Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004548.D
Acq On : 04 Mar 2016 01:01
Operator : SJ/UM
Sample : H1616-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
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Quant Time: Mar 04 06:35:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	37380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	179461	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	106389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	216237	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	150964	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	143204	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	1979	2.85	ng/uL	0.00
5) Phenol-d5	6.84	99	60185	19.98	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.93	67	27473	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	54491	20.29	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	53843	20.28	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	27681	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	33074	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	58544	21.08	ng/ul	0.05
29) 4-Chloroaniline-d4	10.54	131	27283	7.99	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	189782	21.45	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	232684	21.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	454	0.35	ng/ul	-0.09
58) Fluorene-d10	15.26	176	165846	21.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	25006	17.81	ng/ul	0.00
71) Anthracene-d10	17.12	188	232007	21.93	ng/ul	0.00
79) Pyrene-d10	19.43	212	202583	24.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	164767	21.63	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.43	128	28780	2.92	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	25349	3.43	ng/ul	100
45) Dimethylphthalate	13.72	163	71291	7.66	ng/ul	99
70) Phenanthrene	17.06	178	65818	5.08	ng/ul	98
72) Anthracene	17.15	178	17975m	1.37	ng/ul	
77) Fluoranthene	19.09	202	39558	2.83	ng/ul	98
80) Pyrene	19.46	202	71490	6.53	ng/ul	99
83) Benzo(a)anthracene	21.22	228	25575	2.62	ng/ul#	82
85) Chrysene	21.26	228	32068	3.43	ng/ul#	87
88) Benzo(b)fluoranthene	22.79	252	25364m	2.66	ng/ul	
91) Benzo(a)pyrene	23.35	252	27076	3.00	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	25.68	276	17900	1.99	ng/ul	96
94) Benzo(g,h,i)perylene	26.36	276	33193	4.39	ng/ul	93

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

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Instrument :
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ClientSampleId :
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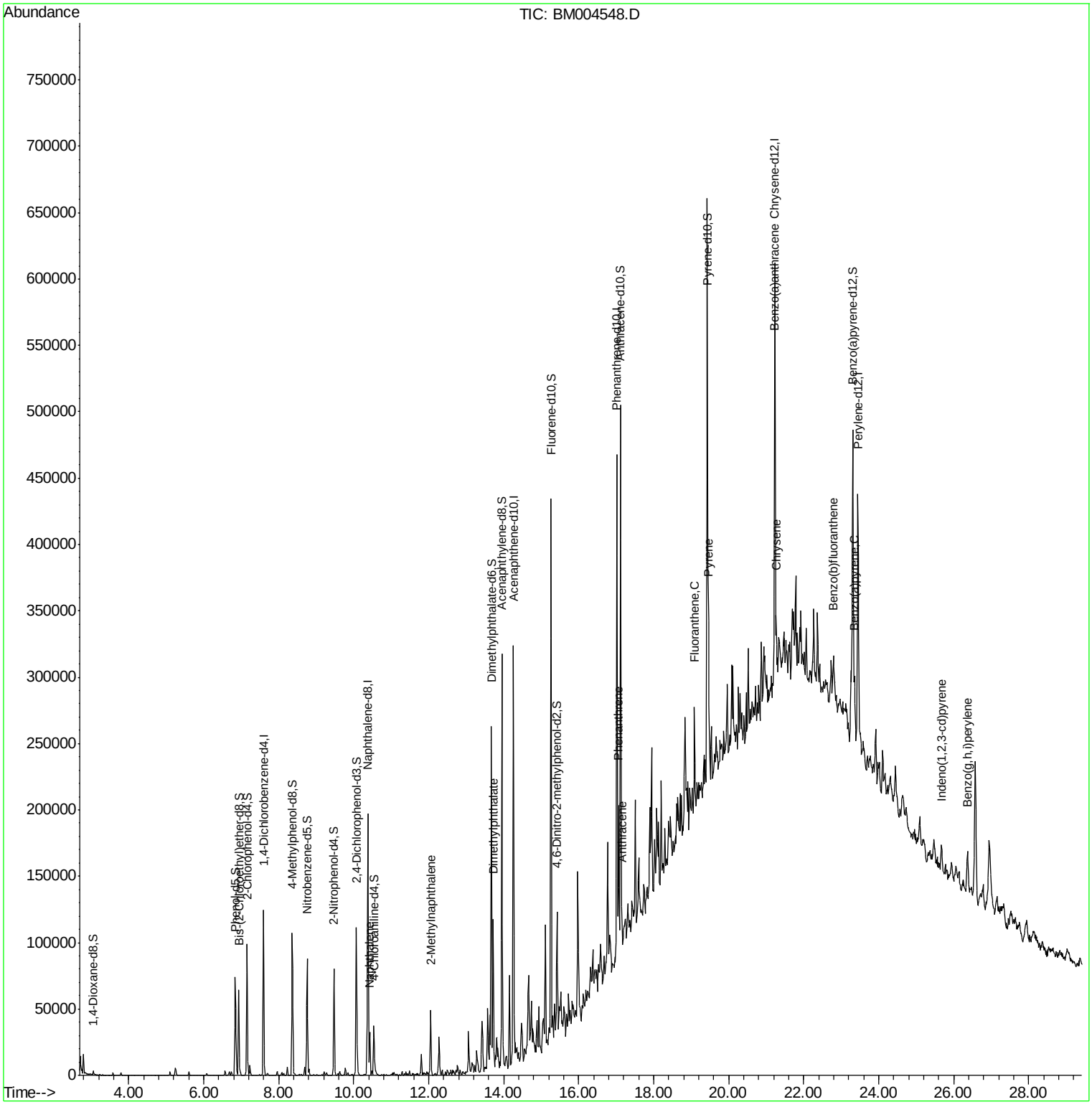
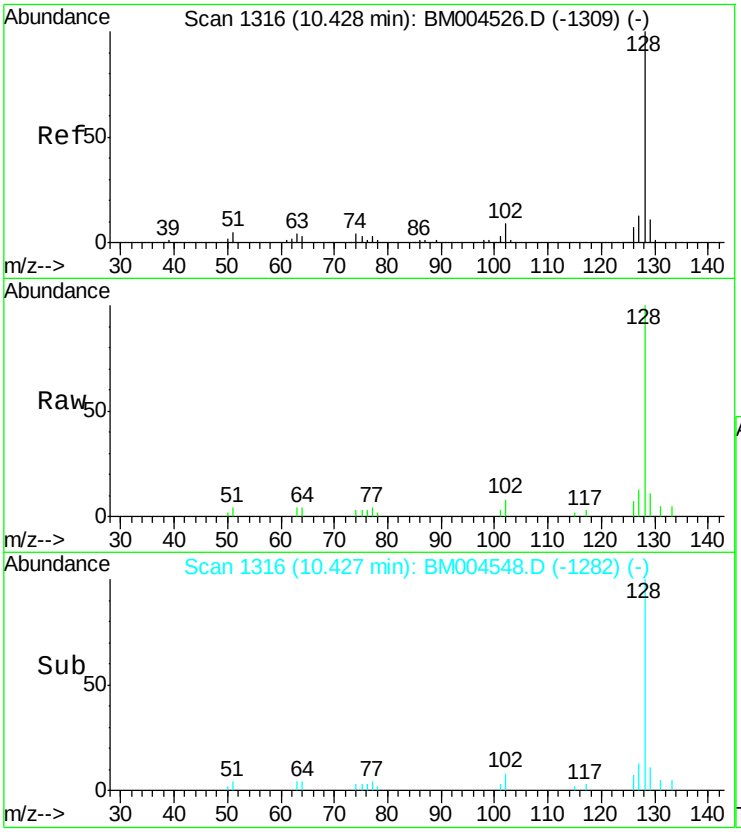
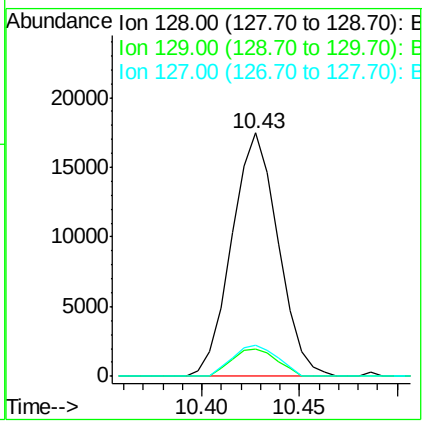




#28
Naphthalene
Concen: 2.92 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:128 Resp: 28780

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.8	10.5	15.7



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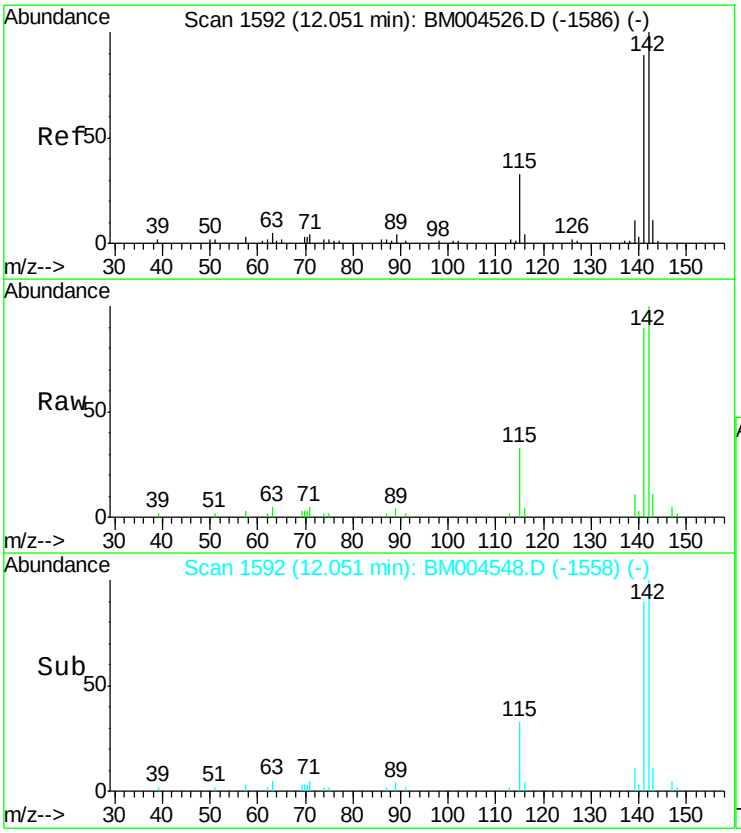
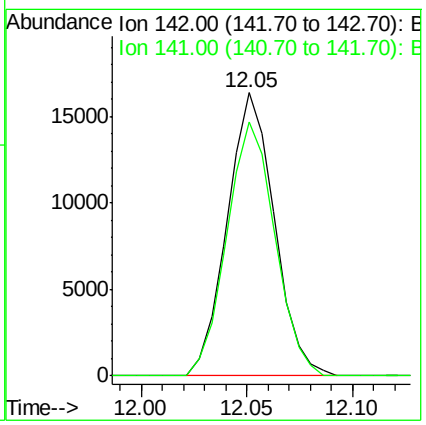
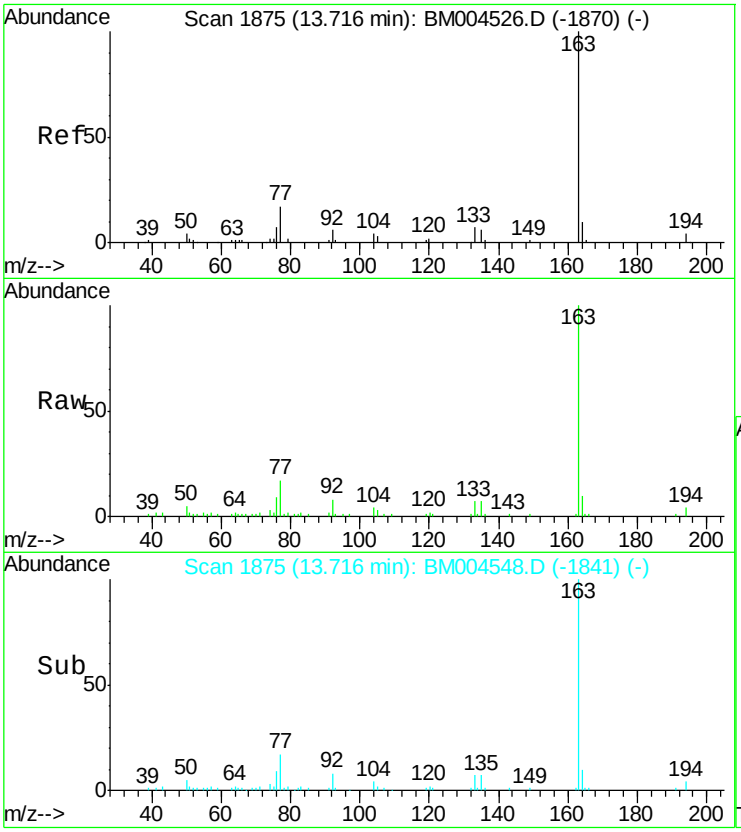


#34
2-Methylnaphthalene
Concen: 3.43 ng/ul
RT: 12.05 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:142 Resp: 25349

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.6	107.4

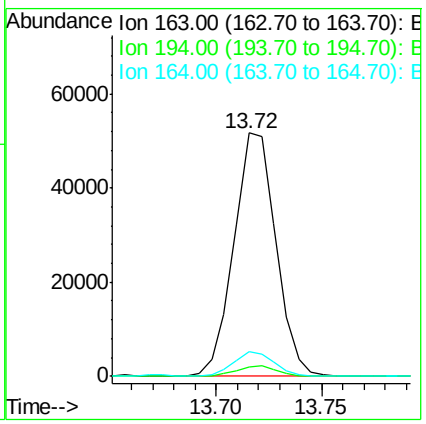




#45
Dimethylphthalate
Concen: 7.66 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:163 Resp: 71291

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

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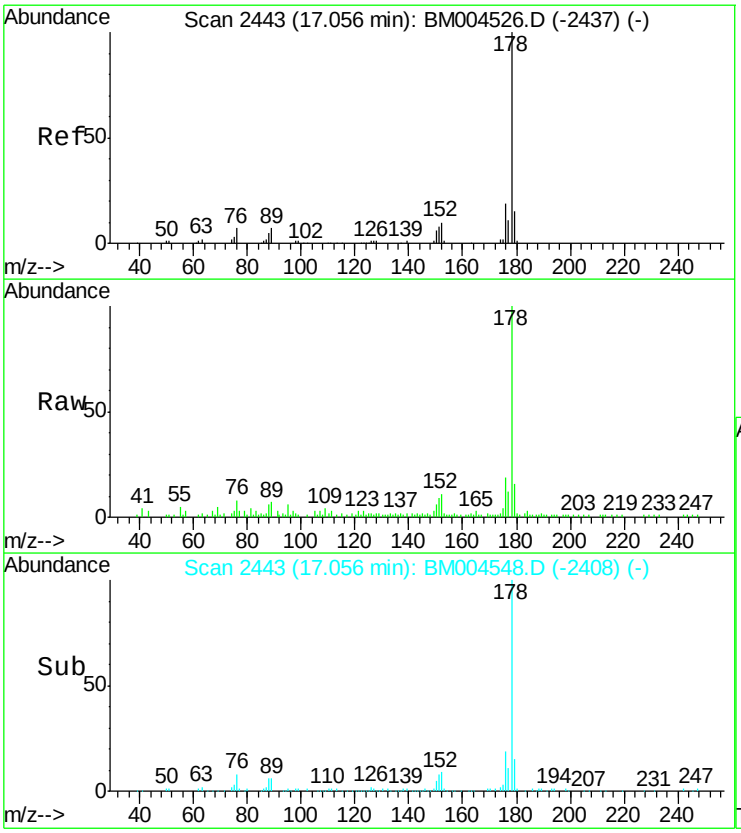
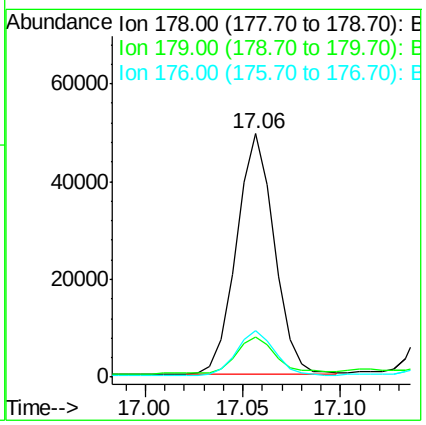
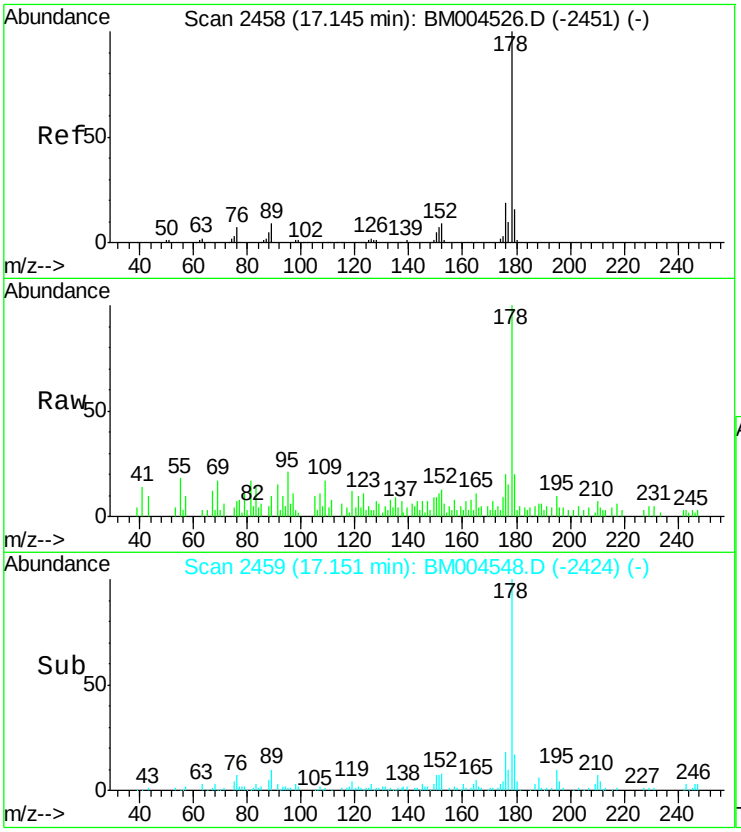


#70
Phenanthrene
Concen: 5.08 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:178 Resp: 65818

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.4
176	19.1	15.6	23.4

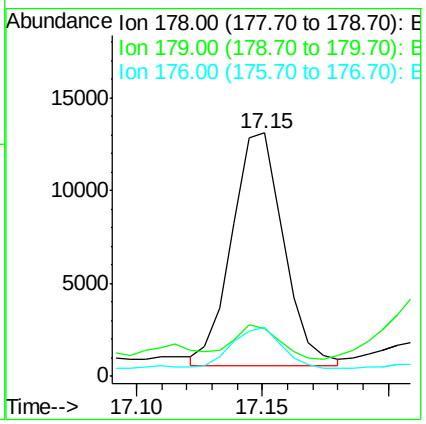




#72
Anthracene
Concen: 1.37 ng/ul m
RT: 17.15 min Scan# 2459
Delta R.T. 0.01 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:178 Resp: 17975

Ion	Ratio	Lower	Upper
178	100		
179	19.7	12.1	18.1#
176	20.2	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
P009-SS002-01

Manual Integrations APPROVED
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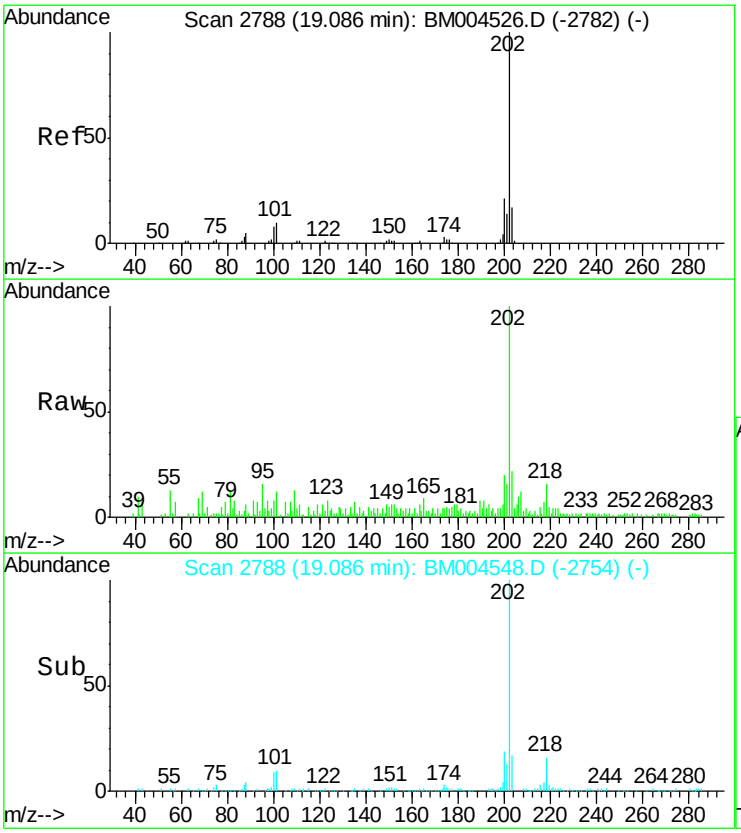
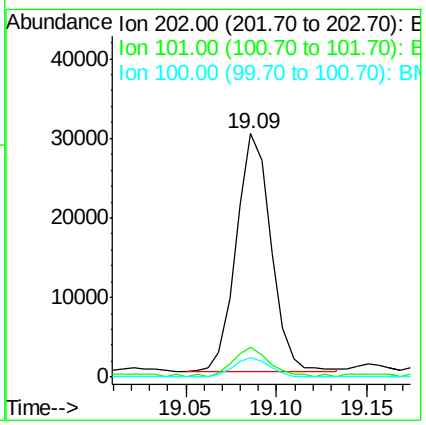
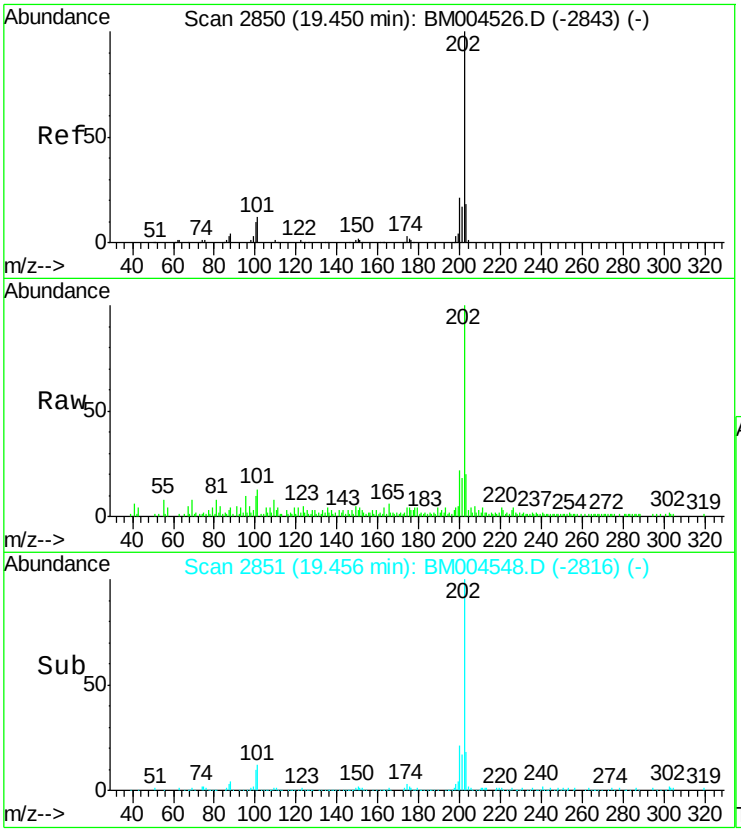


#77
Fluoranthene
Concen: 2.83 ng/ul
RT: 19.09 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:202 Resp: 39558

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.8	13.2
100	8.2	6.6	9.8

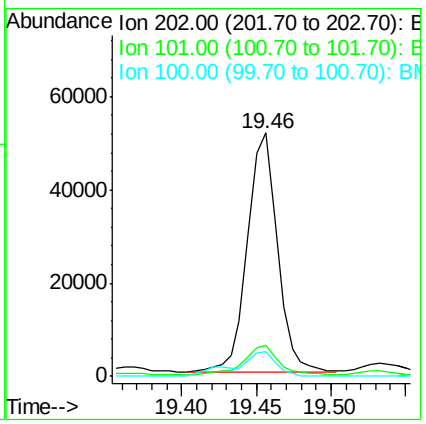




#80
Pyrene
Concen: 6.53 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. 0.01 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:202 Resp: 71490

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.0	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
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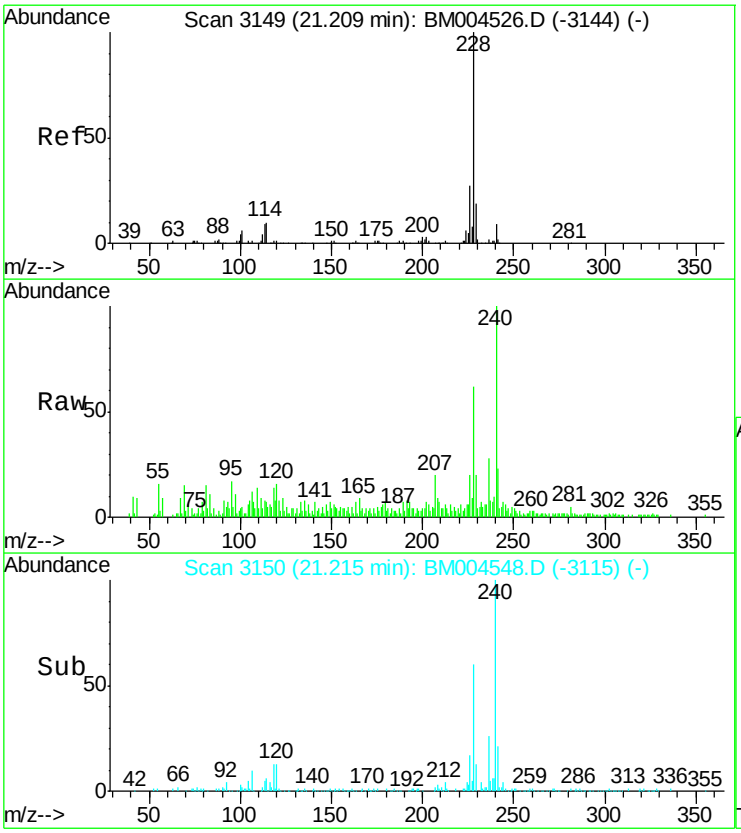
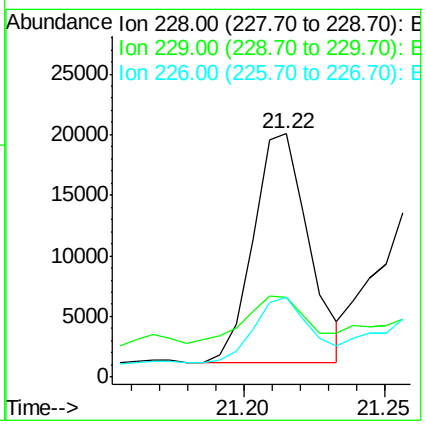
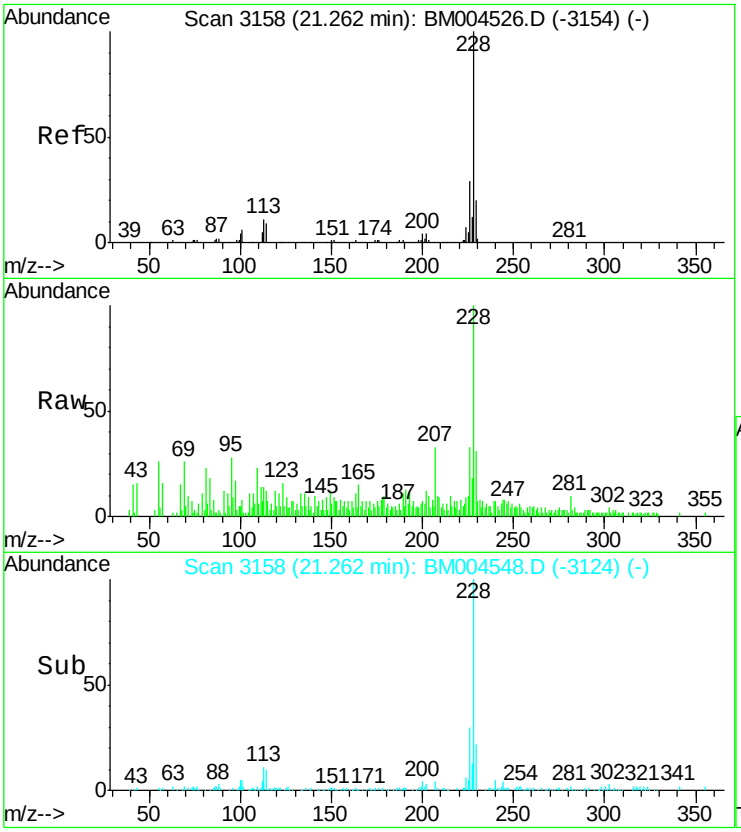


#83
Benzo(a)anthracene
Concen: 2.62 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:228 Resp: 25575

Ion	Ratio	Lower	Upper
228	100		
229	32.8	15.7	23.5#
226	32.7	21.8	32.6#





#85
Chrysene
Concen: 3.43 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:228 Resp: 32068

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.0	36.0
229	30.7	15.6	23.4#

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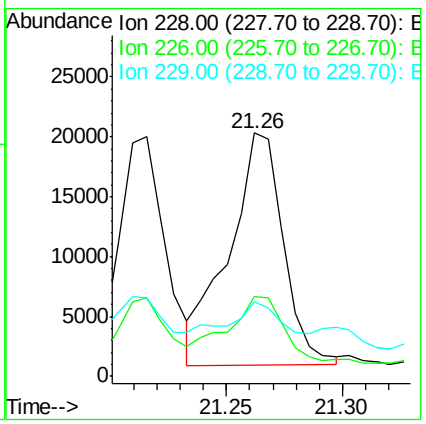
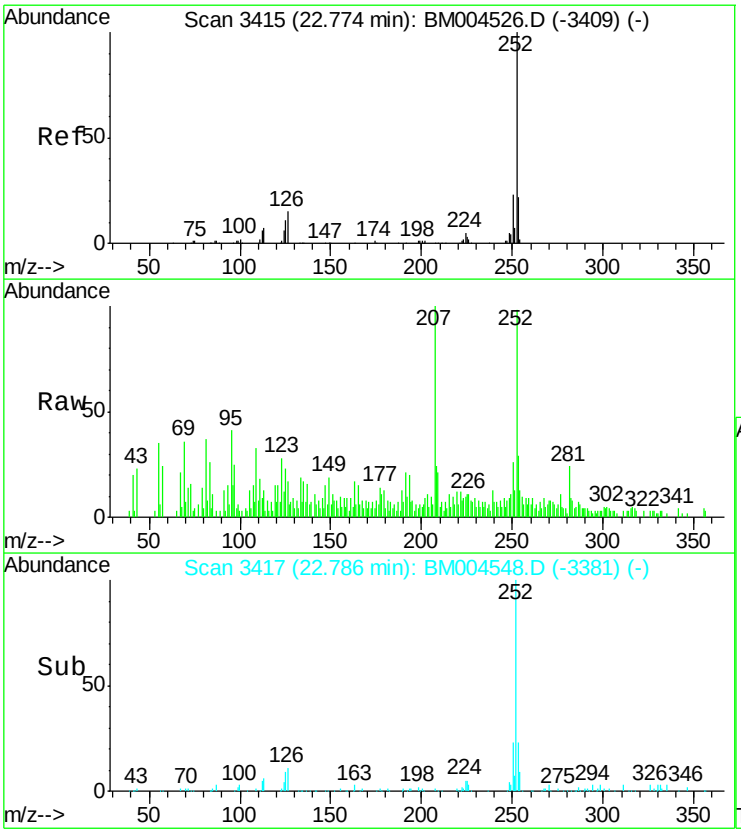
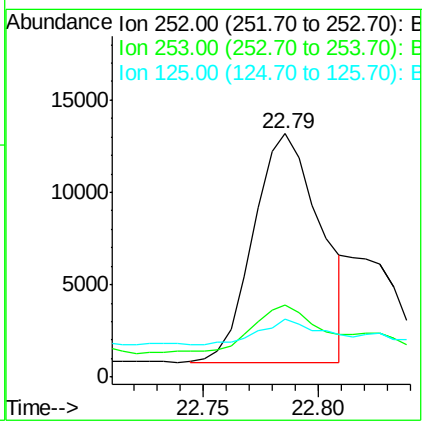


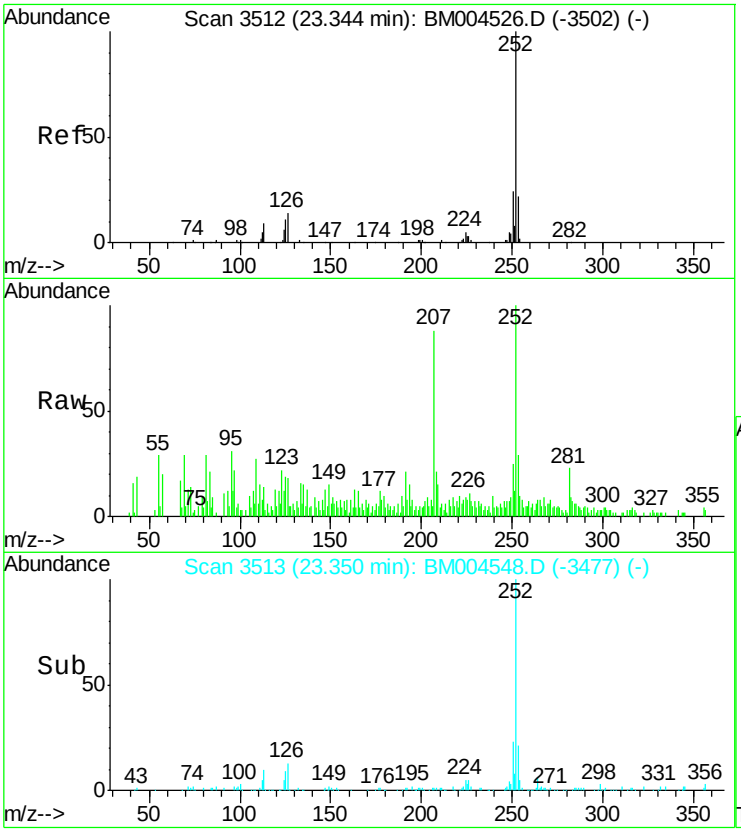


#88
Benzo(b)fluoranthene
Concen: 2.66 ng/ul m
RT: 22.79 min Scan# 3417
Delta R.T. 0.01 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:252 Resp: 25364

Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.5	26.3#
125	23.7	8.5	12.7#





#91
Benzo(a)pyrene
Concen: 3.00 ng/ul
RT: 23.35 min Scan# 3513
Delta R.T. 0.01 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:252 Resp: 27076

Ion	Ratio	Lower	Upper
252	100		
253	29.3	17.2	25.8#
125	18.7	9.0	13.6#

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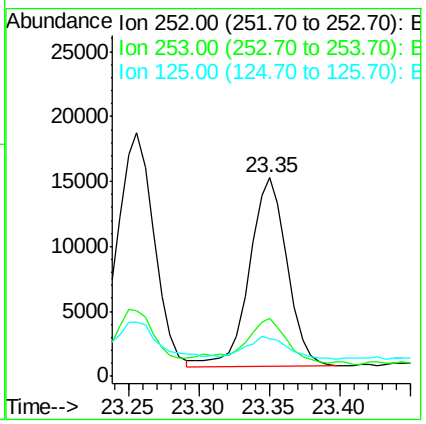
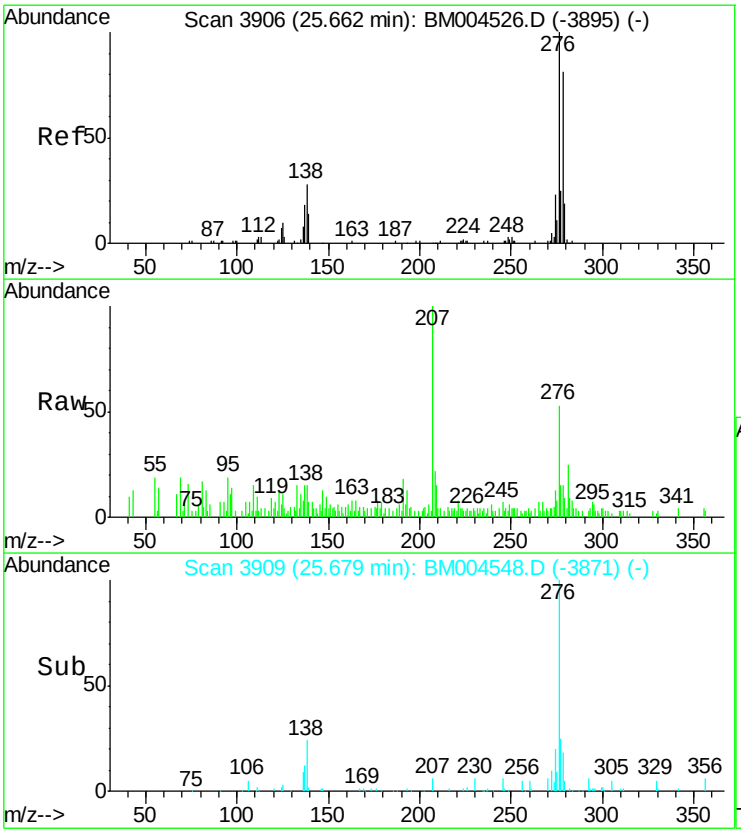
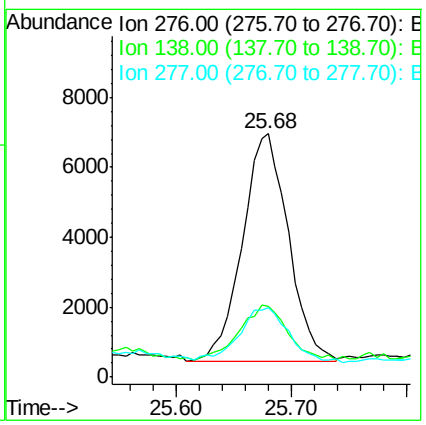


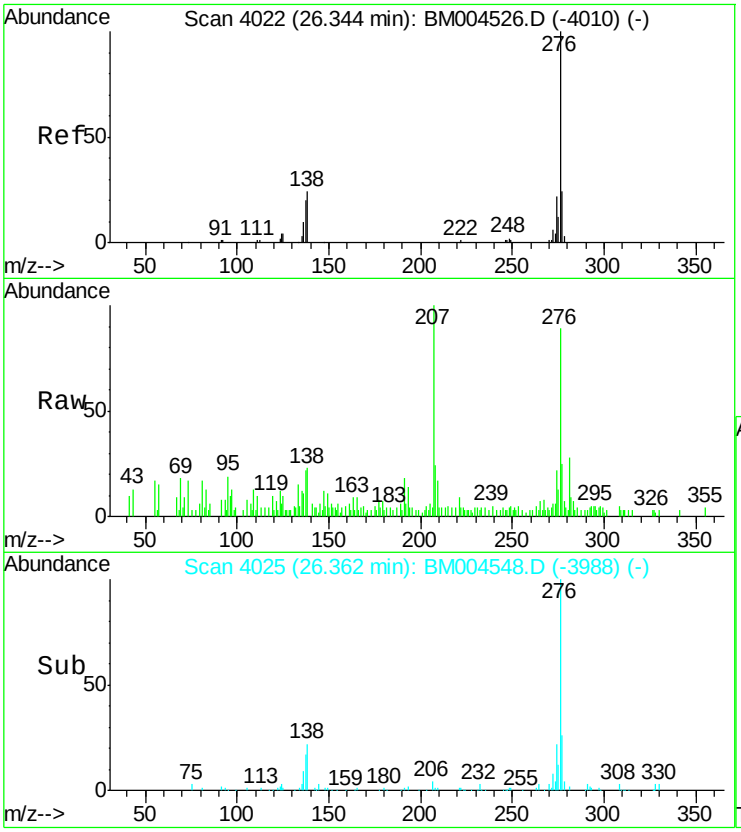


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.99 ng/ul
RT: 25.68 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:276 Resp: 17900

Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.3	33.5
277	28.7	20.2	30.2

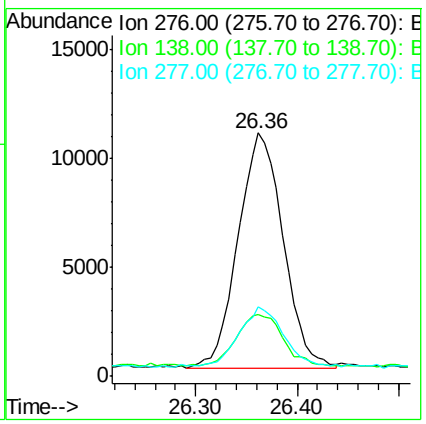




#94
Benzo(g,h,i)perylene
Concen: 4.39 ng/ul
RT: 26.36 min Scan# 4025
Delta R.T. 0.02 min
Lab File: BM004548.D
Acq: 04 Mar 2016 01:01

Tgt Ion:276 Resp: 33193

Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.9	28.3
277	28.4	19.2	28.8



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