Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012657.D
Acq On : 02 Nov 2017 03:21
Operator : SJ/JU
Sample : I5937-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
Sohil
11/2/2017 5:22:34 PM

Quant Time: Nov 02 04:52:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 04:04:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	462064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	2048245	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	1291216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2976164	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2850545	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2313372	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	29368m	3.25	ng/uL	0.00
5) Phenol-d5	7.01	99	708806	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	446164	19.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	582492	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	496459	15.05	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	300882	23.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	342578	25.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	636829	18.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	356742	9.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	2044282	18.12	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2494534	18.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	236400	14.10	ng/ul	0.00
57) Fluorene-d10	15.46	176	1781794	18.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	202198	14.04	ng/ul	0.00
70) Anthracene-d10	17.32	188	2730371	19.25	ng/ul	0.00
76) Pyrene-d10	19.60	212	2868600	21.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	2082123	18.94	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.04	94	70689	1.759	ng/ul#	85
28) Naphthalene	10.68	128	256651	2.527	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	131872	1.599	ng/ul	99
44) Dimethylphthalate	13.93	163	603892	5.412	ng/ul	100
47) Acenaphthylene	14.19	152	384081	3.016	ng/ul	96
53) Dibenzofuran	14.87	168	355892	2.757	ng/ul	97
58) Fluorene	15.52	166	230624	2.113	ng/ul	99
69) Phenanthrene	17.26	178	6264778	38.925	ng/ul	99
71) Anthracene	17.35	178	508121	3.055	ng/ul	99
72) Carbazole	17.62	167	436294	3.166	ng/ul	99
74) Fluoranthene	19.27	202	8404539	46.085	ng/ul#	91
77) Pyrene	19.64	202	6756524	41.681	ng/ul#	91
80) Benzo(a)anthracene	21.37	228	2445497	14.327	ng/ul	96
82) Chrysene	21.43	228	2856881	18.824	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	3134588	21.919	ng/ul#	97
86) Benzo(k)fluoranthene	23.03	252	918380m	6.823	ng/ul	
88) Benzo(a)pyrene	23.59	252	1896552	13.910	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	1284152	8.002	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.01	278	312097	2.294	ng/ul#	87
91) Benzo(g,h,i)perylene	26.73	276	984596	7.571	ng/ul#	94

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

Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
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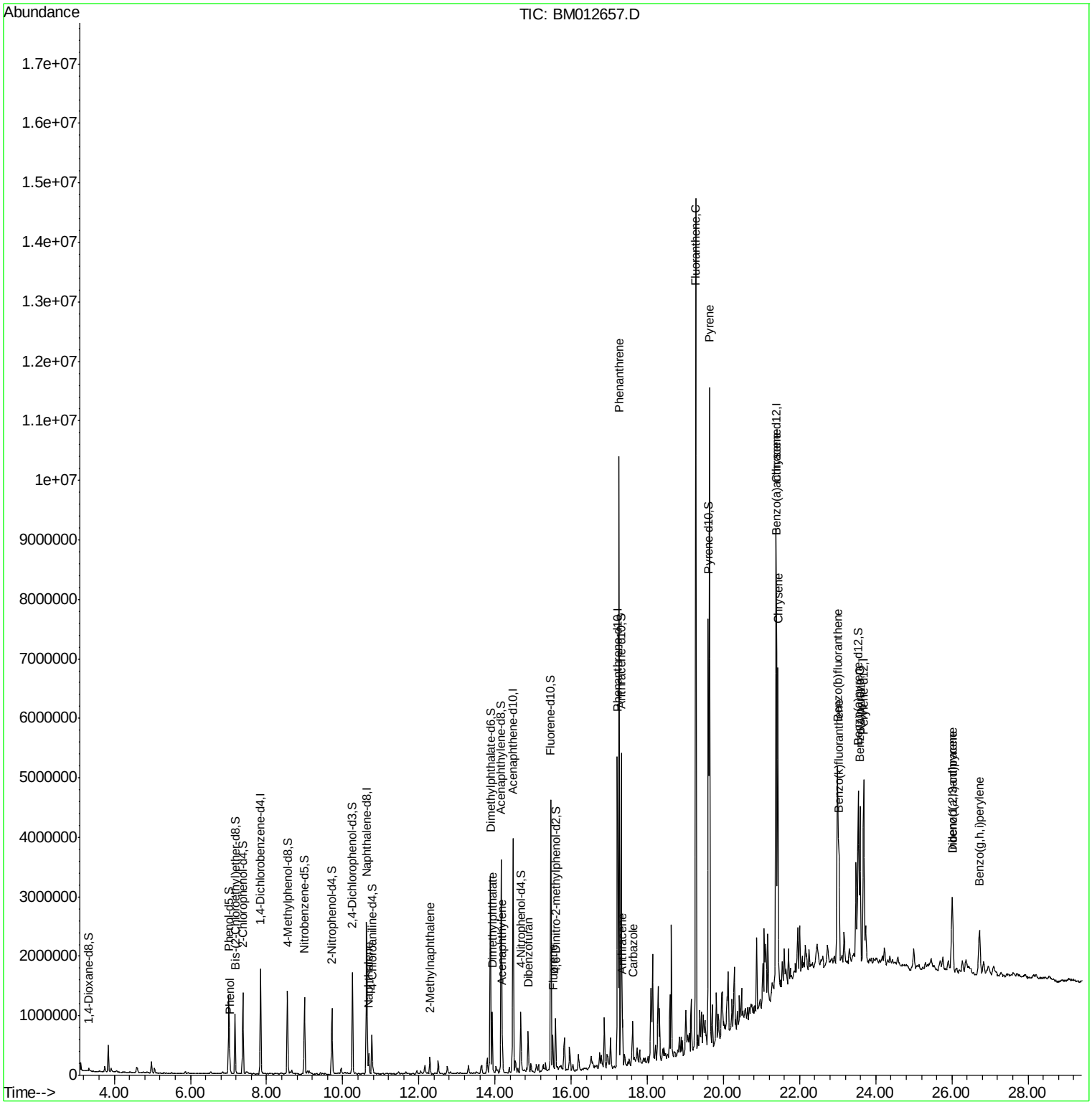
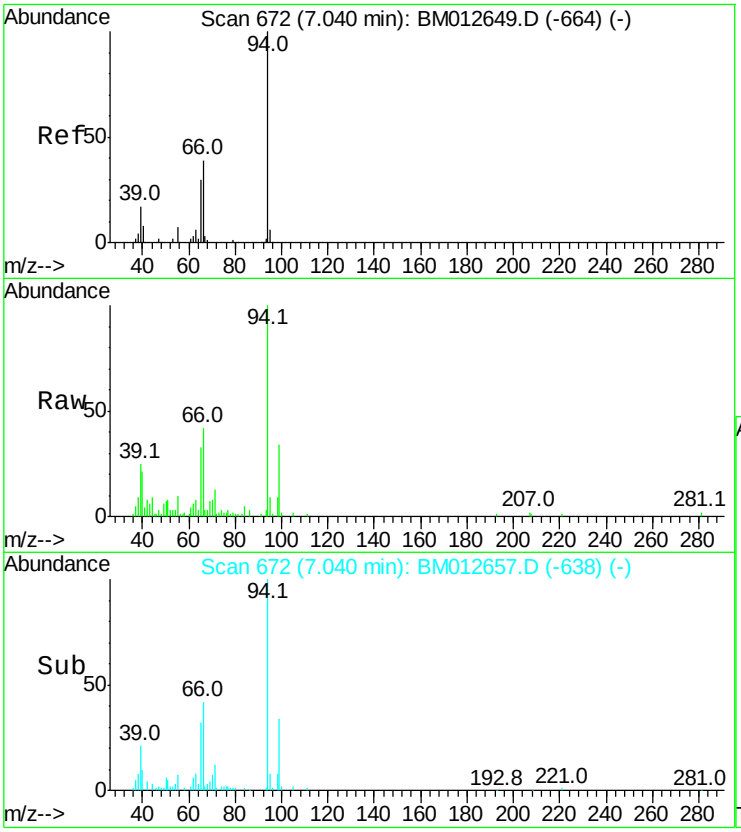
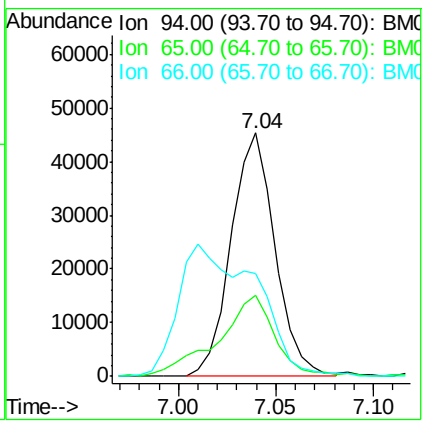




#6
Phenol
Concen: 1.759 ng/ul
RT: 7.04 min Scan# 672
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion: 94 Resp: 70689

Ion	Ratio	Lower	Upper
94	100		
65	33.1	28.2	42.4
66	42.4	47.2	70.8#



Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
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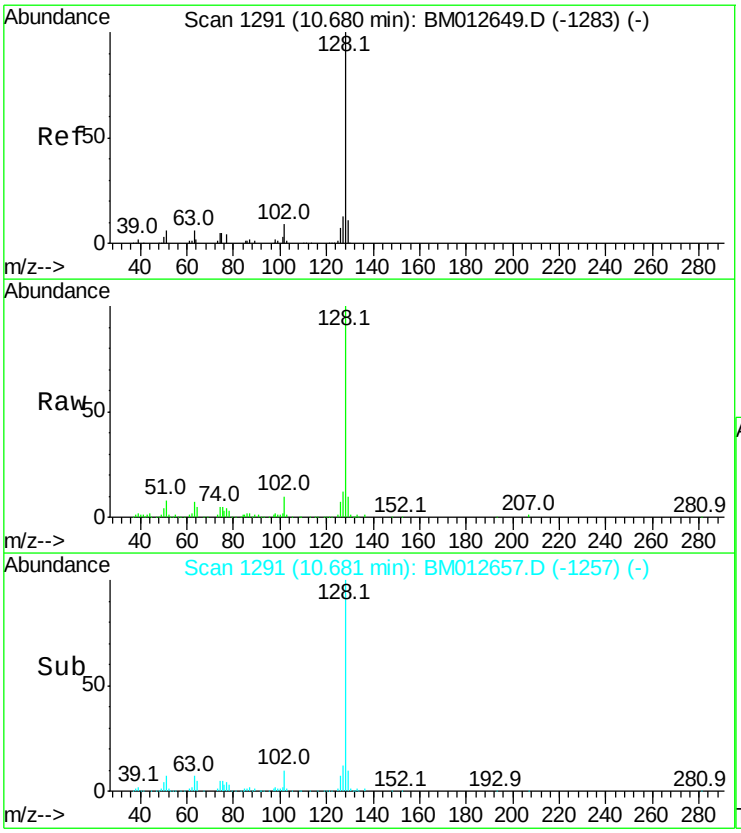
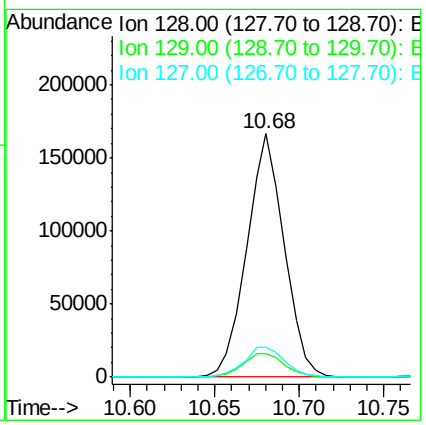
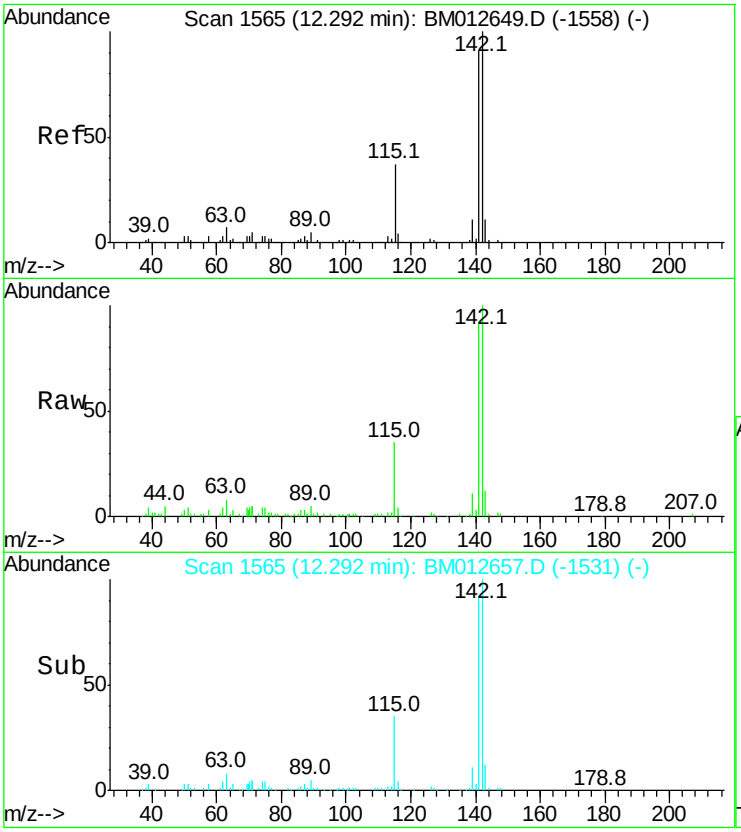


#28
Naphthalene
Concen: 2.527 ng/ul
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:128 Resp: 256651

Ion	Ratio	Lower	Upper
128	100		
129	9.7	8.8	13.2
127	12.3	10.6	16.0





#34
2-Methylnaphthalene
Concen: 1.599 ng/ul
RT: 12.29 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:142 Resp: 131872

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.1	111.1

Instrument :
BNA_M
ClientSampleId :
B0DT8

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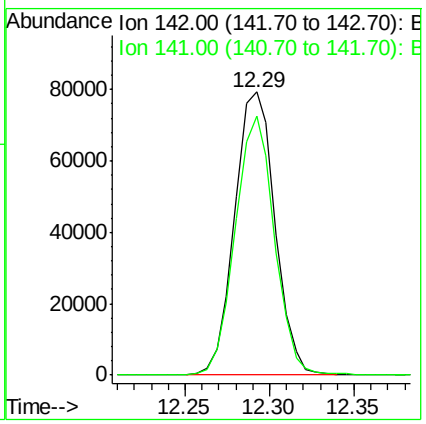
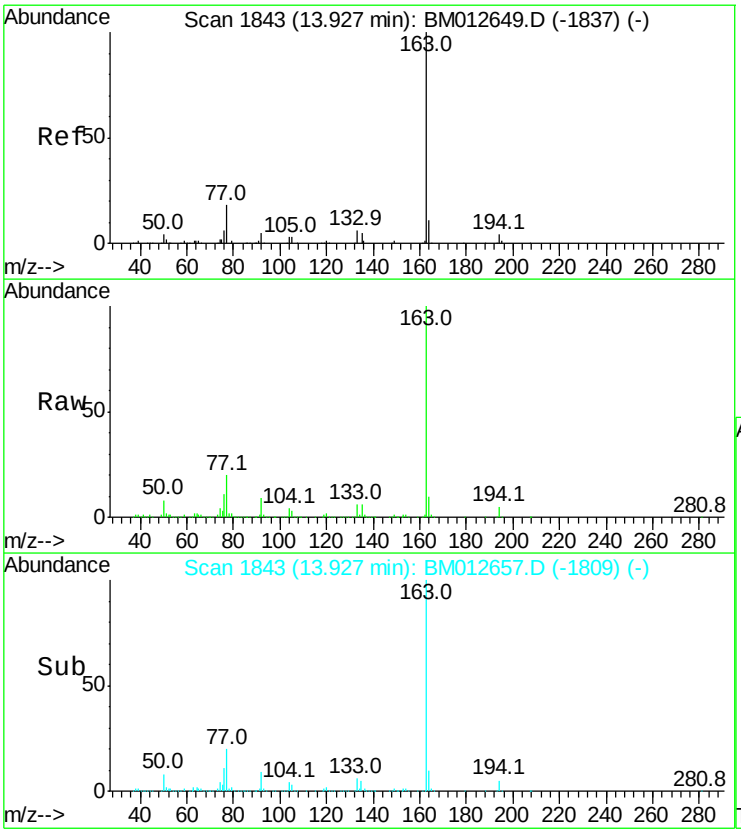
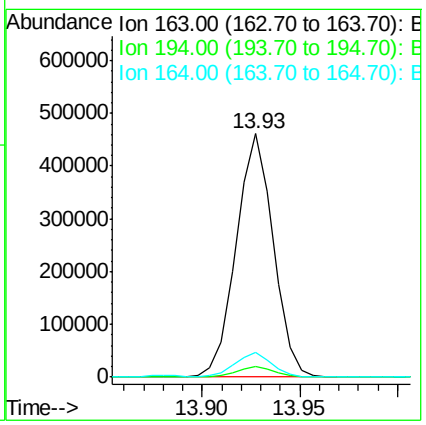


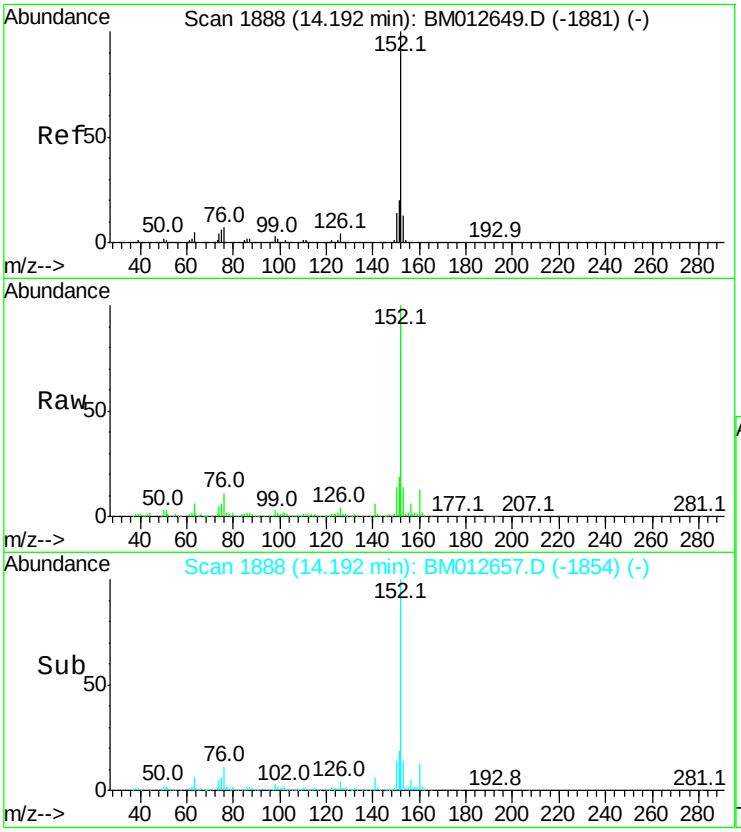


#44
Dimethylphthalate
Concen: 5.412 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:163 Resp: 603892

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.3	8.2	12.4

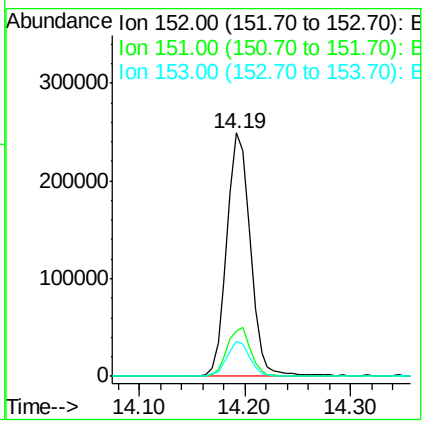




#47
Acenaphthylene
Concen: 3.016 ng/ul
RT: 14.19 min Scan# 1888
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:152 Resp: 384081

Ion	Ratio	Lower	Upper
152	100		
151	18.7	16.3	24.5
153	14.3	10.2	15.4



Instrument :
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ClientSampleId :
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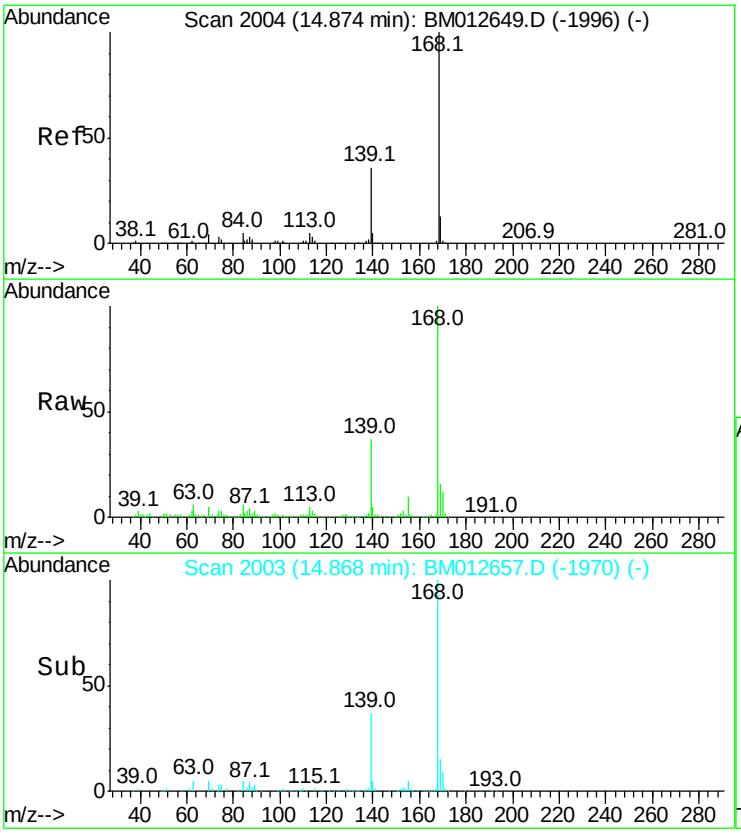
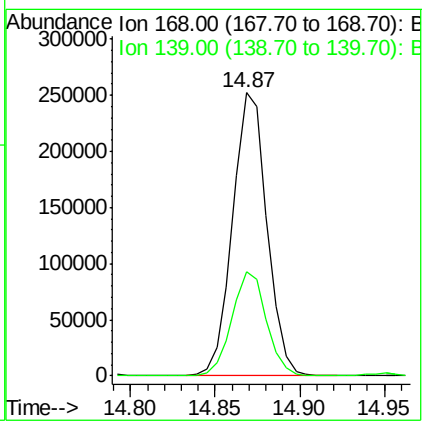
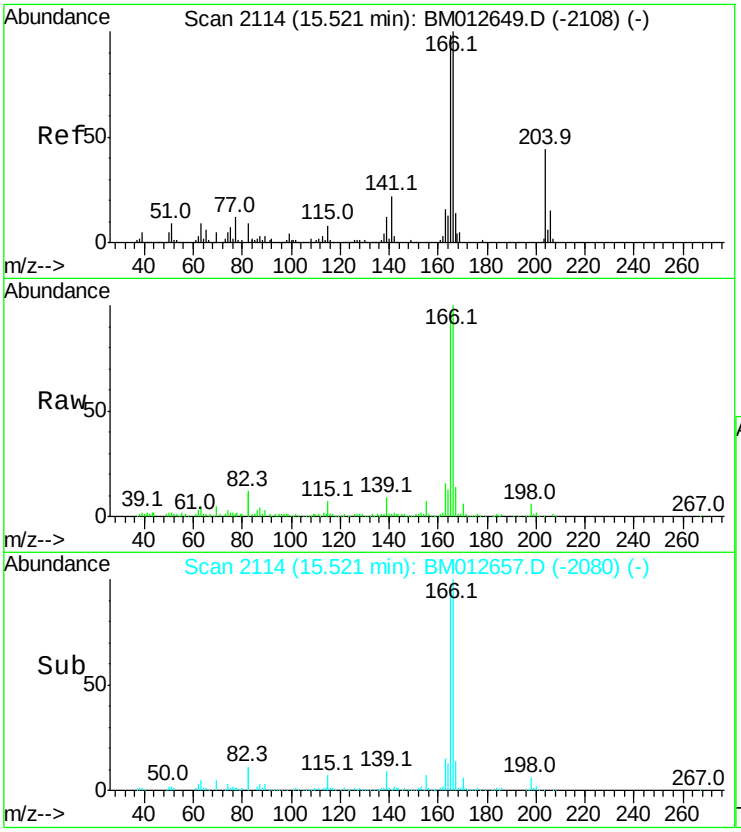


#53
Dibenzofuran
Concen: 2.757 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:168 Resp: 355892

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.8	46.2

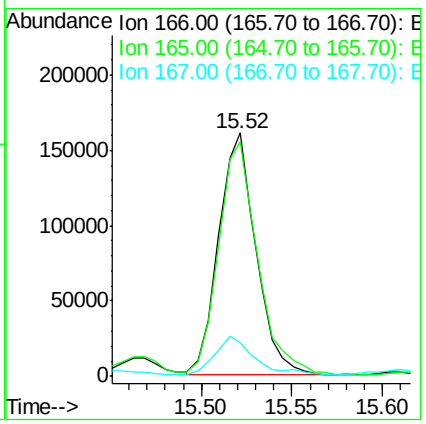




#58
Fluorene
Concen: 2.113 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:166 Resp: 230624

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.9	116.9
167	14.1	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
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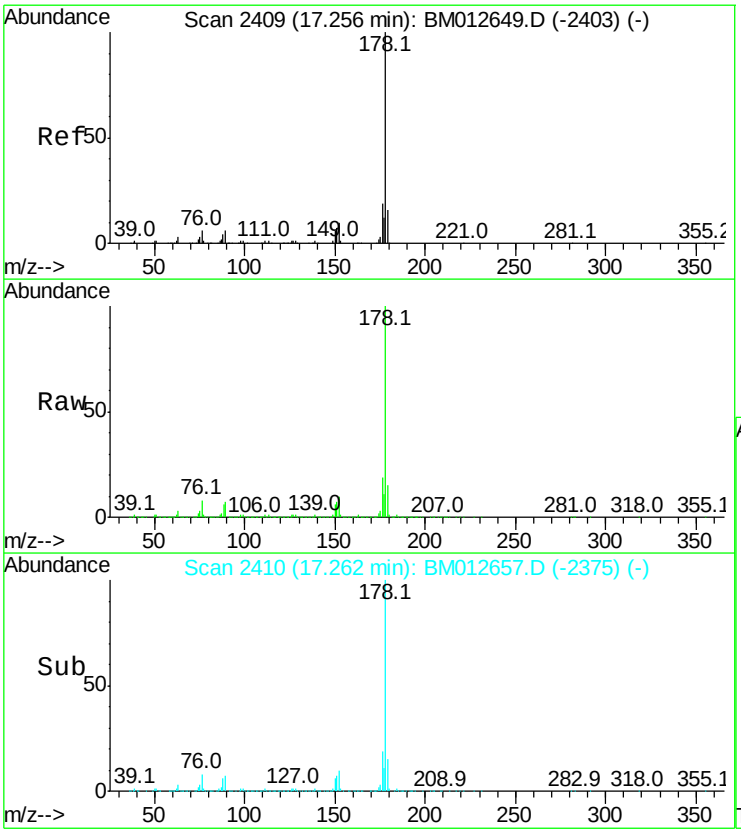
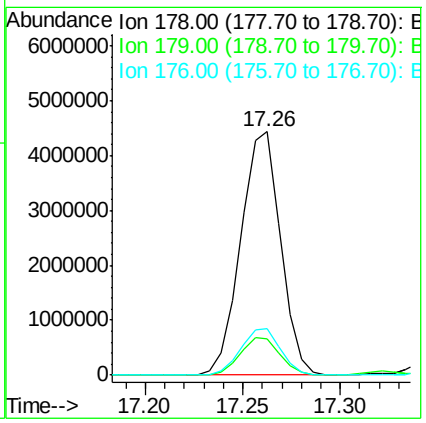
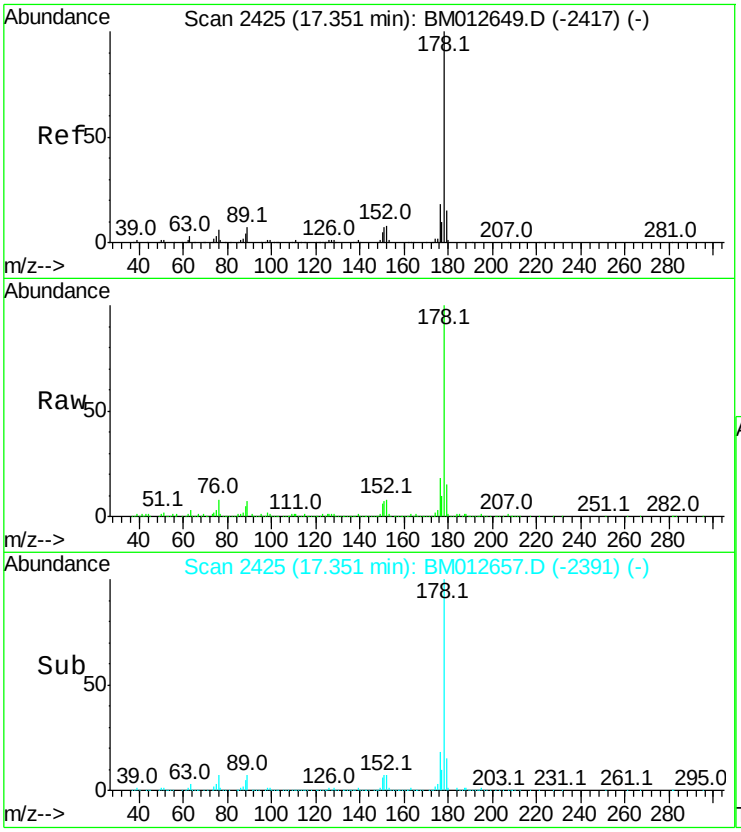


#69
Phenanthrene
Concen: 38.925 ng/ul
RT: 17.26 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:178 Resp: 6264778

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.9	14.9	22.3

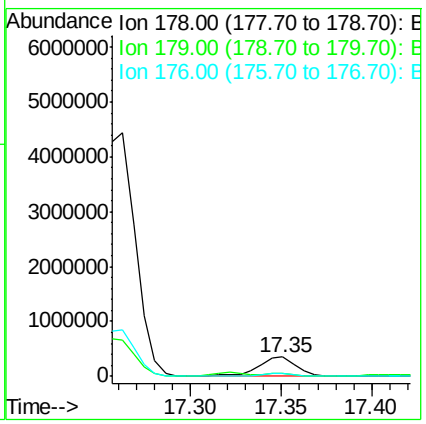




#71
Anthracene
Concen: 3.055 ng/ul
RT: 17.35 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:178 Resp: 508121

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	17.7	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
B0DT8

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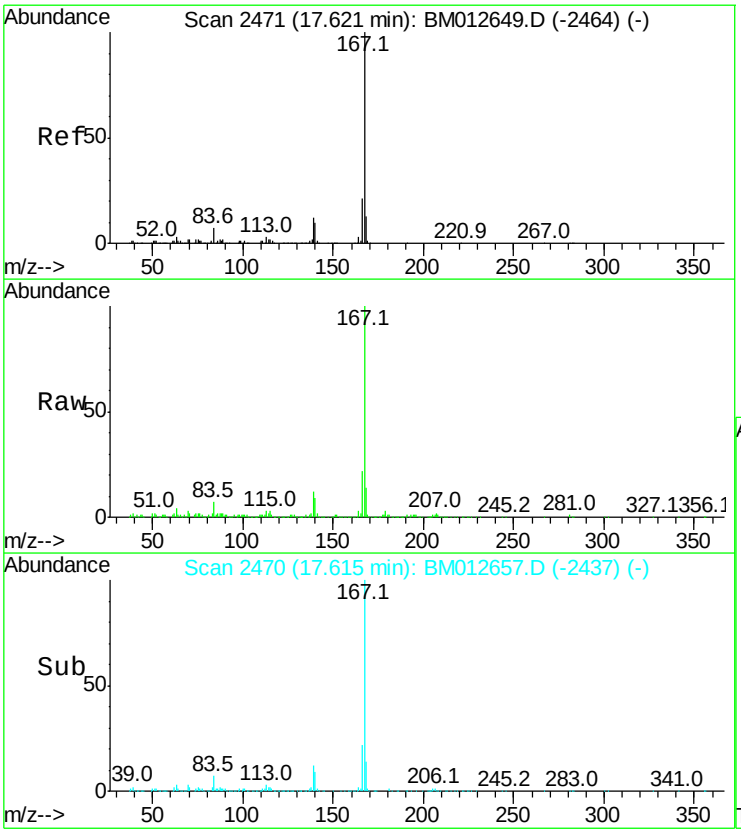
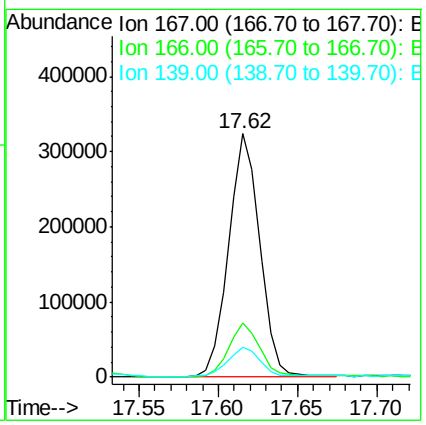
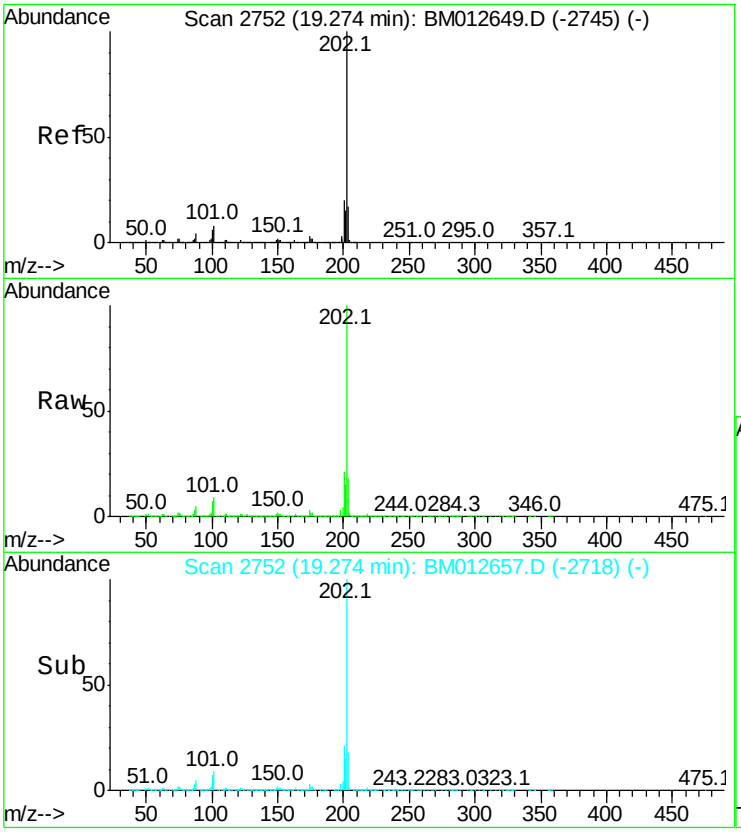


#72
Carbazole
Concen: 3.166 ng/ul
RT: 17.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:167 Resp: 436294

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	12.1	10.0	15.0





#74
Fluoranthene
Concen: 46.085 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:202 Resp: 8404539

Ion	Ratio	Lower	Upper
202	100		
101	9.3	4.6	7.0#
100	7.0	3.4	5.2#

Instrument :
BNA_M
ClientSampleId :
B0DT8

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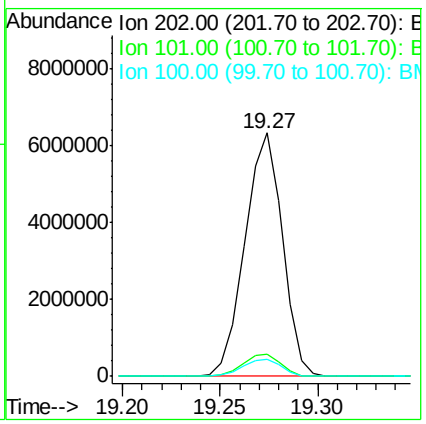
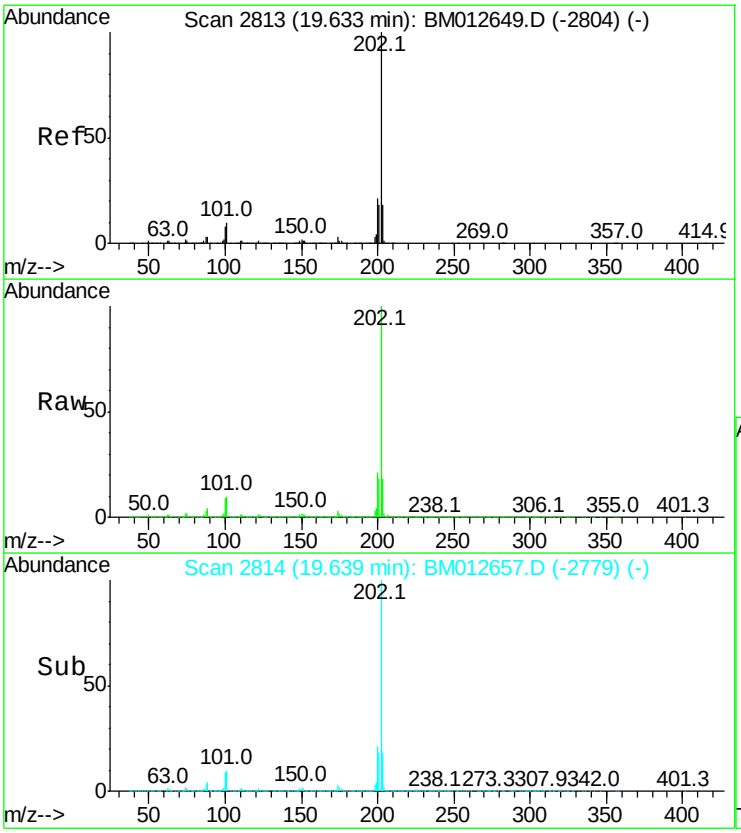
11/2/2017 5:22:34 PM

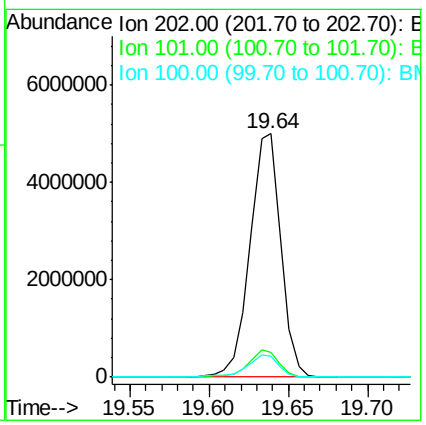


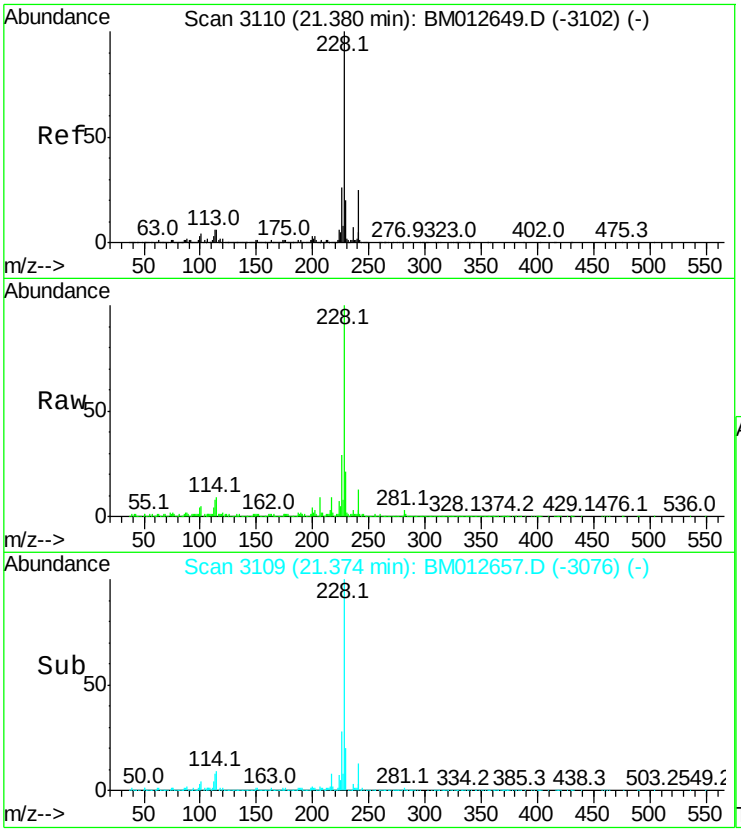


#77
Pyrene
Concen: 41.681 ng/ul
RT: 19.64 min Scan# 2814
Delta R.T. 0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:202 Resp: 6756524

Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.5	4.9	7.3#

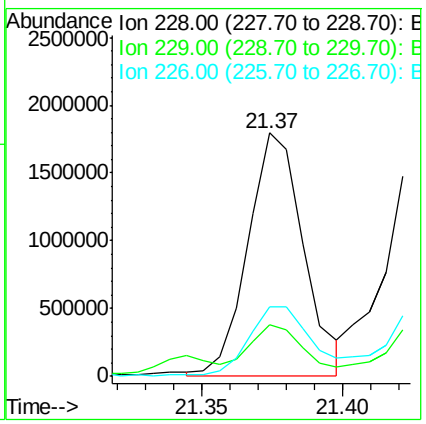




#80
Benzo(a)anthracene
Concen: 14.327 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:228 Resp: 2445497

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	28.6	21.4	32.0



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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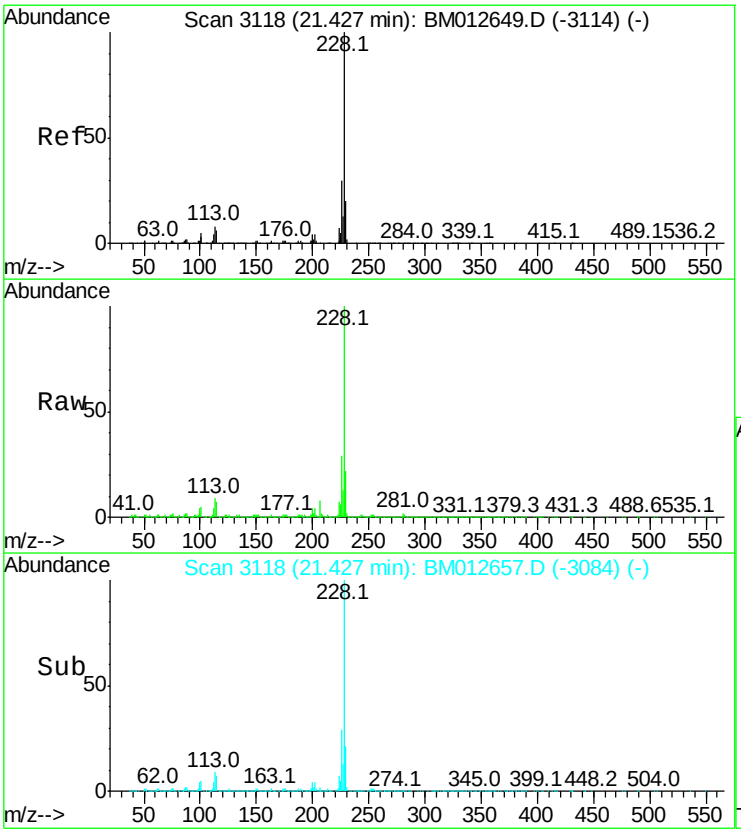
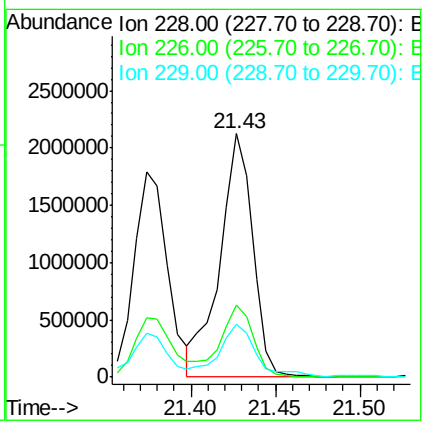
11/2/2017 5:22:34 PM

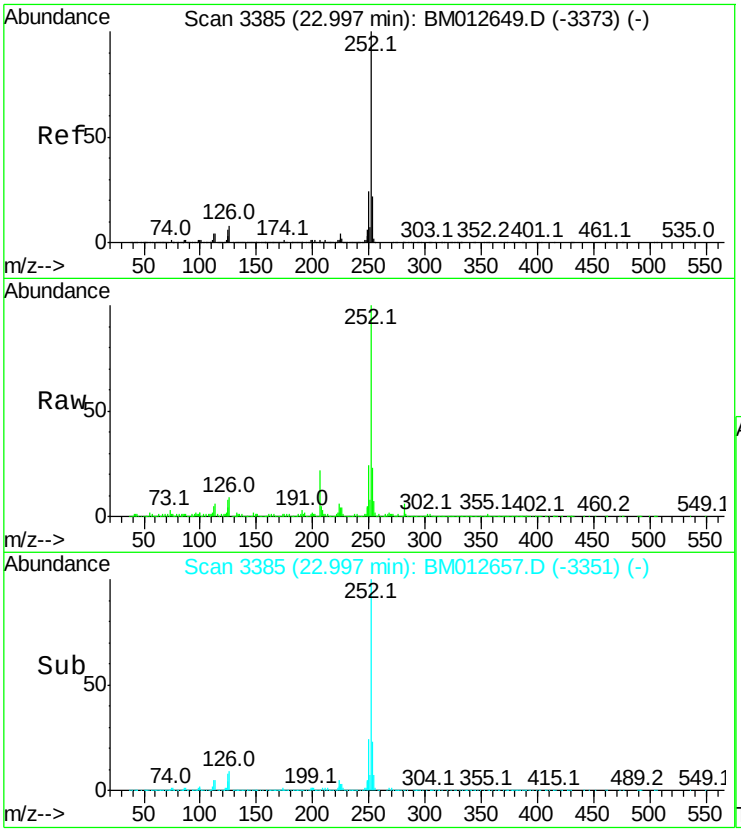


#82
Chrysene
Concen: 18.824 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:228 Resp: 2856881

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.8	15.5	23.3

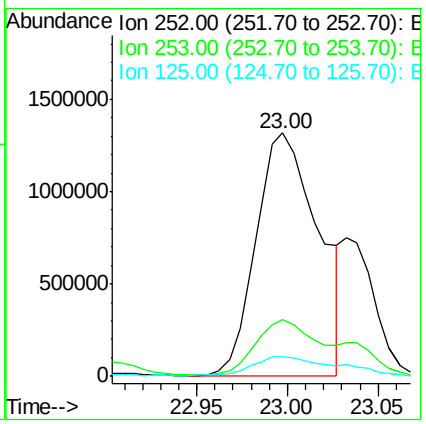




#85
Benzo(b)fluoranthene
Concen: 21.919 ng/ul
RT: 23.00 min Scan# 3385
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:252 Resp: 3134588

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.0	3.6	5.4#



Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
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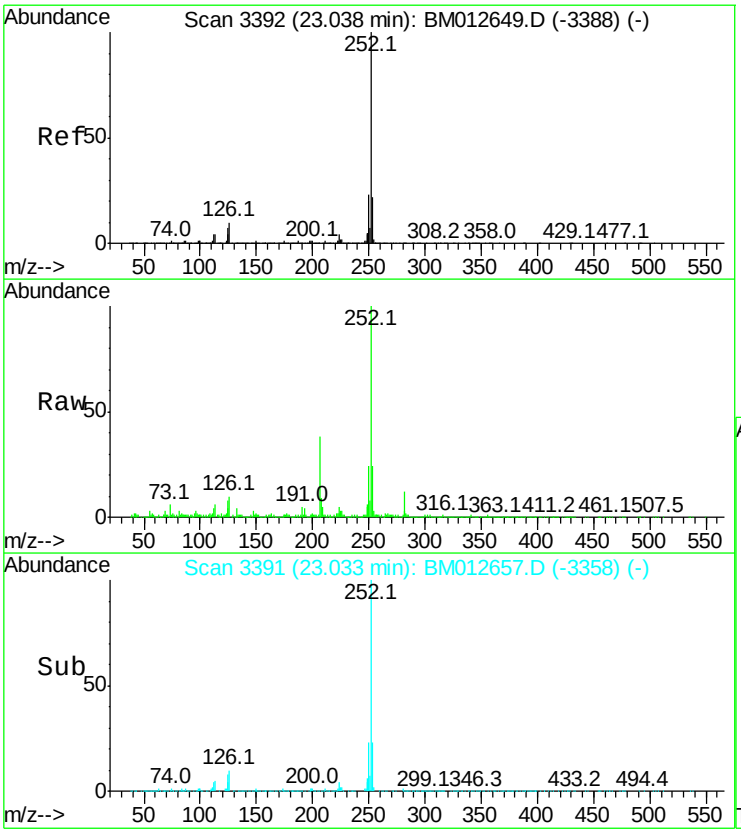
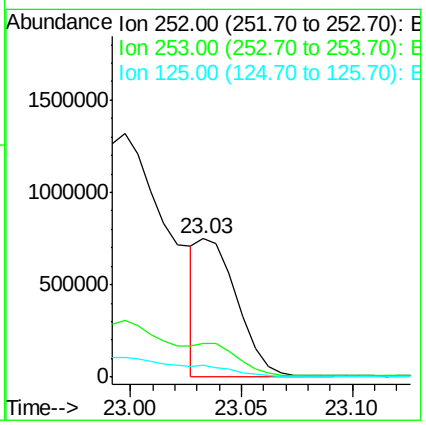
11/2/2017 5:22:34 PM

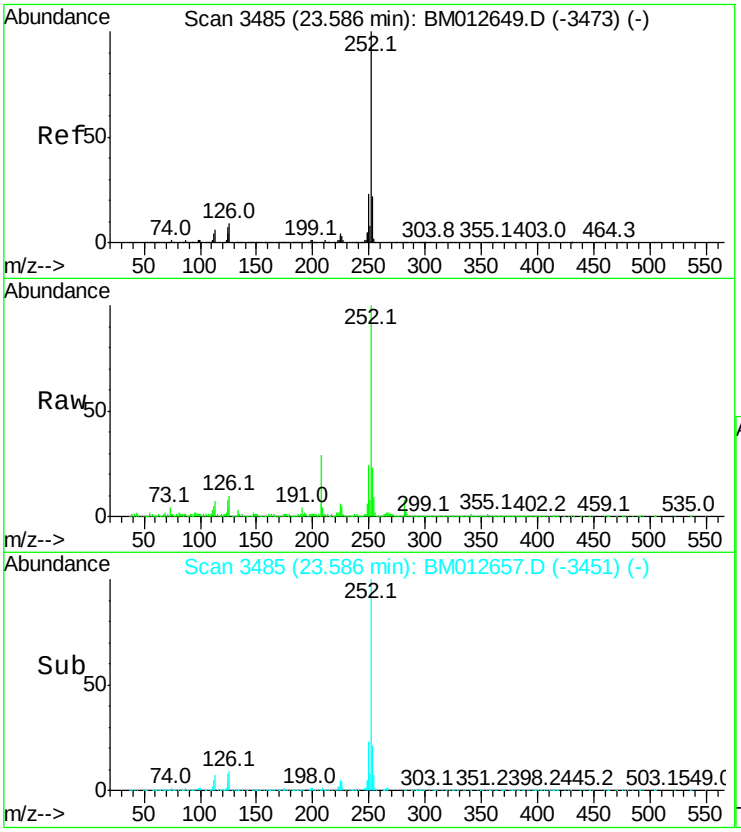


#86
Benzo(k)fluoranthene
Concen: 6.823 ng/ul m
RT: 23.03 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:252 Resp: 918380

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	8.5	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 13.910 ng/ul
RT: 23.59 min Scan# 3485
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:252 Resp: 1896552

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	8.0	4.0	6.0#

Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
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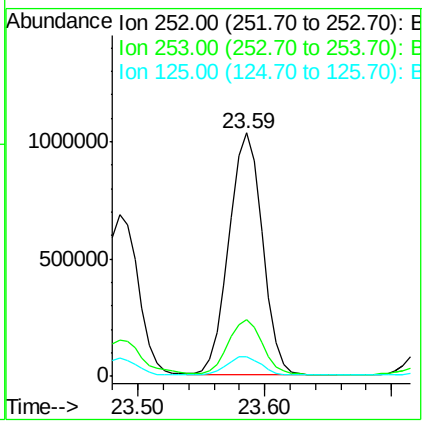
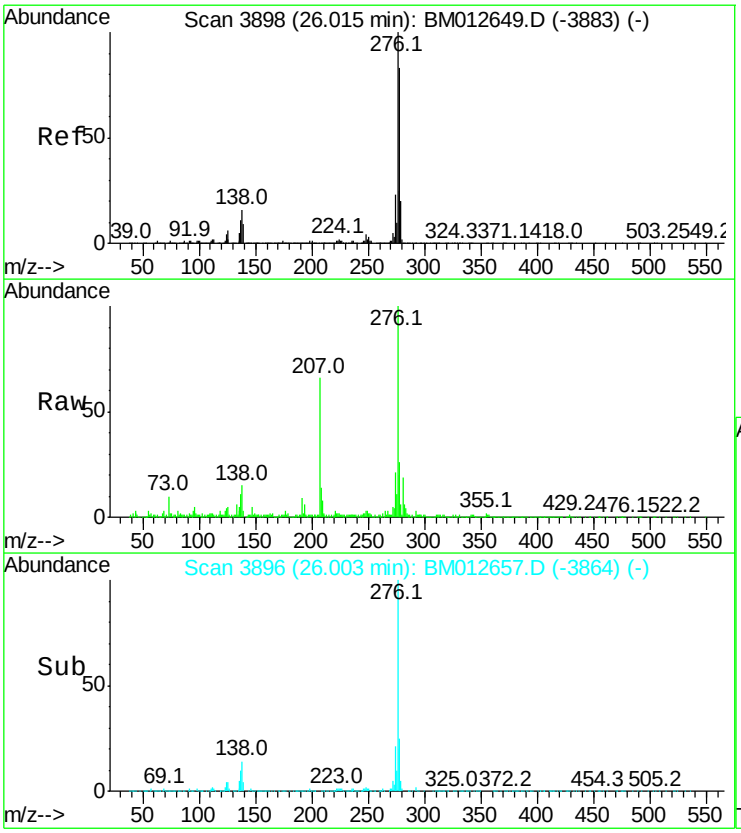
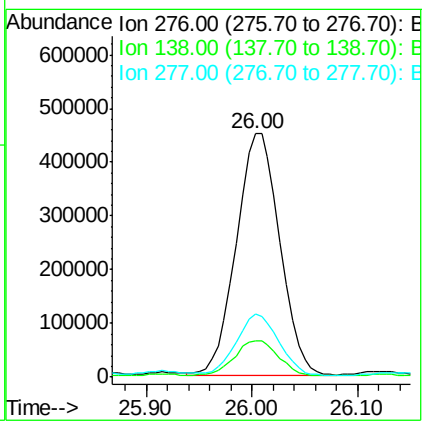


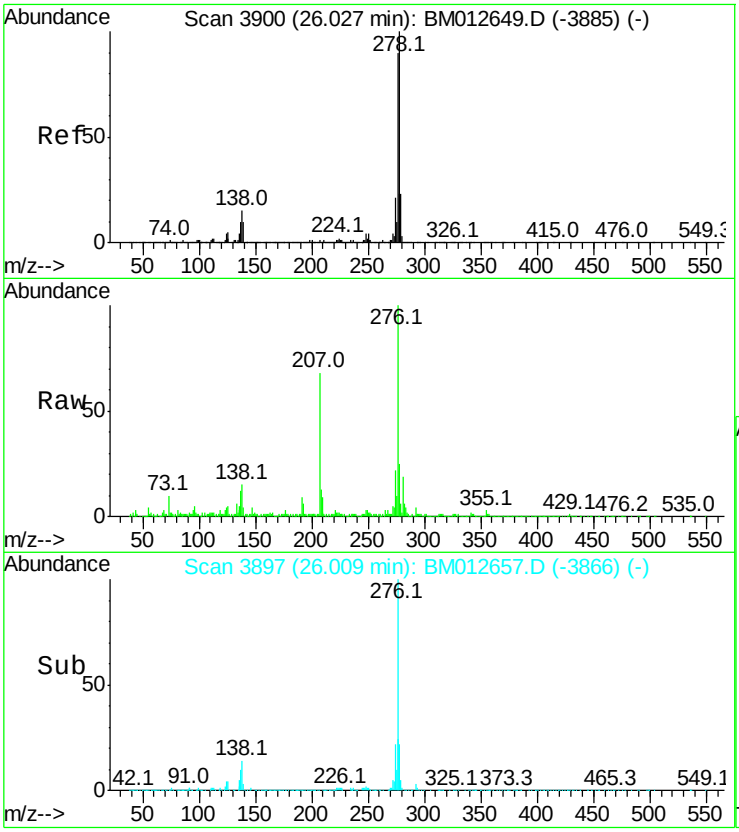


#89
Indeno(1,2,3-cd)pyrene
Concen: 8.002 ng/ul
RT: 26.00 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:276 Resp: 1284152

Ion	Ratio	Lower	Upper
276	100		
138	14.9	9.3	13.9#
277	25.8	19.9	29.9

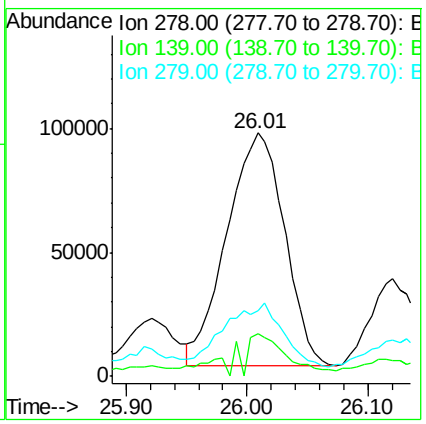




#90
Dibenzo(a,h)anthracene
Concen: 2.294 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. -0.02 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

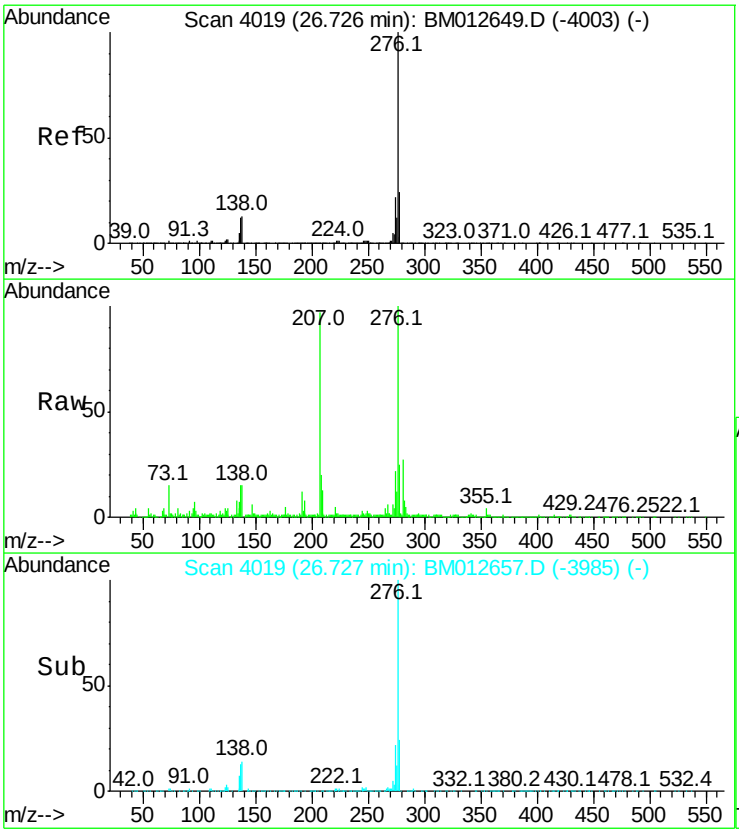
Tgt Ion:278 Resp: 312097

Ion	Ratio	Lower	Upper
278	100		
139	17.5	5.8	8.8#
279	27.2	18.6	27.8

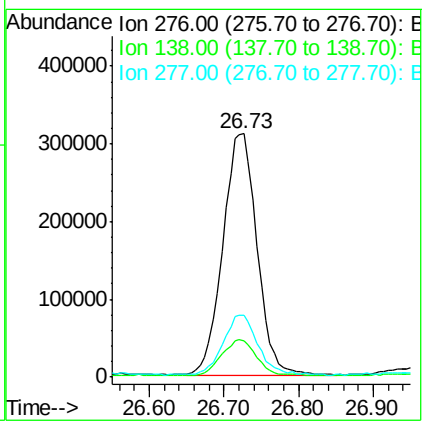


Instrument :
BNA_M
ClientSampleId :
B0DT8

Manual Integrations APPROVED
Sohil
11/2/2017 5:22:34 PM



#91
Benzo(g,h,i)perylene
Concen: 7.571 ng/ul
RT: 26.73 min Scan# 4019
Delta R.T. 0.00 min
Lab File: BM012657.D
Acq: 02 Nov 2017 03:21

Tgt Ion:276 Resp: 984596

Ion	Ratio	Lower	Upper
276	100		
138	14.8	8.5	12.7#
277	25.3	18.6	28.0