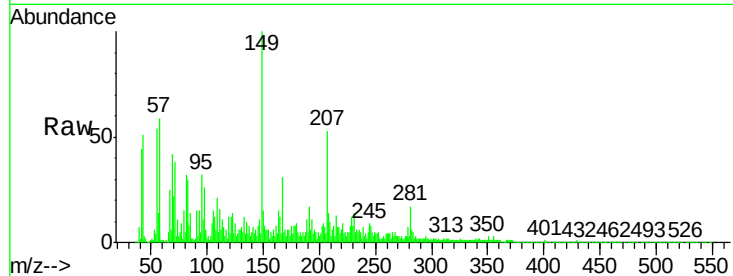
#81
Bis(2-ethylhexyl)phthalate
Concen: 4.164 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.4	22.8	34.2
279	7.3	4.9	7.3

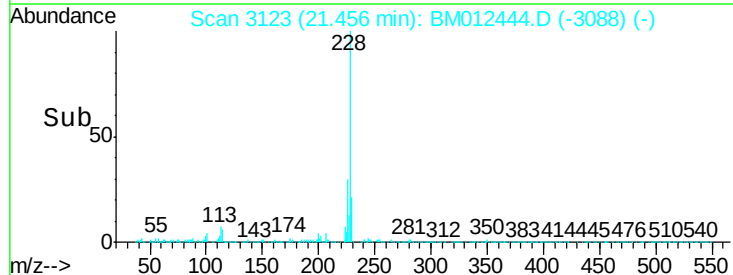
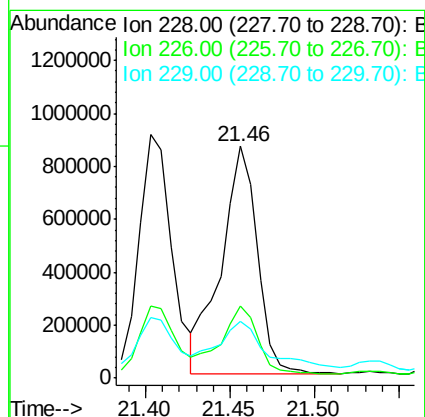
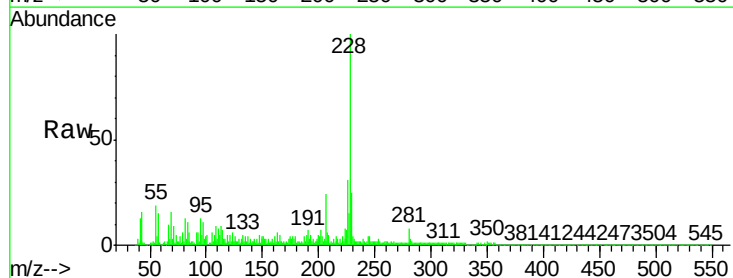
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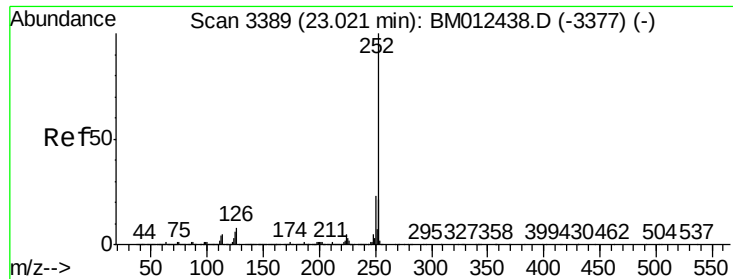
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#82
Chrysene
Concen: 9.565 ng/ul
RT: 21.46 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	24.6	15.5	23.3





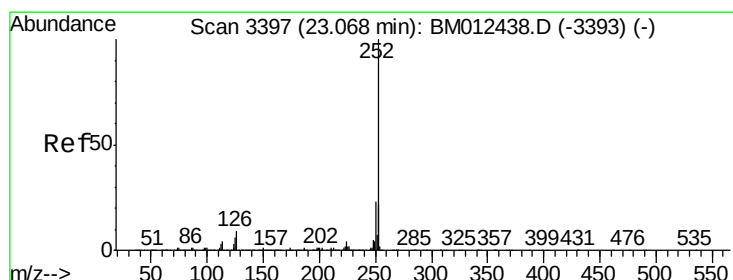
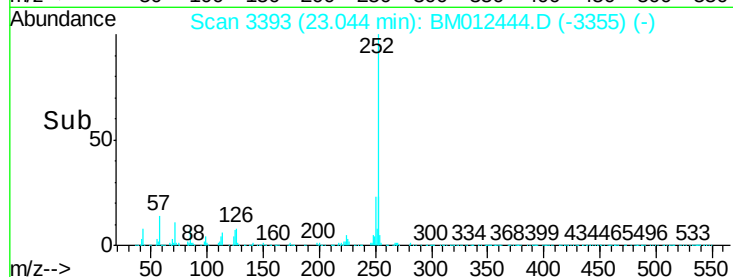
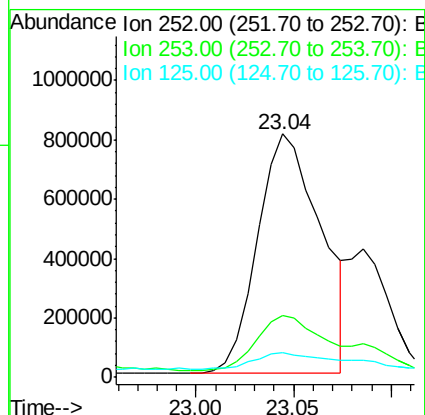
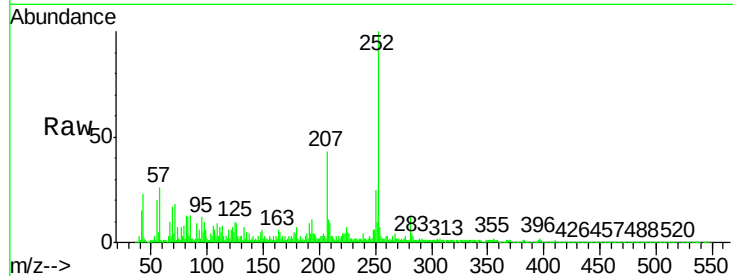
#85
Benzo(b)fluoranthene
Concen: 11.666 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	10.1	3.6	5.4#

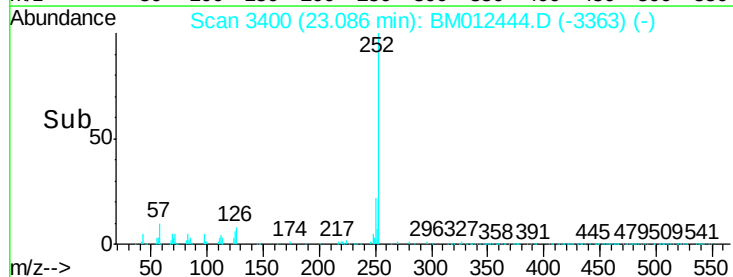
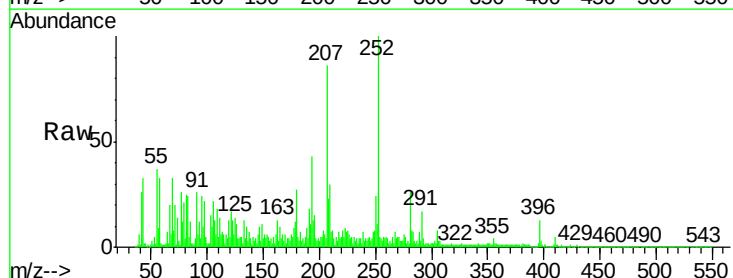
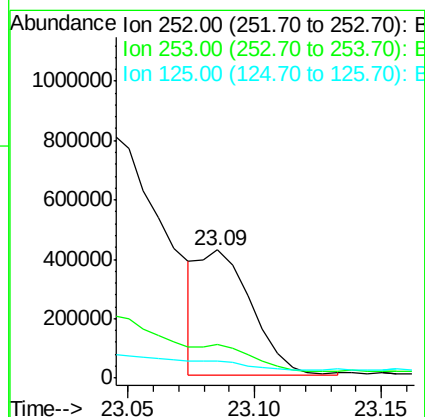
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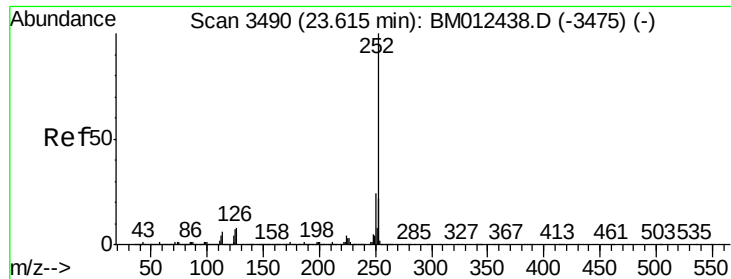
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#86
Benzo(k)fluoranthene
Concen: 4.101 ng/ul m
RT: 23.09 min Scan# 3400
Delta R.T. 0.02 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.1	25.7#
125	13.6	3.4	5.2#





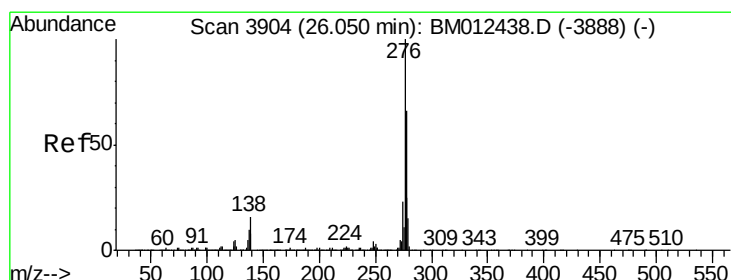
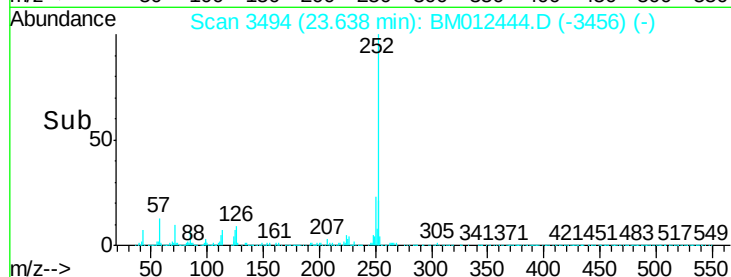
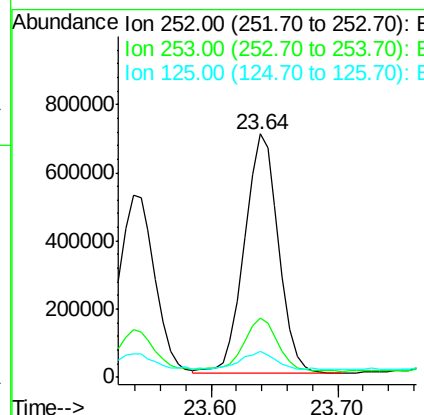
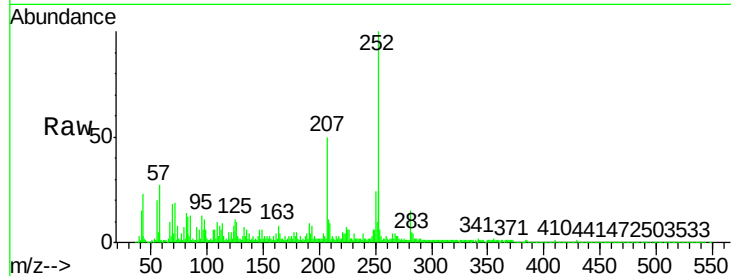
#88
Benzo(a)pyrene
Concen: 8.787 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.02 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	10.6	4.0	6.0

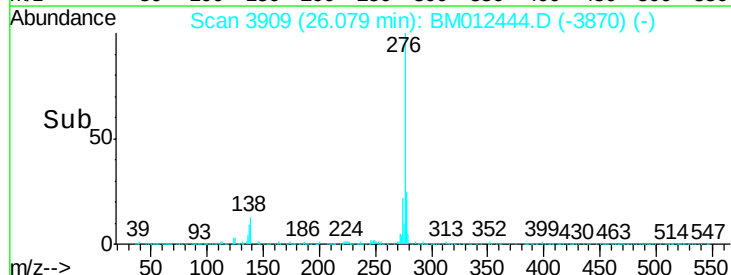
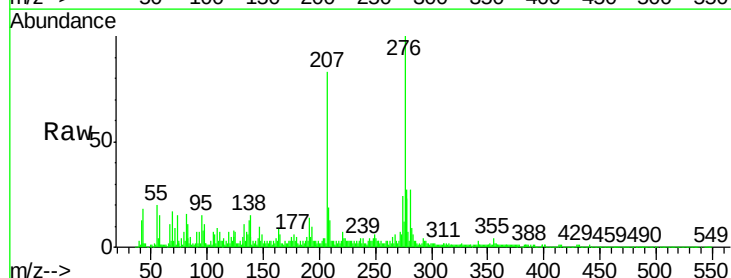
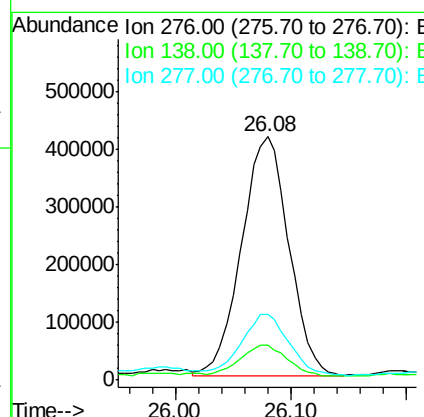
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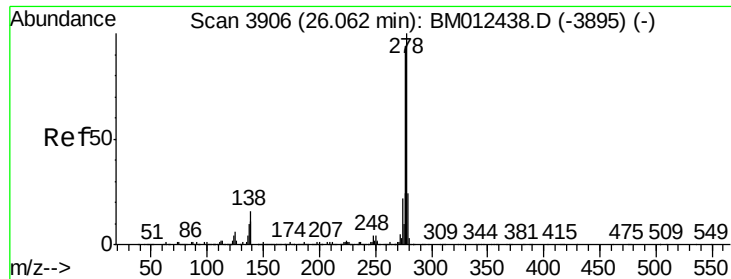
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#89
Indeno(1,2,3-cd)pyrene
Concen: 6.728 ng/ul
RT: 26.08 min Scan# 3909
Delta R.T. 0.03 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	9.3	13.9
277	26.9	19.9	29.9





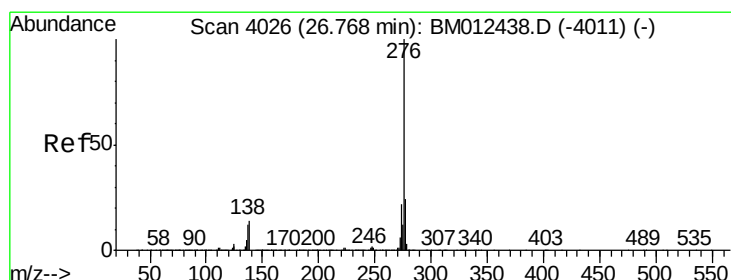
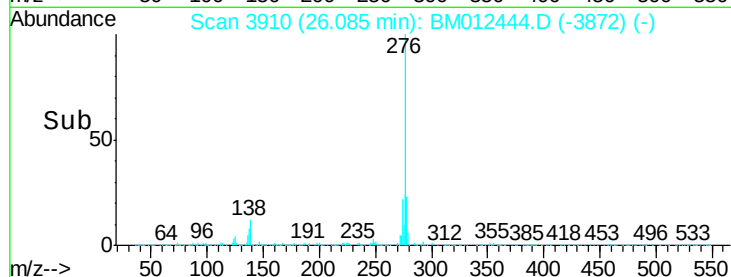
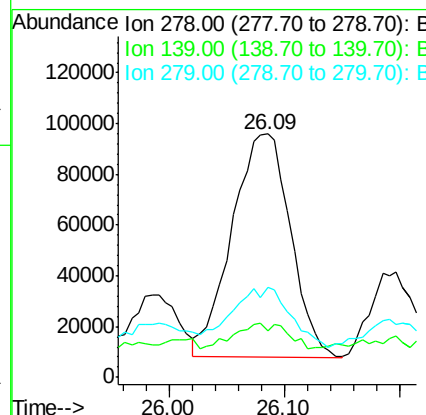
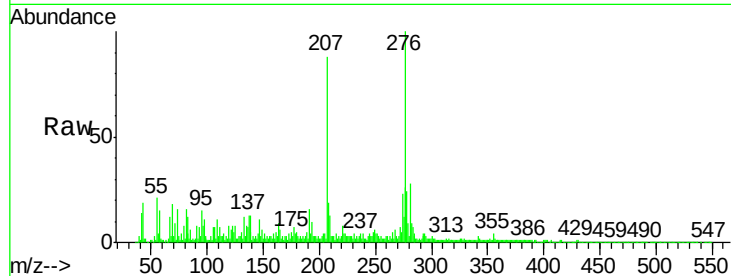
#90
Dibenzo(a,h)anthracene
Concen: 2.078 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. 0.02 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Instrument :
BNA_M
ClientSampleId :
B-34(0-1)-100617

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.1	5.8	8.8#
279	37.1	18.6	27.8#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.978 ng/ul
RT: 26.80 min Scan# 4031
Delta R.T. 0.03 min
Lab File: BM012444.D
Acq: 25 Oct 2017 14:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.5	12.7#
277	27.2	18.6	28.0

