Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013472.D
Acq On : 16 Dec 2017 11:11
Operator : SJ/JU
Sample : I6799-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B3

Manual Integrations APPROVED
Sohil
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Quant Time: Dec 18 02:50:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	295288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1297426	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	746137	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1636382	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1326659	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1092545	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17650	2.96	ng/uL	0.00
5) Phenol-d5	6.85	99	561709	21.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	332038	22.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	469972	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	429999	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	245468	23.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	275880	25.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	520117	22.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	615136	29.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1601255	24.12	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2032764	24.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	196934	17.07	ng/ul	0.00
57) Fluorene-d10	15.32	176	1364692	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	89668	8.71	ng/ul	0.00
70) Anthracene-d10	17.17	188	2078963	25.37	ng/ul	0.00
76) Pyrene-d10	19.47	212	2160385	32.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1423303	25.58	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.78	163	258758	4.075	ng/ul	100
69) Phenanthrene	17.11	178	572950	6.163	ng/ul	99
71) Anthracene	17.20	178	171428	1.804	ng/ul	98
74) Fluoranthene	19.13	202	1584146	13.905	ng/ul#	93
77) Pyrene	19.49	202	1317507	16.347	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	694752	8.254	ng/ul	100
82) Chrysene	21.30	228	589505	7.549	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	769081	10.442	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	201450m	2.907	ng/ul	
88) Benzo(a)pyrene	23.39	252	488872	7.389	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	301479	4.593	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	81992	1.467	ng/ul#	93
91) Benzo(g,h,i)perylene	26.40	276	212318	4.100	ng/ul#	89

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121517\
Data File : BM013472.D
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Instrument :
BNA_M
ClientSampleId :
C02B3

Manual Integrations APPROVED
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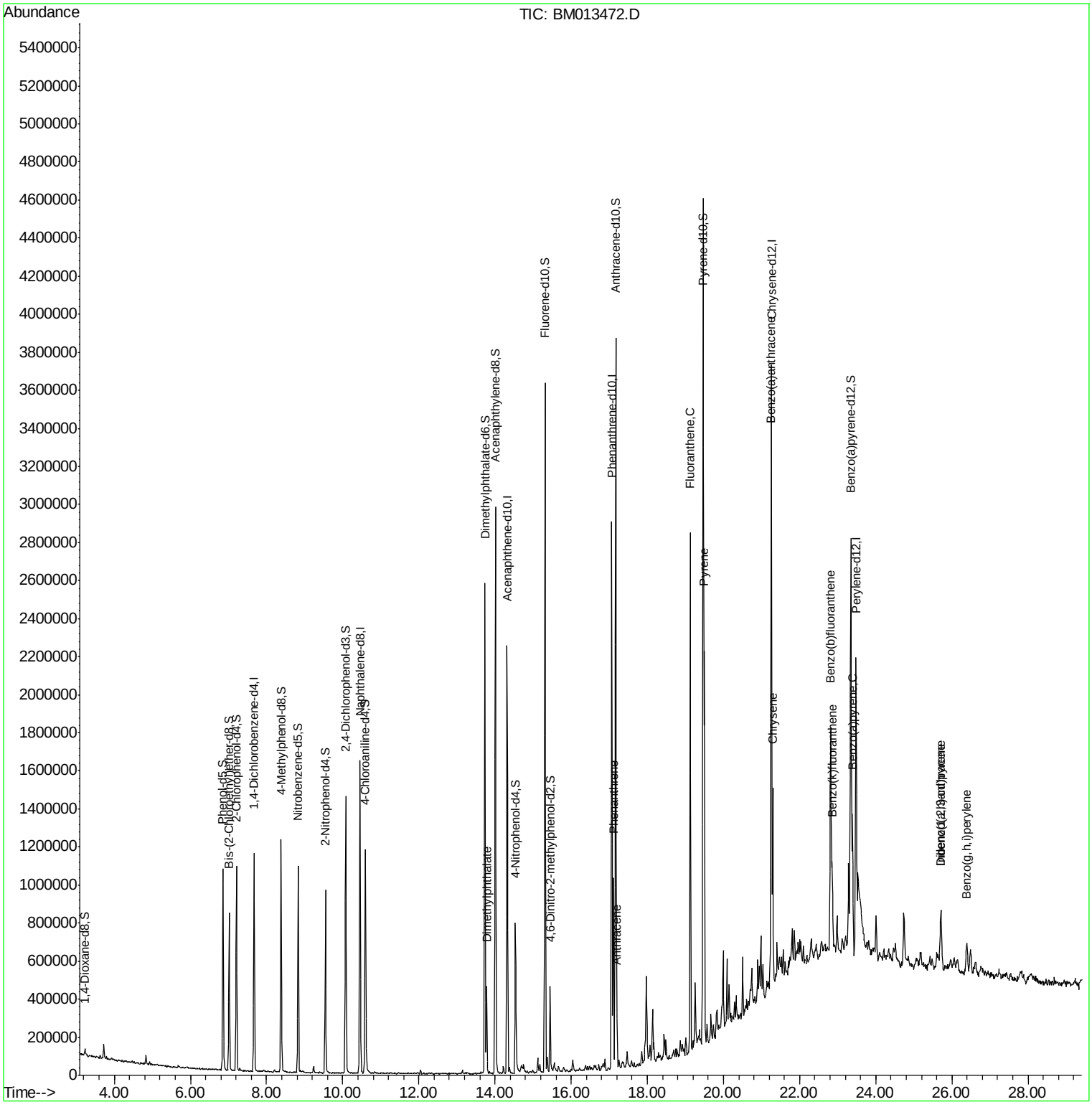
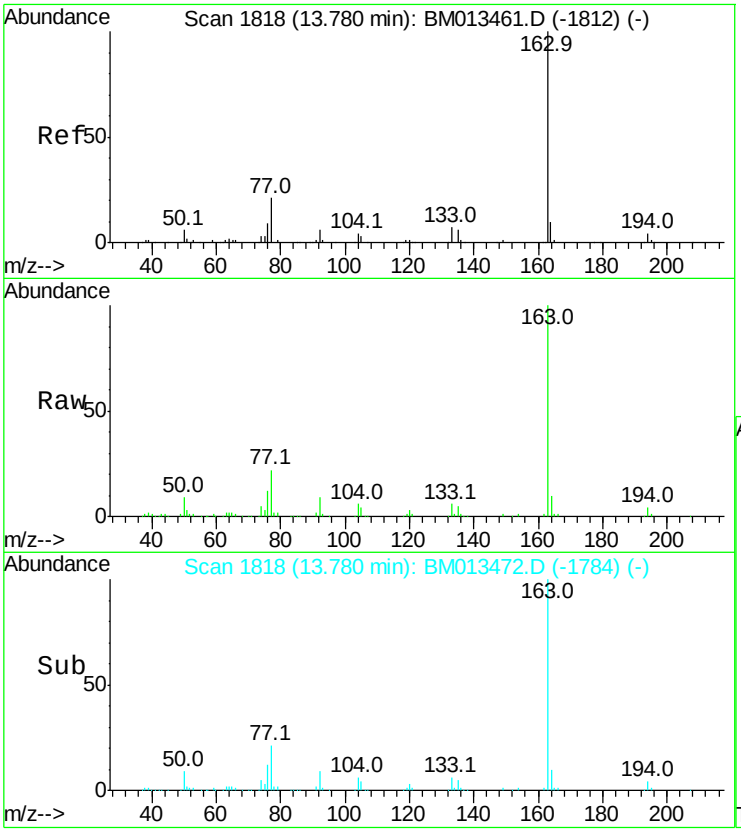
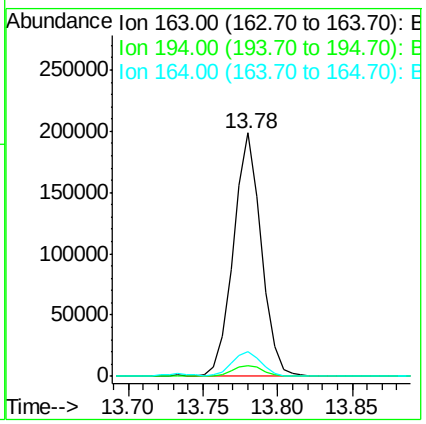




#44
Dimethylphthalate
Concen: 4.075 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:163 Resp: 258758

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.2	12.4



Instrument :
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ClientSampleId :
C02B3

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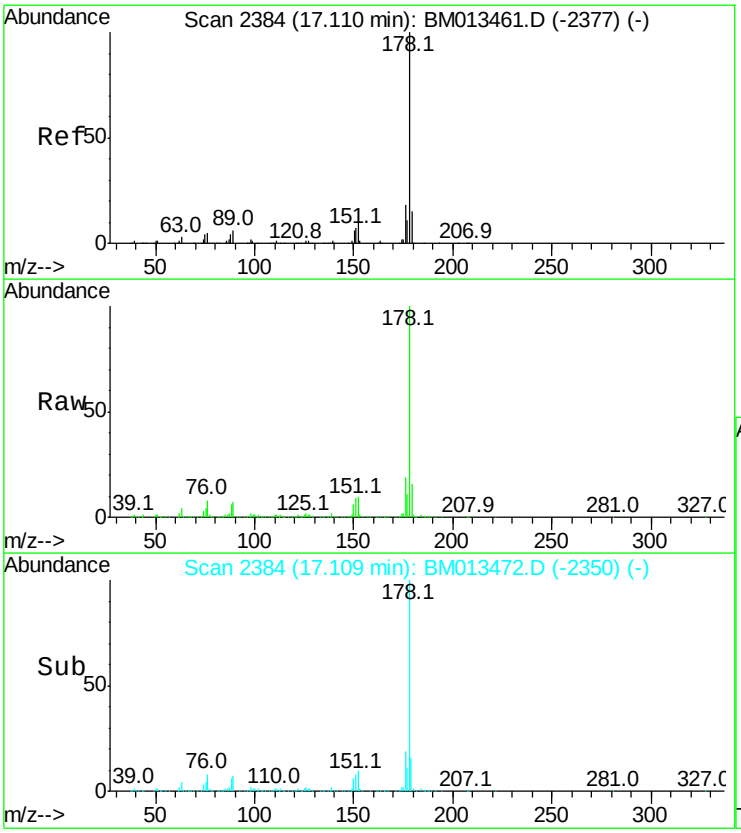
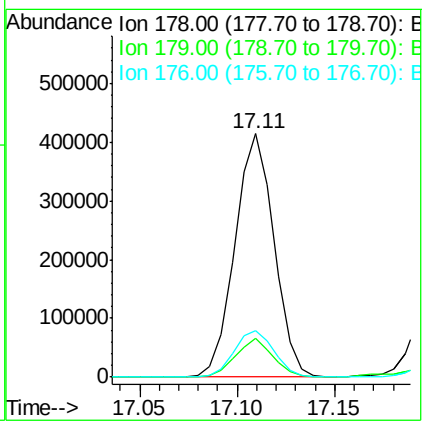
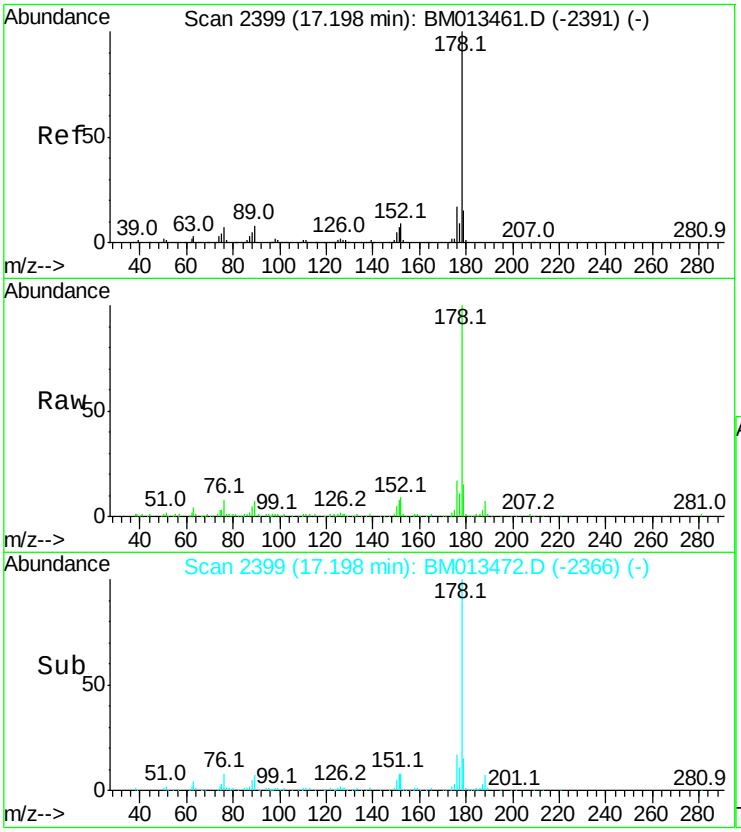


#69
Phenanthrene
Concen: 6.163 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:178 Resp: 572950

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.8	14.9	22.3

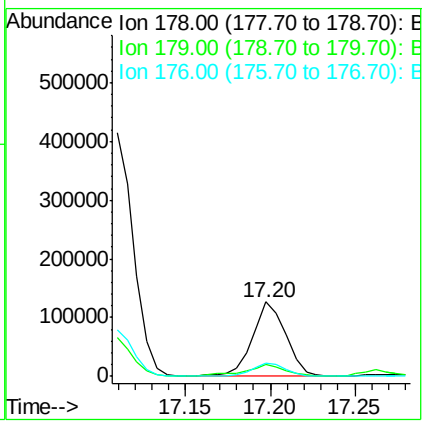




#71
Anthracene
Concen: 1.804 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:178 Resp: 171428

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	17.3	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
C02B3

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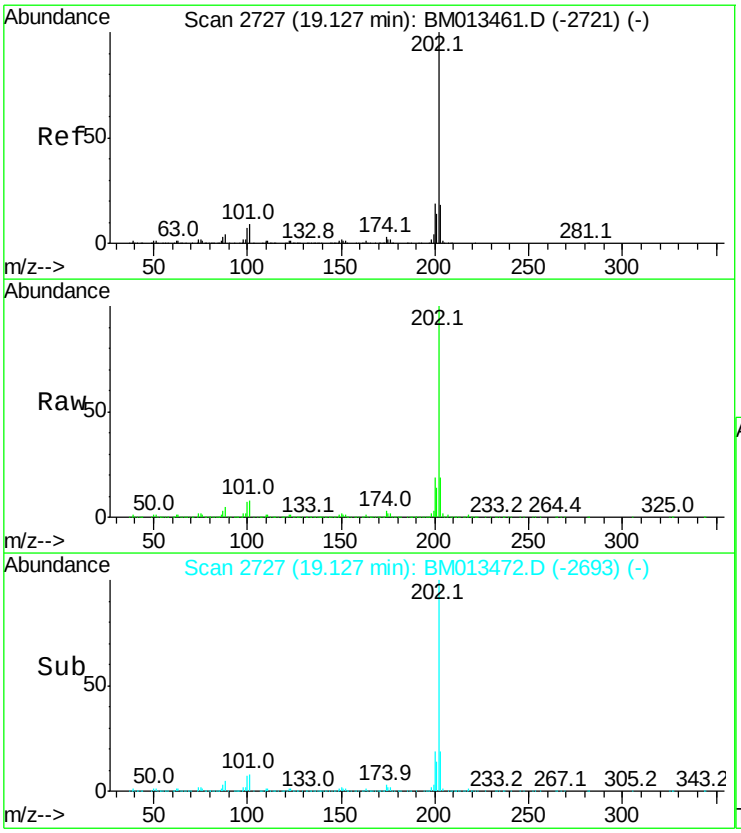
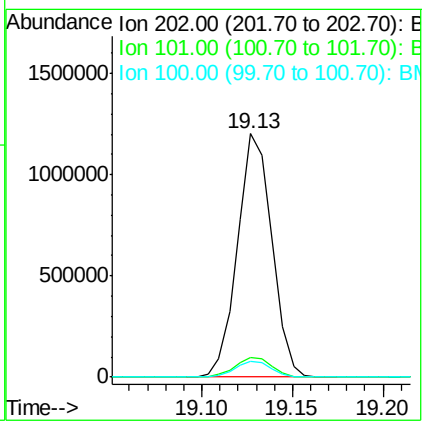
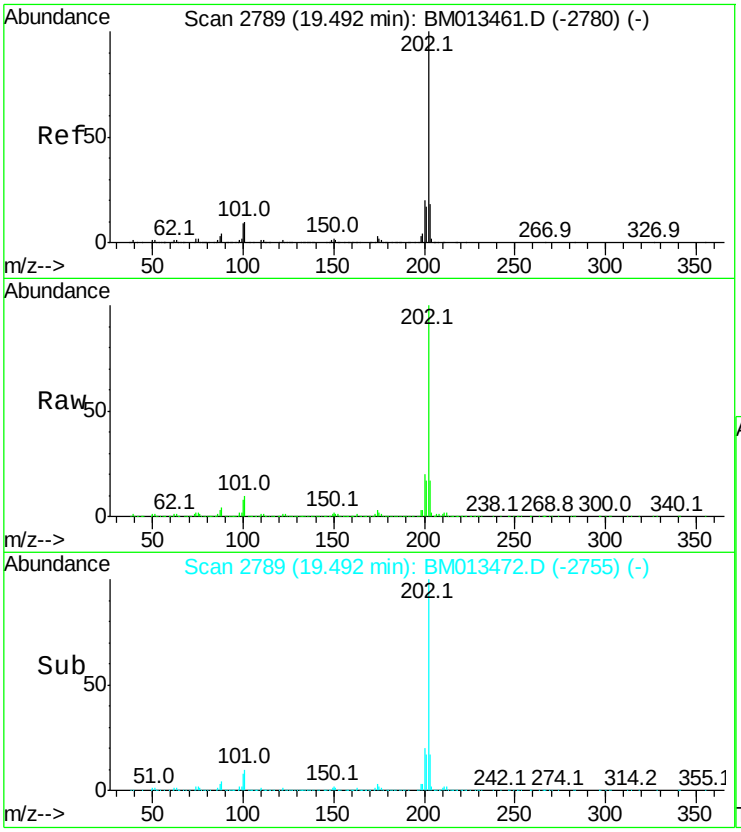


#74
Fluoranthene
Concen: 13.905 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:202 Resp: 1584146

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.6	3.4	5.2#





#77
Pyrene
Concen: 16.347 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:202 Resp: 1317507

Ion	Ratio	Lower	Upper
202	100		
101	10.1	5.1	7.7#
100	8.0	4.9	7.3#

Instrument :
BNA_M
ClientSampleId :
C02B3

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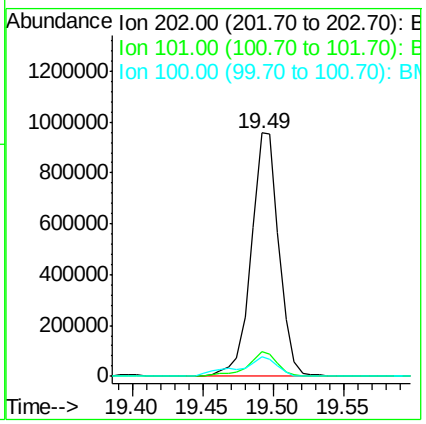
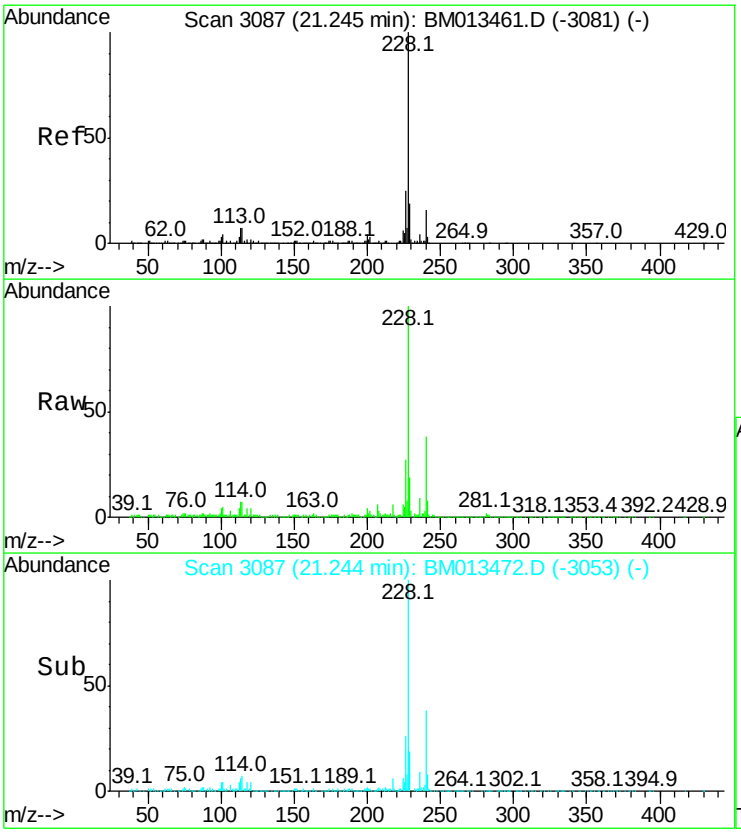
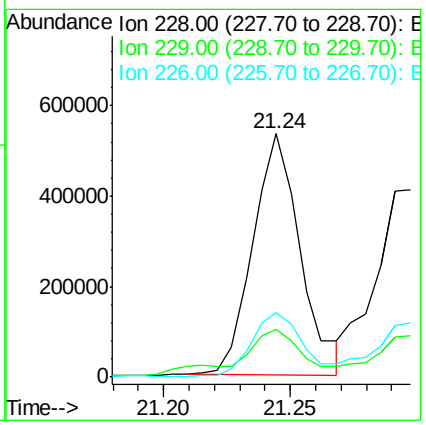


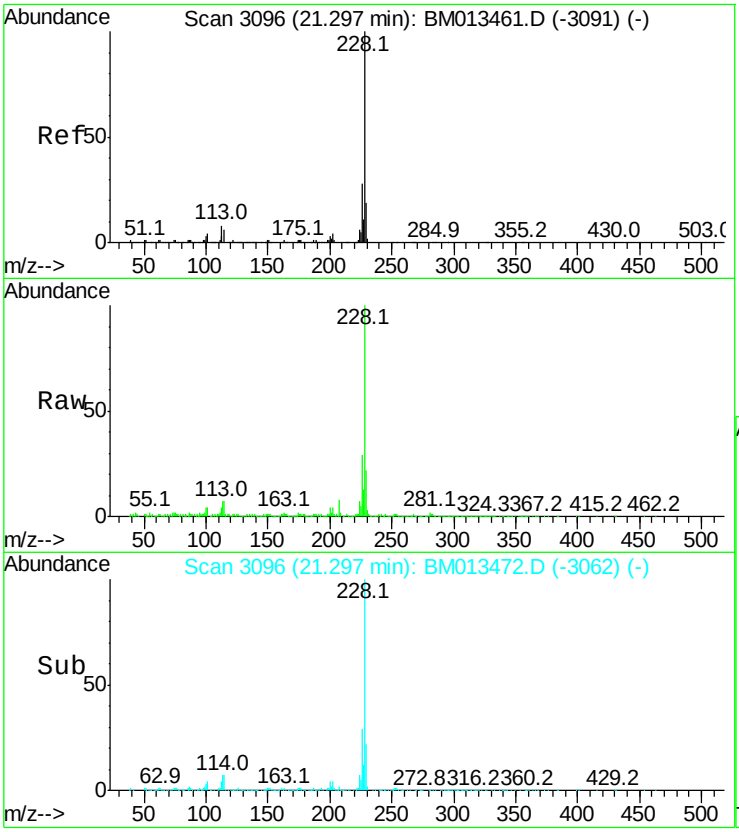


#80
Benzo(a)anthracene
Concen: 8.254 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:228 Resp: 694752

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	26.7	21.4	32.0

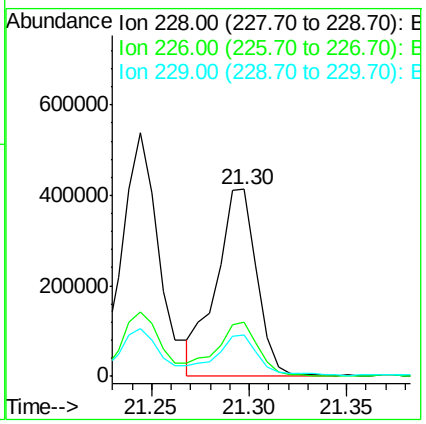




#82
Chrysene
Concen: 7.549 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:228 Resp: 589505

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.9	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
C02B3

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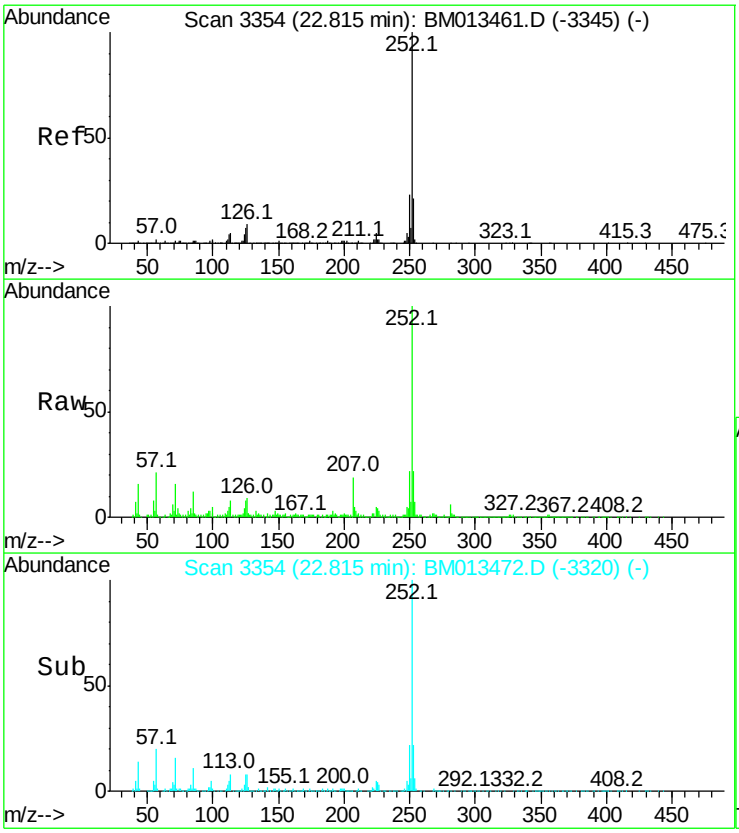
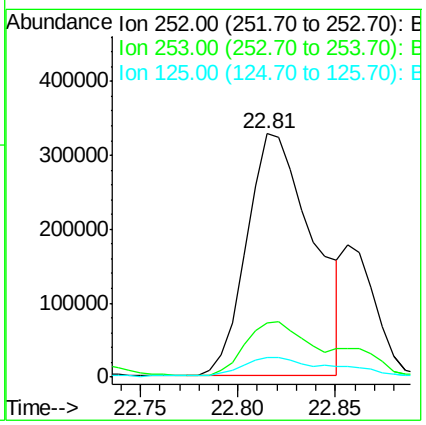
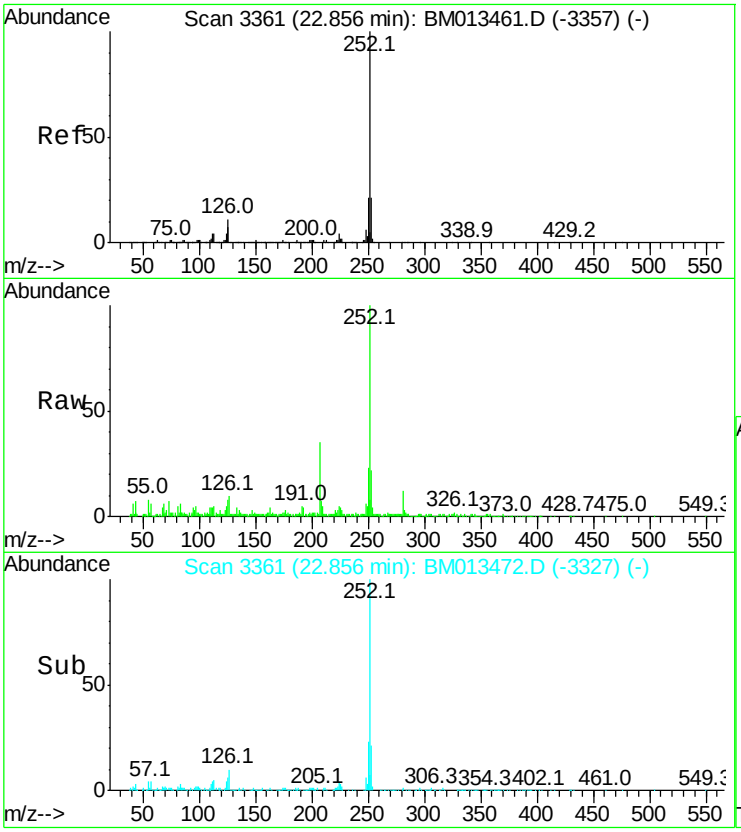


#85
Benzo(b)fluoranthene
Concen: 10.442 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:252 Resp: 769081

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.1	3.6	5.4#

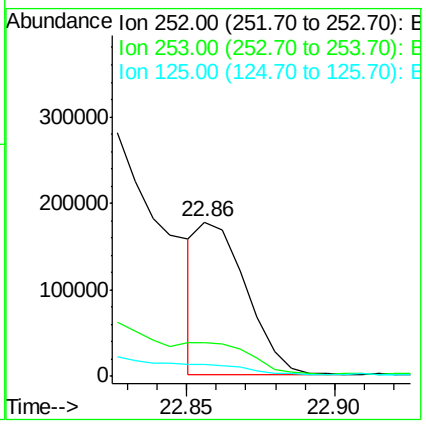




#86
Benzo(k)fluoranthene
Concen: 2.907 ng/ul m
RT: 22.86 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:252 Resp: 201450

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	7.6	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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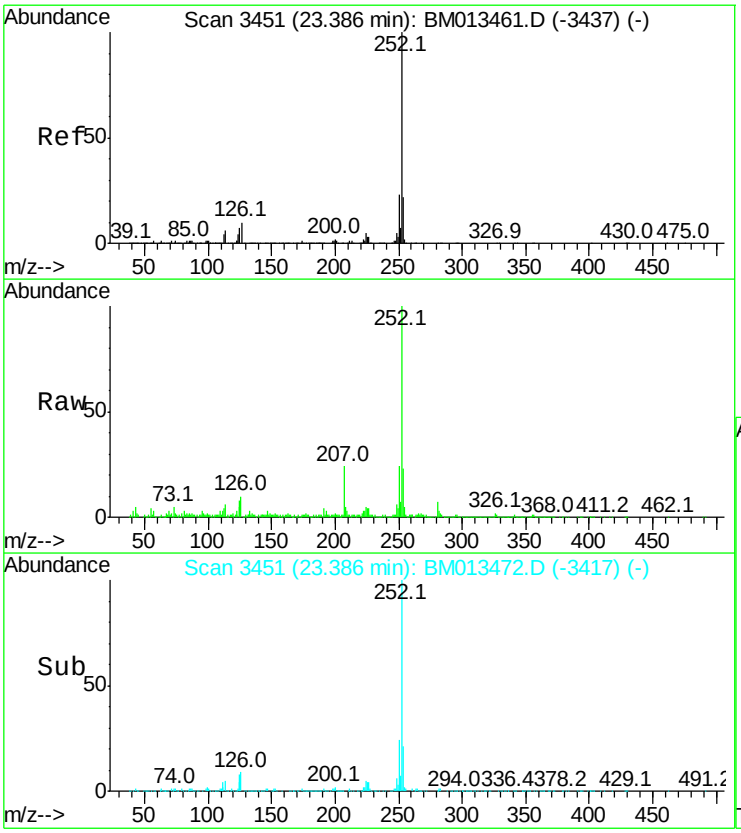
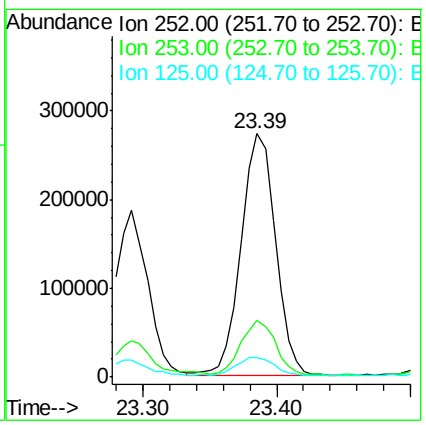
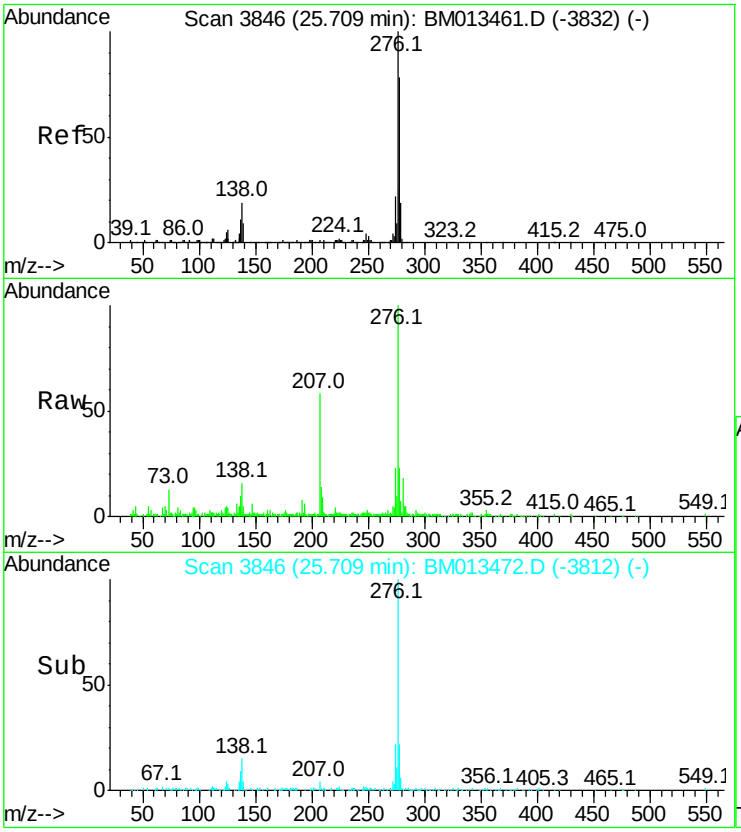


#88
Benzo(a)pyrene
Concen: 7.389 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:252 Resp: 488872

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.3	4.0	6.0#

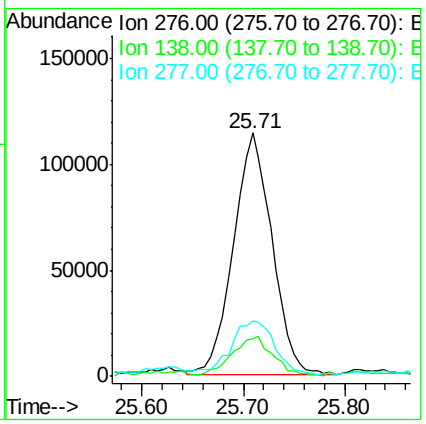




#89
Indeno(1,2,3-cd)pyrene
Concen: 4.593 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:276 Resp: 301479

Ion	Ratio	Lower	Upper
276	100		
138	15.5	9.3	13.9#
277	22.6	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C02B3

Manual Integrations APPROVED
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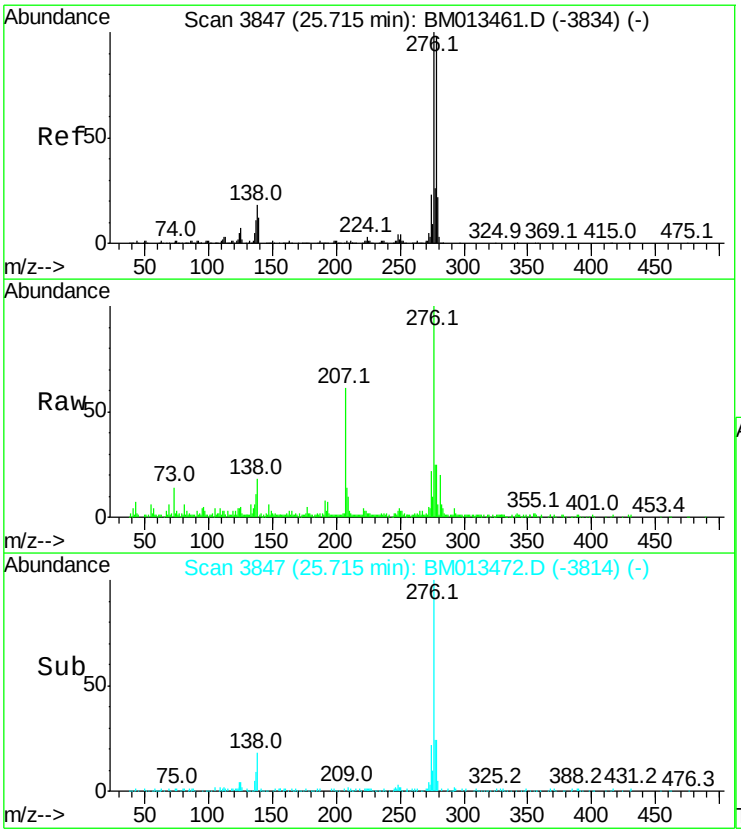
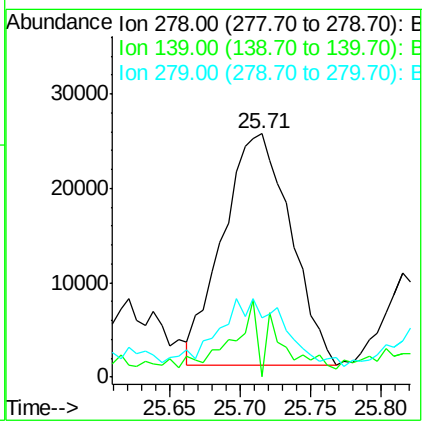
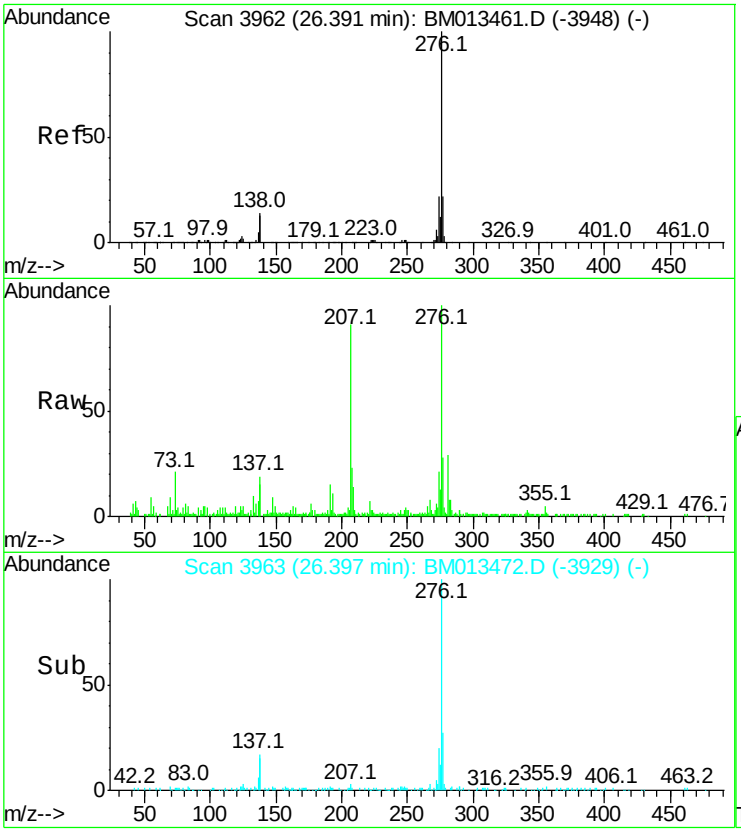


#90
Dibenzo(a,h)anthracene
Concen: 1.467 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:278 Resp: 81992

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.5	18.6	27.8

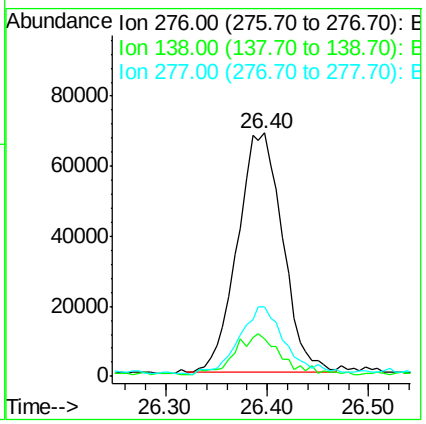




#91
Benzo(g,h,i)perylene
Concen: 4.100 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.00 min
Lab File: BM013472.D
Acq: 16 Dec 2017 11:11

Tgt Ion:276 Resp: 212318

Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.5	12.7#
277	28.5	18.6	28.0#



Instrument :
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ClientSampleId :
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12/18/2017 2:10:36 PM