Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

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Quant Time: Dec 19 02:17:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	122399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	485952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	323152	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	643454	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	811080	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	856274	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	2773	1.07	ng/uL	0.01
5) Phenol-d5	6.87	99	40111	4.22	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.02	67	27489	5.04	ng/ul	0.01
9) 2-Chlorophenol-d4	7.21	132	35409	4.96	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	28600	3.89	ng/ul	0.03
19) Nitrobenzene-d5	8.84	128	18382m	5.23	ng/ul	0.02
22) 2-Nitrophenol-d4	9.56	143	19691m	5.06	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.13	165	34546m	4.84	ng/ul	0.06
29) 4-Chloroaniline-d4	10.65	131	23587m	2.89	ng/ul	0.06
43) Dimethylphthalate-d6	13.73	166	132259	6.16	ng/ul	0.01
46) Acenaphthylene-d8	13.99	160	157506	6.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	2416m	0.76	ng/ul	0.15
57) Fluorene-d10	15.31	176	114511	6.13	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.49	200	7721	2.02	ng/ul	0.04
70) Anthracene-d10	17.16	188	176943	6.31	ng/ul	0.00
76) Pyrene-d10	19.46	212	213502	6.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	224634	6.25	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	9980	1.01	ng/ul#	83
44) Dimethylphthalate	13.77	163	34460	1.64	ng/ul	96
47) Acenaphthylene	14.03	152	33935	1.31	ng/ul	99
71) Anthracene	17.20	178	42665	1.27	ng/ul	96
77) Pyrene	19.49	202	49136	1.23	ng/ul	98
80) Benzo(a)anthracene	21.24	228	76985m	1.84	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.16	149	692184	33.09	ng/ul	99
82) Chrysene	21.29	228	157802	3.91	ng/ul	95
85) Benzo(b)fluoranthene	22.81	252	452938	9.80	ng/ul	97
86) Benzo(k)fluoranthene	22.86	252	132710m	3.00	ng/ul	
88) Benzo(a)pyrene	23.39	252	311485	6.99	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	324926	6.01	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	86750	1.91	ng/ul	92
91) Benzo(g,h,i)perylene	26.40	276	293535	6.49	ng/ul	100

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121816\
Data File : BM008437.D
Acq On : 18 Dec 2016 14:35
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 19 02:17:57 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM12
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 19 01:22:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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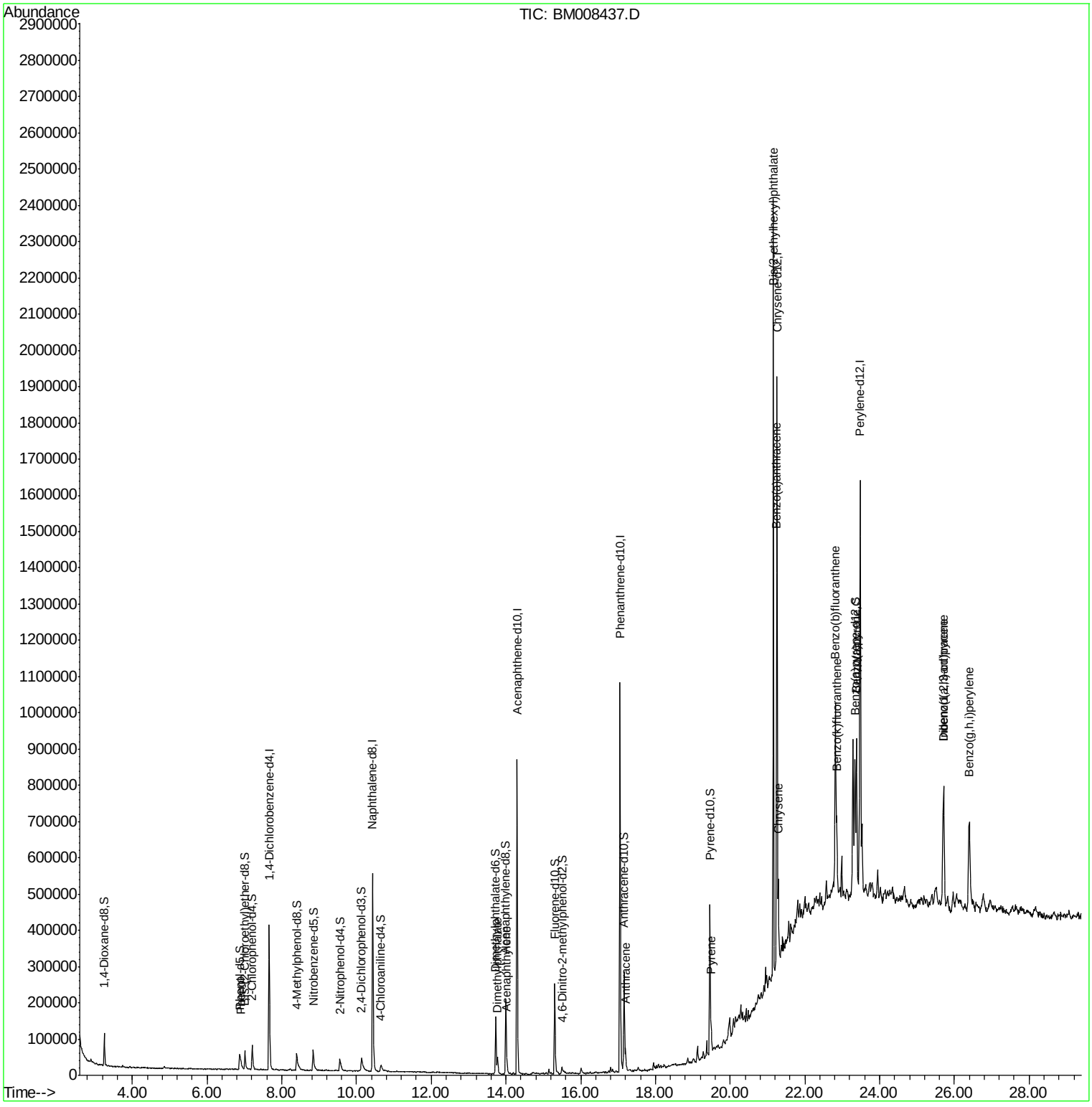
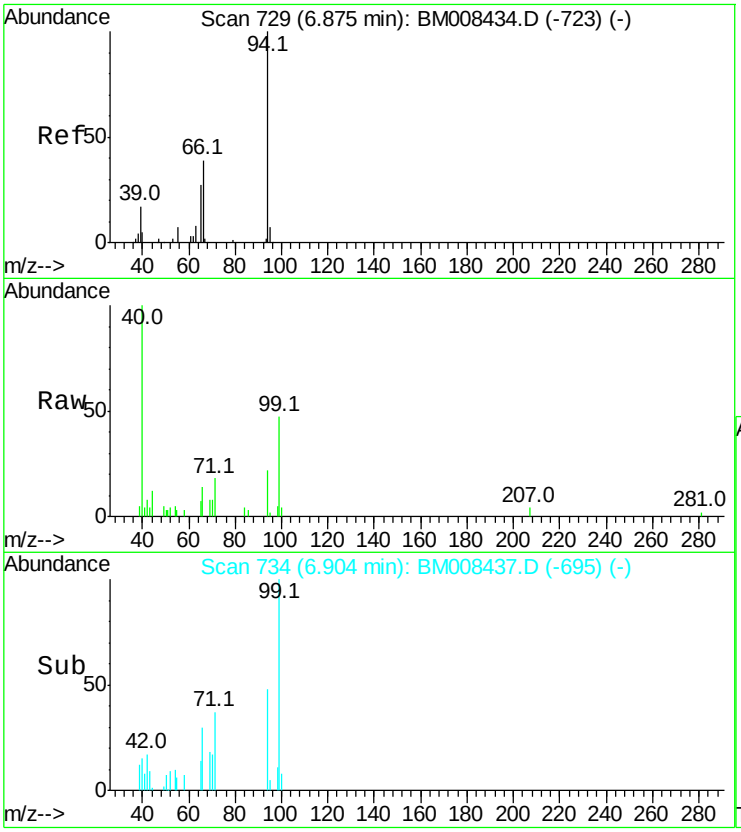
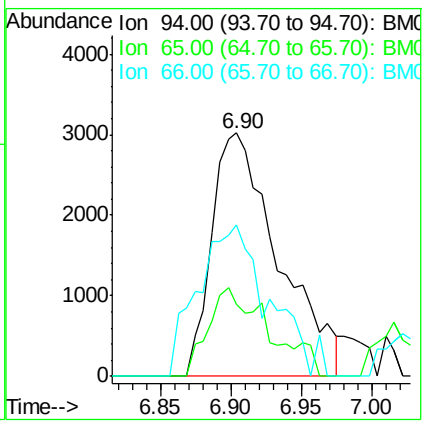




#6
Phenol
Concen: 1.01 ng/ul
RT: 6.90 min Scan# 734
Delta R.T. 0.03 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion: 94 Resp: 9980

Ion	Ratio	Lower	Upper
94	100		
65	29.5	22.6	34.0
66	62.0	35.8	53.8#



Instrument :
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ClientSampleId :
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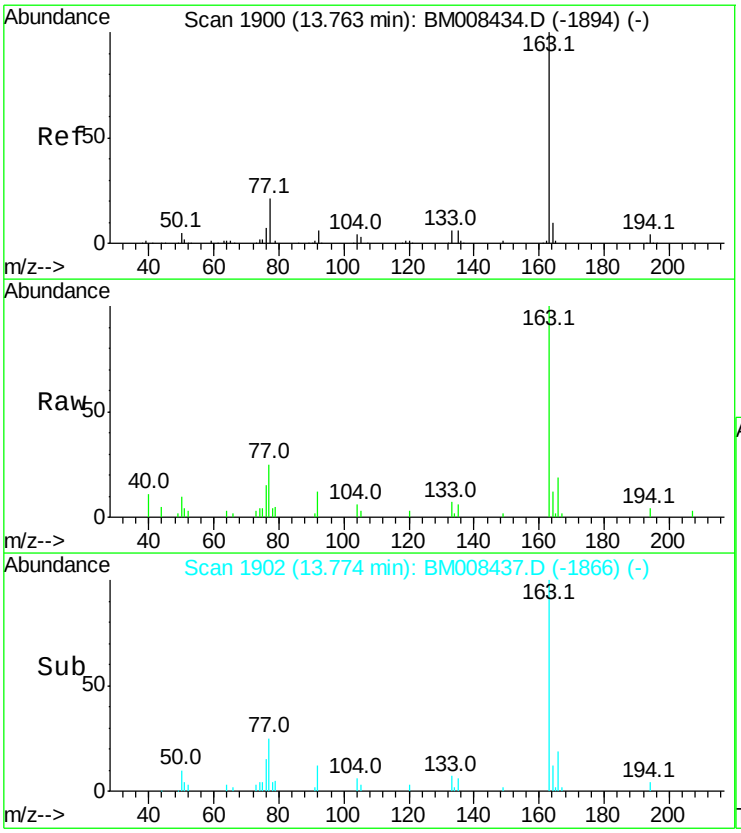
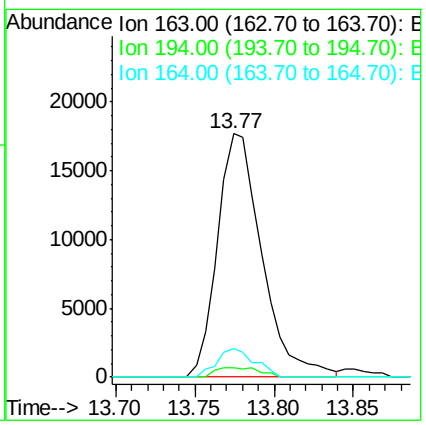
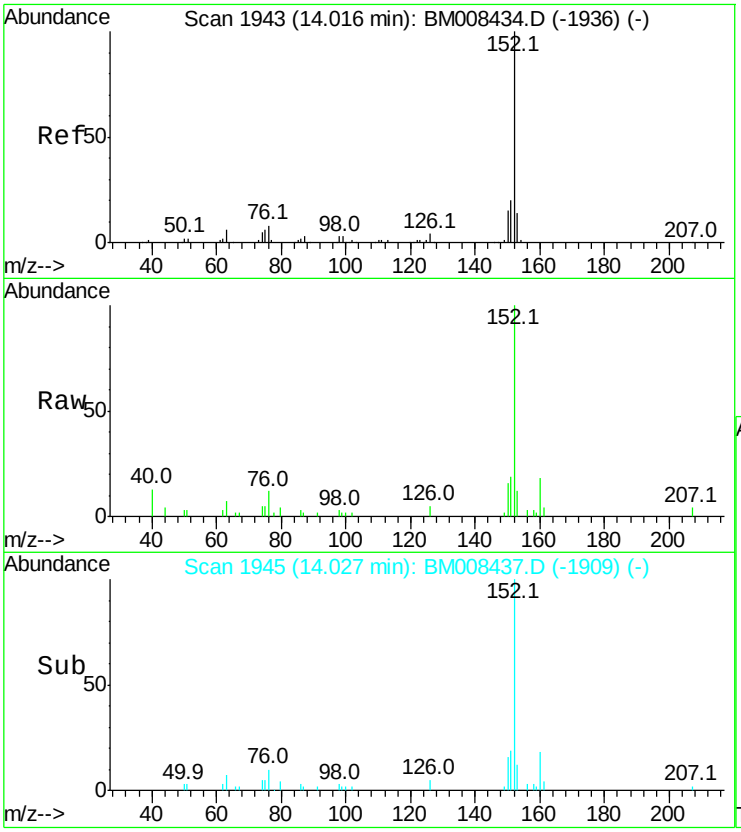


#44
Dimethylphthalate
Concen: 1.64 ng/ul
RT: 13.77 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:163 Resp: 34460

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	11.6	7.8	11.8

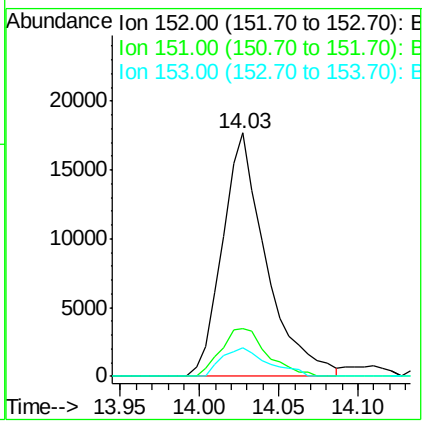




#47
Acenaphthylene
Concen: 1.31 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:152 Resp: 33935

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9
153	11.7	9.9	14.9



Instrument :
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ClientSampleId :
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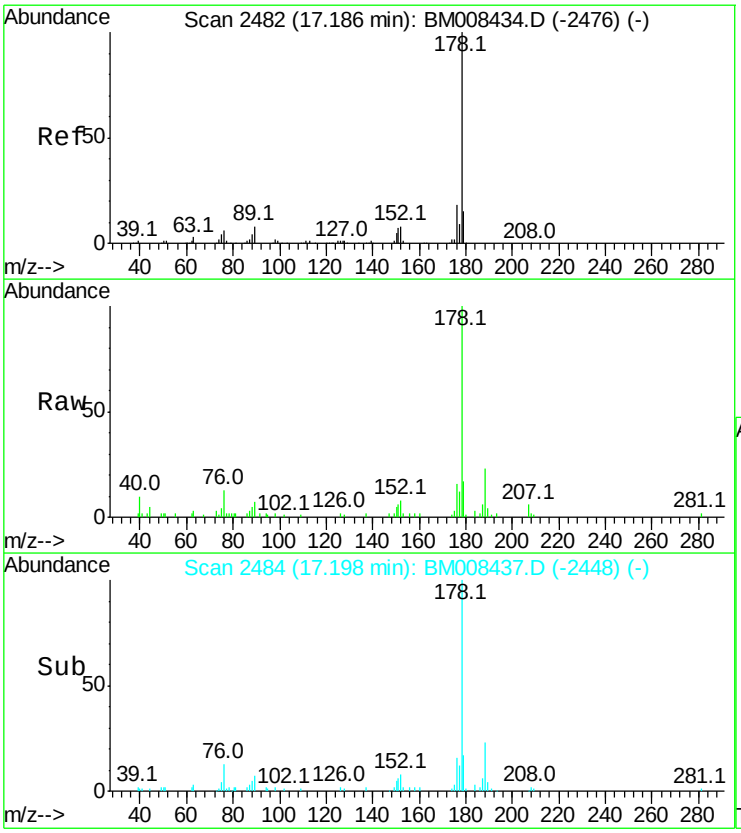
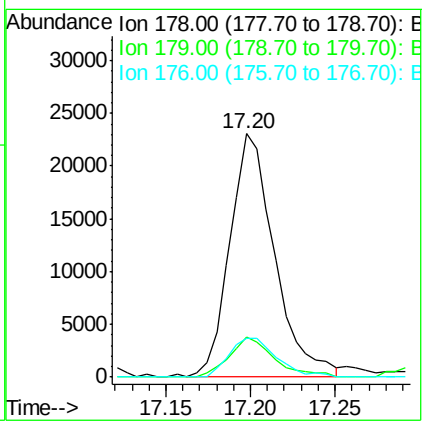
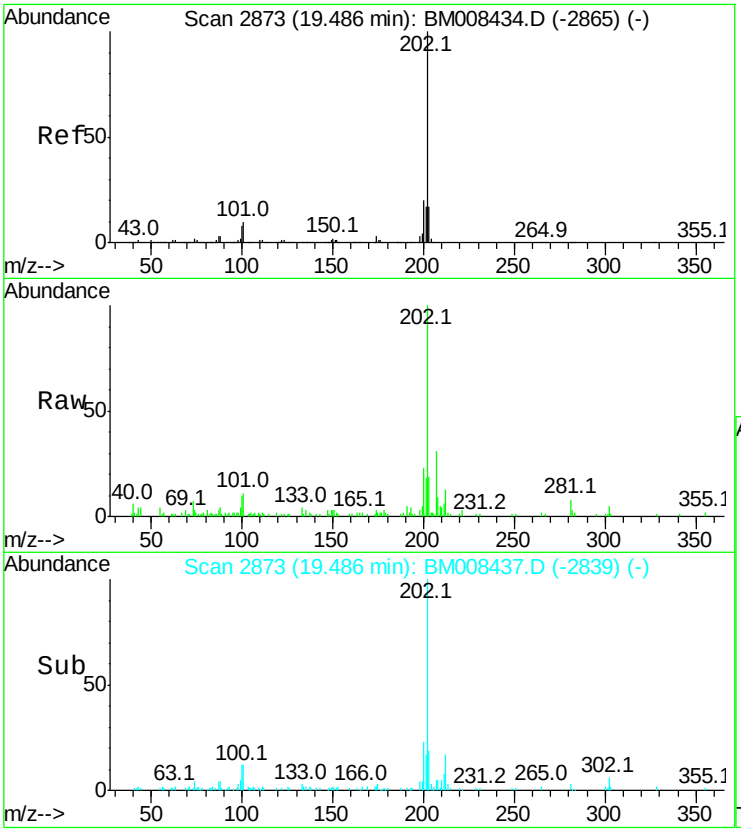


#71
Anthracene
Concen: 1.27 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:178 Resp: 42665

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.1	18.1
176	16.2	14.3	21.5

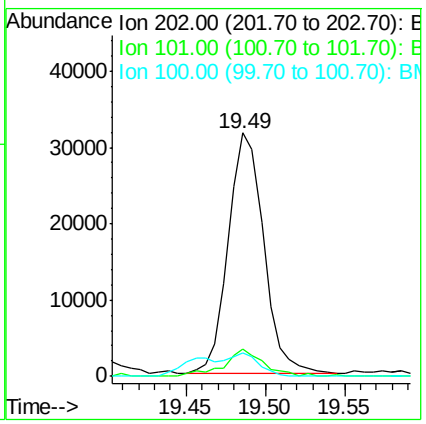




#77
Pyrene
Concen: 1.23 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:202 Resp: 49136

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.4
100	9.8	7.0	10.6



Instrument :
BNA_M
ClientSampleId :
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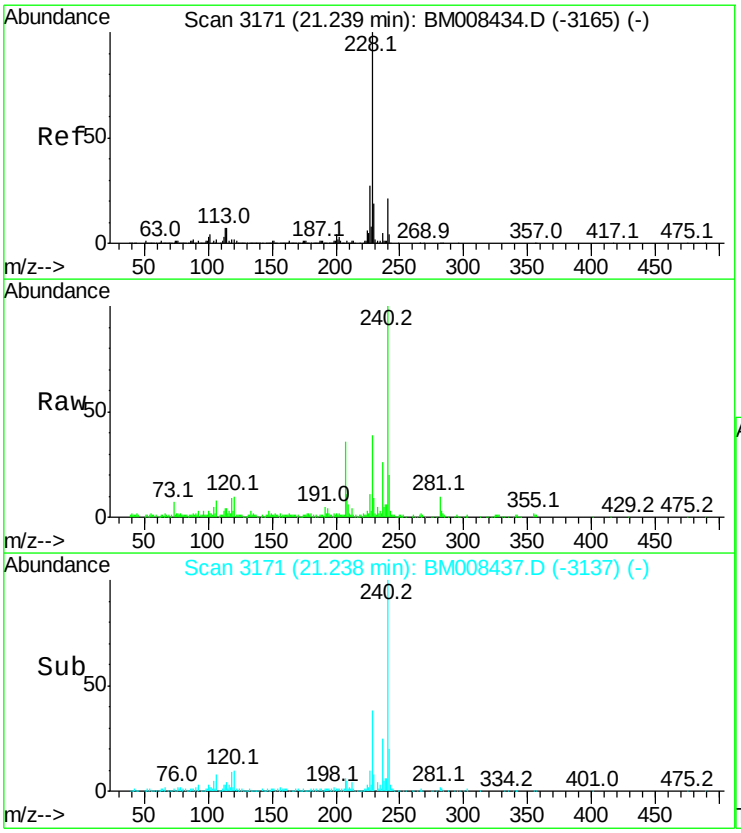
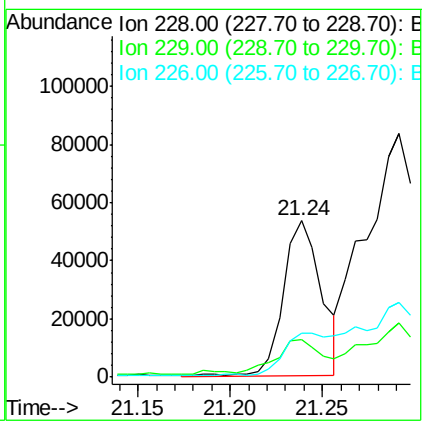
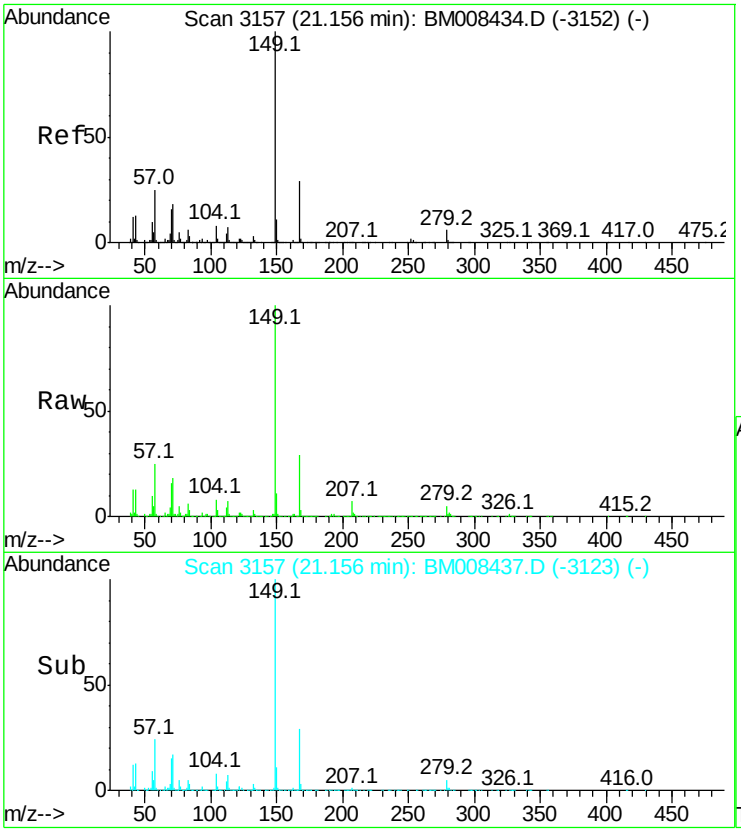


#80
Benzo(a)anthracene
Concen: 1.84 ng/ul m
RT: 21.24 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:228 Resp: 76985

Ion	Ratio	Lower	Upper
228	100		
229	23.9	15.4	23.2#
226	27.9	21.2	31.8

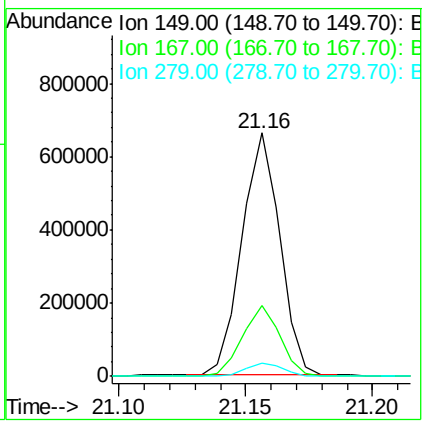




#81
Bis(2-ethylhexyl)phthalate
Concen: 33.09 ng/ul
RT: 21.16 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:149 Resp: 692184

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.6	34.0
279	5.3	4.2	6.4



Instrument :
BNA_M
ClientSampleId :
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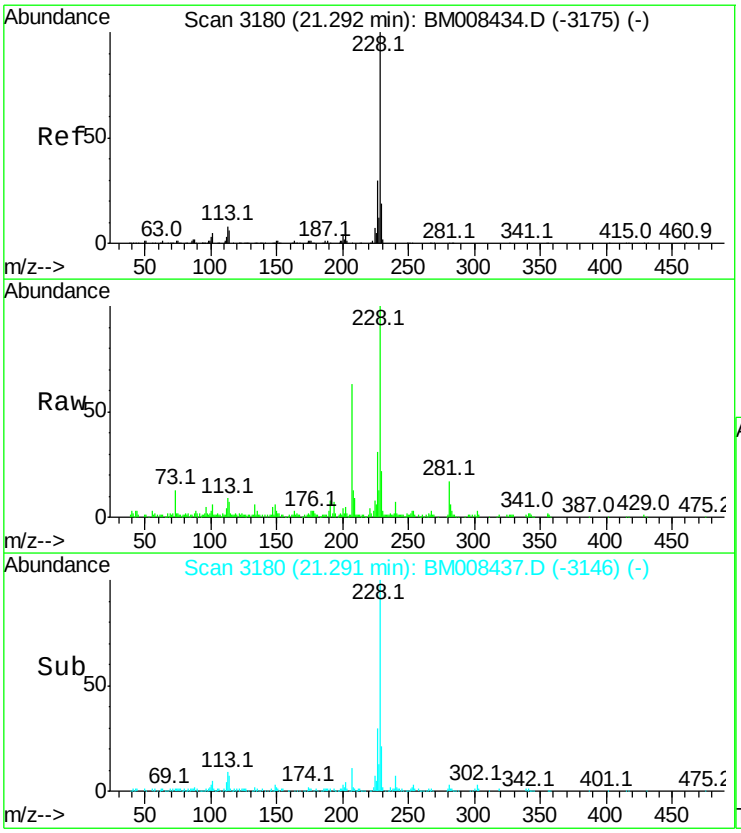
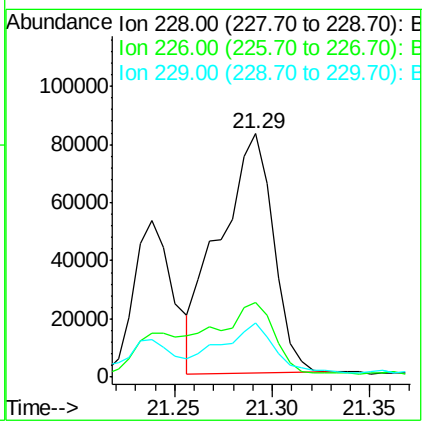
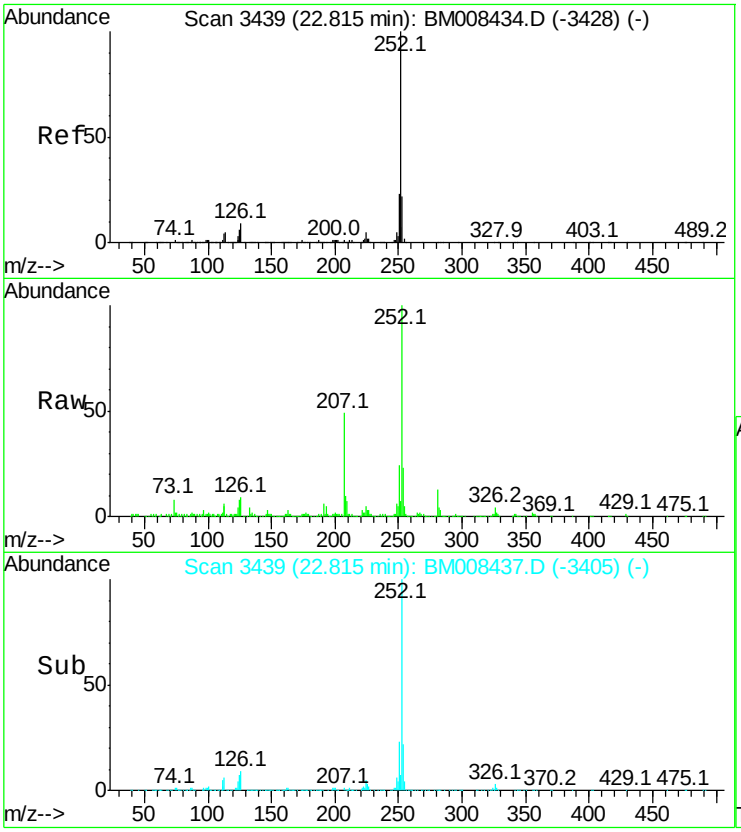


#82
Chrysene
Concen: 3.91 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:228 Resp: 157802

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.1	34.7
229	22.5	15.4	23.2

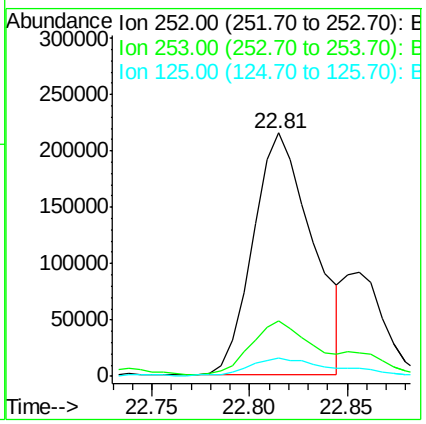




#85
Benzo(b)fluoranthene
Concen: 9.80 ng/ul
RT: 22.81 min Scan# 3439
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:252 Resp: 452938

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	7.5	5.4	8.2



Instrument :
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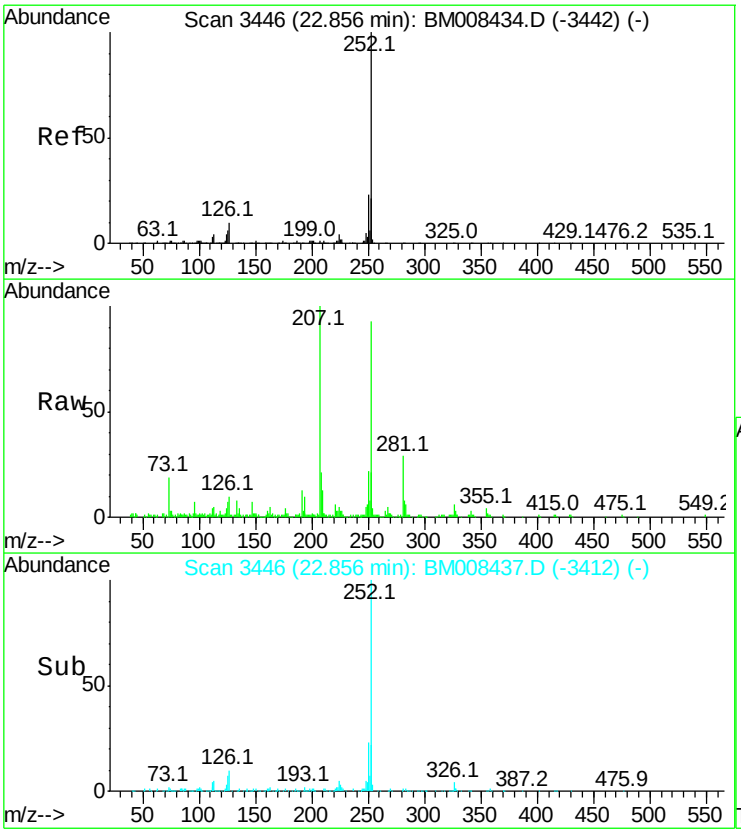
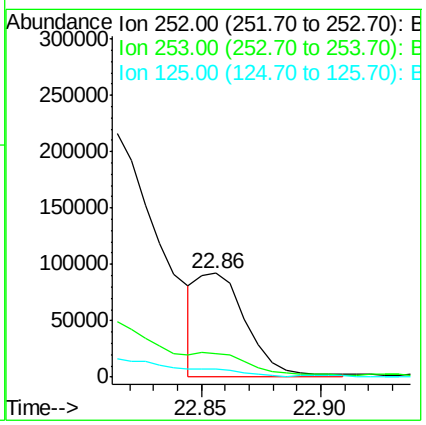
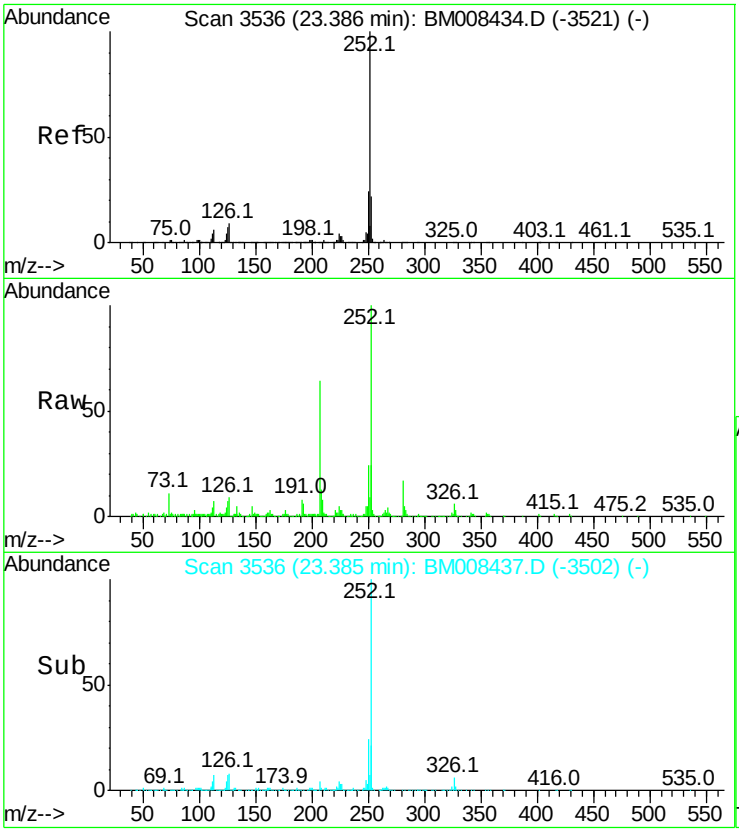


#86
Benzo(k)fluoranthene
Concen: 3.00 ng/ul m
RT: 22.86 min Scan# 3446
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:252 Resp: 132710

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	8.0	5.8	8.6

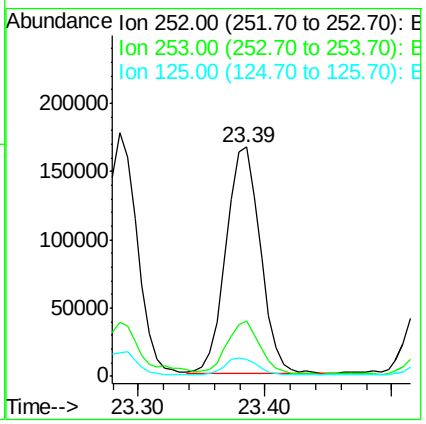




#88
Benzo(a)pyrene
Concen: 6.99 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:252 Resp: 311485

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	7.3	6.6	9.8



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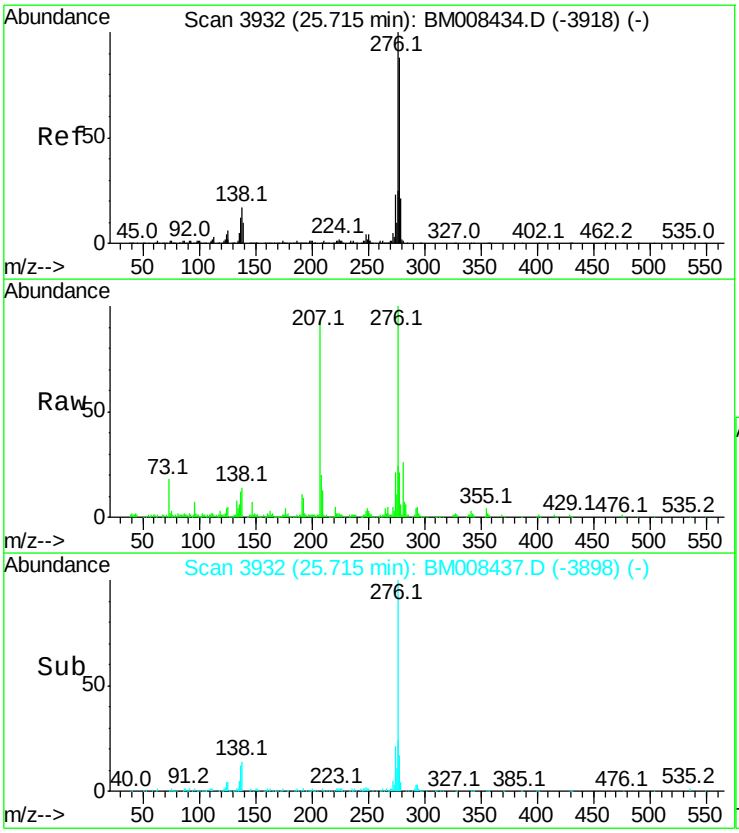
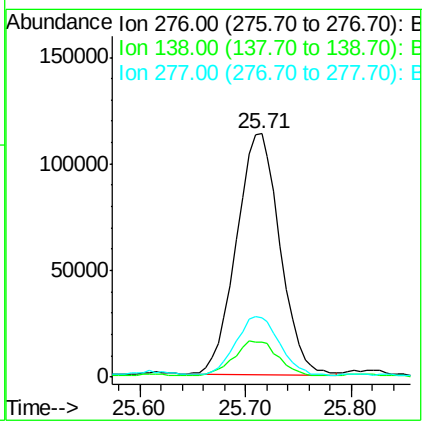
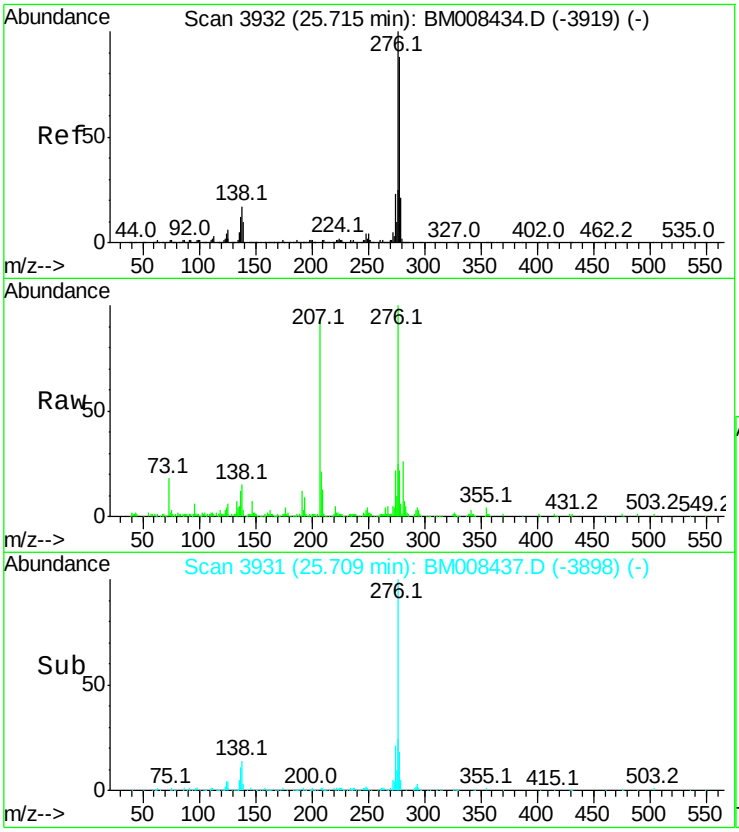


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.01 ng/ul
RT: 25.71 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:276 Resp: 324926

Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.4	20.2
277	24.2	19.7	29.5

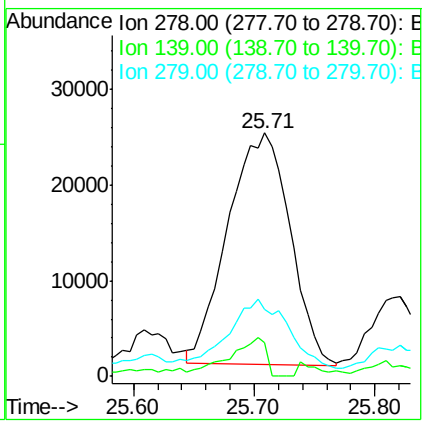




#90
Dibenzo(a,h)anthracene
Concen: 1.91 ng/ul
RT: 25.71 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:278 Resp: 86750

Ion	Ratio	Lower	Upper
278	100		
139	13.9	9.4	14.0
279	27.6	18.6	28.0



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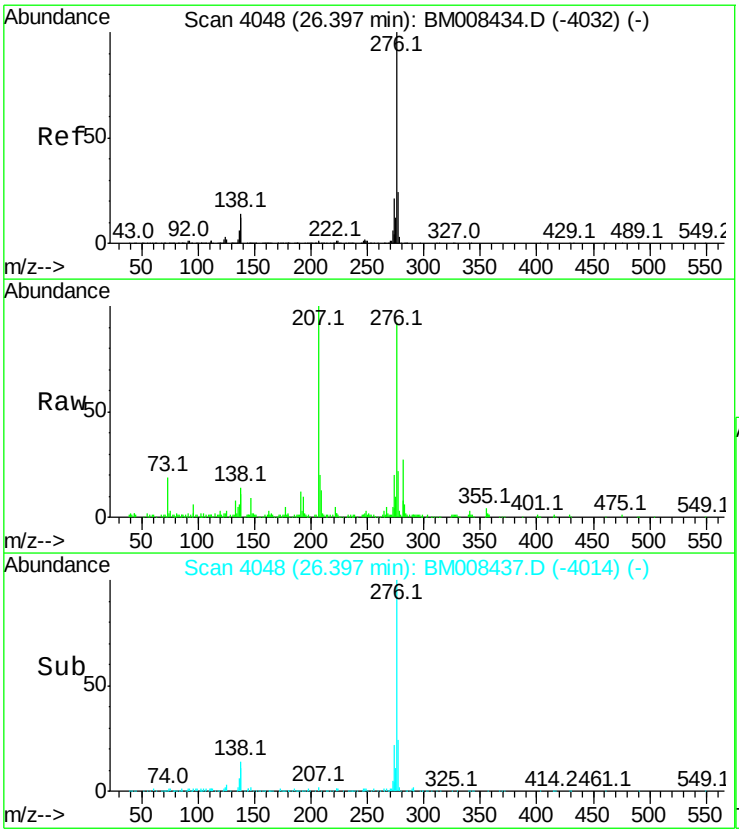

#91
Benzo(g,h,i)perylene
Concen: 6.49 ng/ul
RT: 26.40 min Scan# 4048
Delta R.T. -0.00 min
Lab File: BM008437.D
Acq: 18 Dec 2016 14:35

Tgt Ion:276 Resp: 293535

Ion	Ratio	Lower	Upper
276	100		
138	14.7	12.0	18.0
277	24.2	19.4	29.0