Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
Data File : BM012811.D
Acq On : 08 Nov 2017 00:27
Operator : SJ/JU
Sample : I6164-04 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 08 01:57:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	170833	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	701669	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	405659	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	837609	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	773387	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	846474	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2074	0.66	ng/uL	0.00
5) Phenol-d5	6.97	99	44766	3.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	25551	3.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	39248	3.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	32690	2.98	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	18662	3.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	22342	3.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	41579	3.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	21952	1.87	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	135872	4.05	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	158184	3.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	11188	2.08	ng/ul	0.00
57) Fluorene-d10	15.43	176	115426	4.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	7140	1.29	ng/ul	0.00
70) Anthracene-d10	17.28	188	167490	4.14	ng/ul	0.00
78) Pyrene-d10	19.57	212	157009	4.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	168839	4.22	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.89	163	72908	2.19	ng/ul	99
69) Phenanthrene	17.22	178	366091	8.00	ng/ul	98
71) Anthracene	17.32	178	86667	1.83	ng/ul	99
76) Fluoranthene	19.24	202	853409	15.51	ng/ul#	94
79) Pyrene	19.60	202	659766	14.30	ng/ul#	92
82) Benzo(a)anthracene	21.35	228	351927	7.52	ng/ul	99
84) Chrysene	21.40	228	366144	8.63	ng/ul	98
87) Benzo(b)fluoranthene	22.96	252	565291	10.93	ng/ul#	97
88) Benzo(k)fluoranthene	22.96	252	565291	11.50	ng/ul#	97
90) Benzo(a)pyrene	23.44	252	261610	5.31	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.95	276	304673	5.14	ng/ul#	87
92) Dibenzo(a,h)anthracene	25.95	278	72765	1.45	ng/ul#	81
93) Benzo(g,h,i)perylene	26.66	276	269674	5.52	ng/ul#	90

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

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Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 01:57:49 2017
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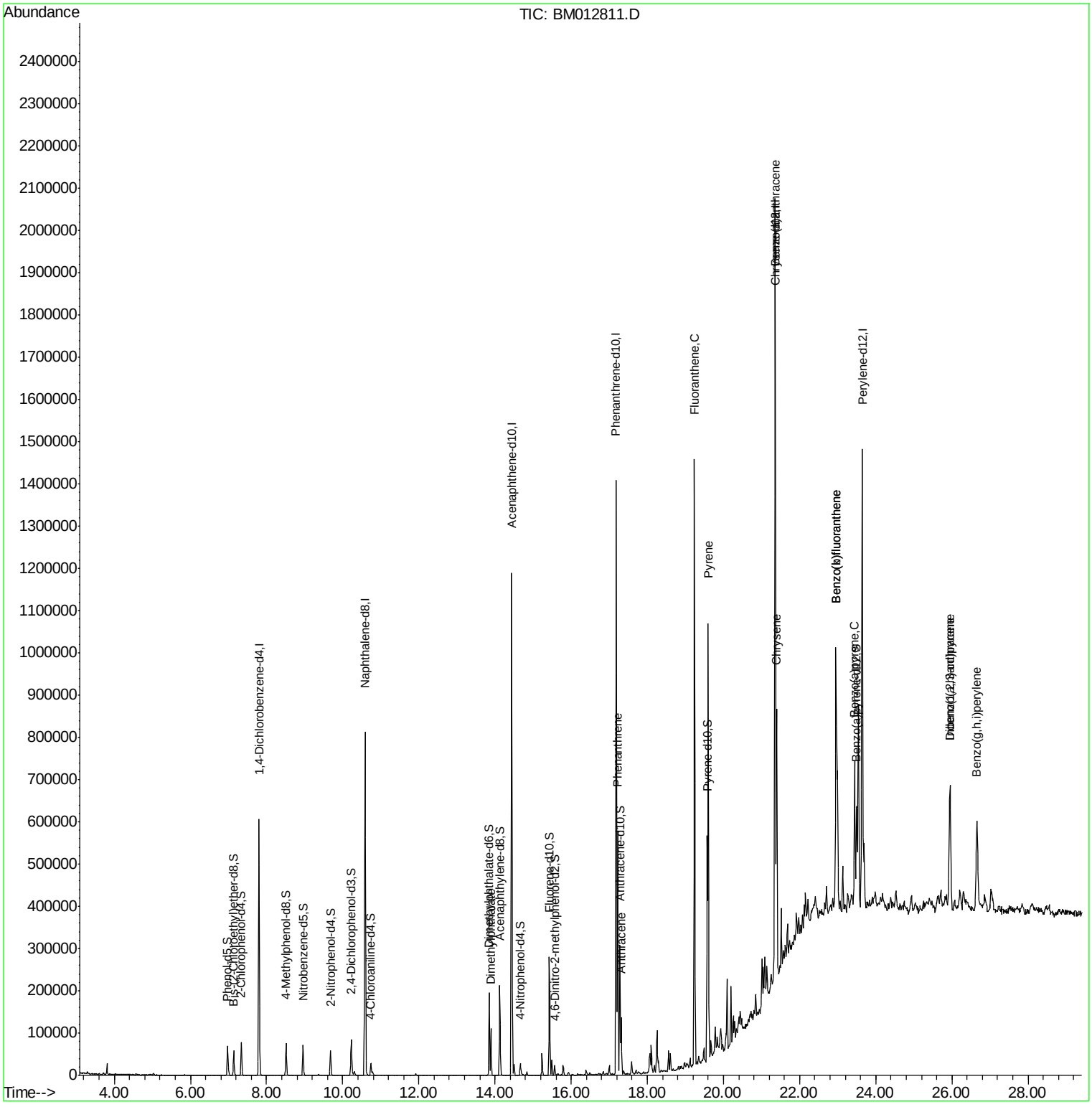
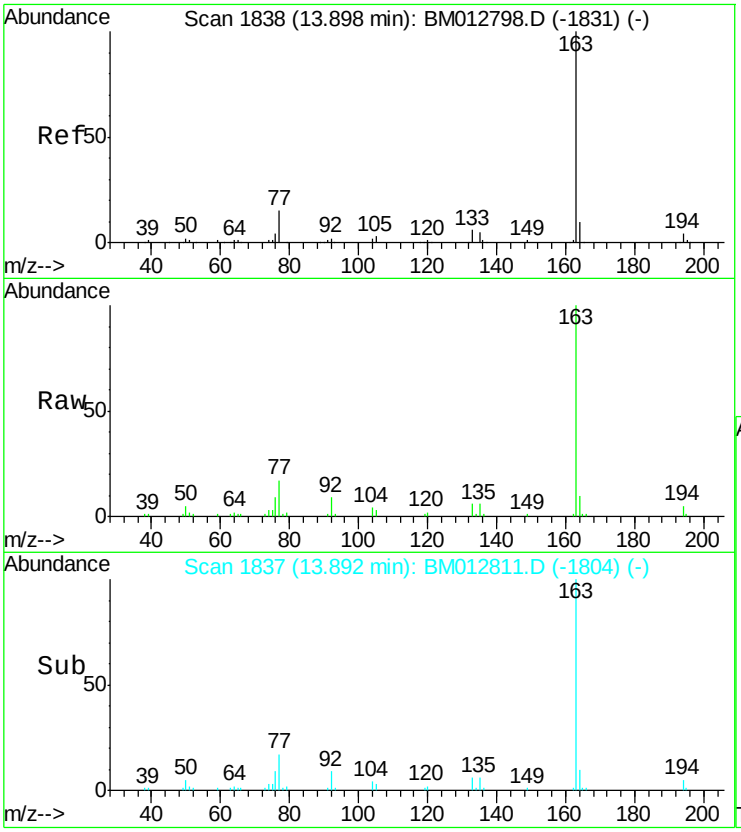
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration



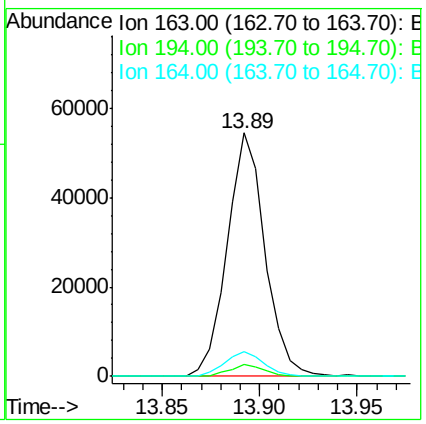


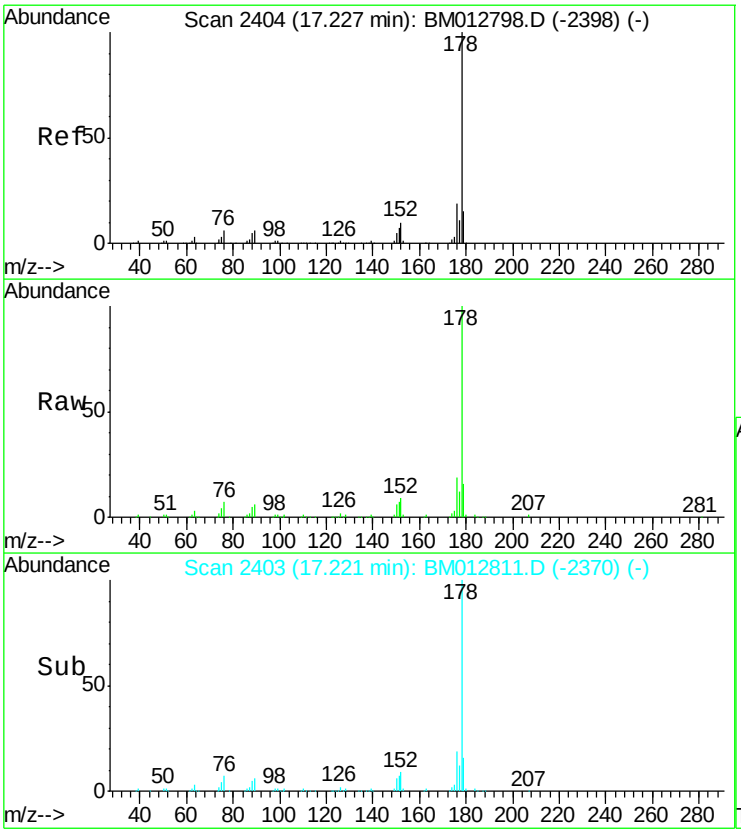
#44
Dimethylphthalate
Concen: 2.19 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 72908

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	10.2	7.8	11.8

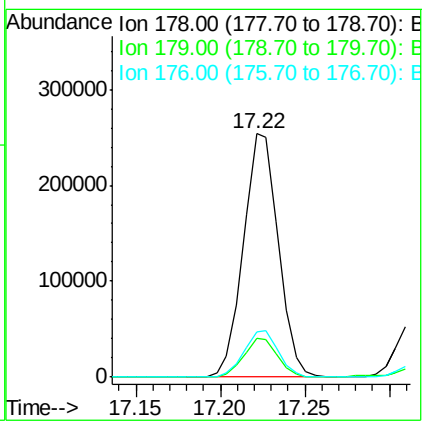


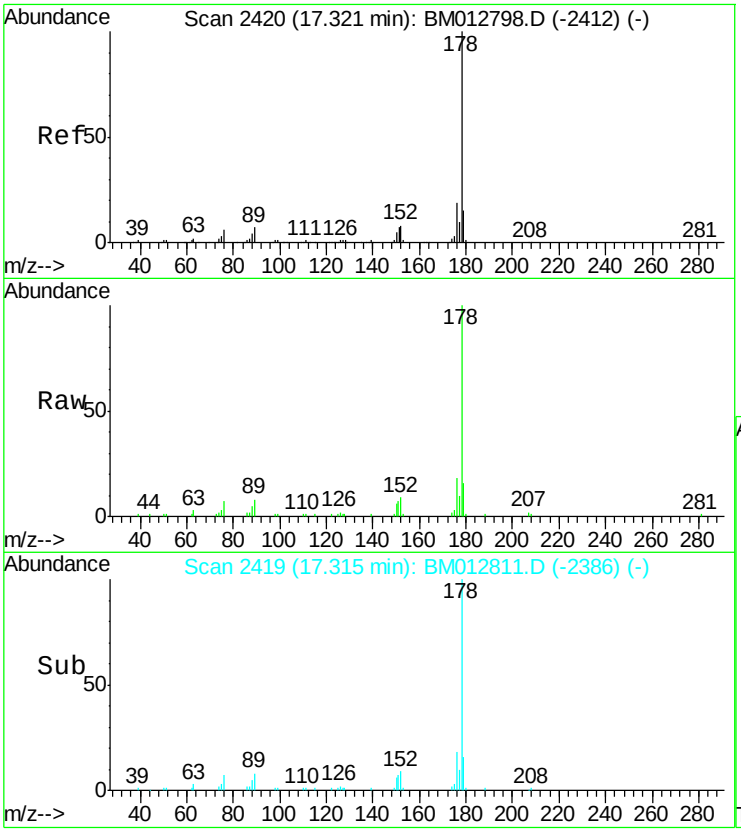


#69
Phenanthrene
Concen: 8.00 ng/ul
RT: 17.22 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Tgt Ion:178 Resp: 366091

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	18.6	15.6	23.4



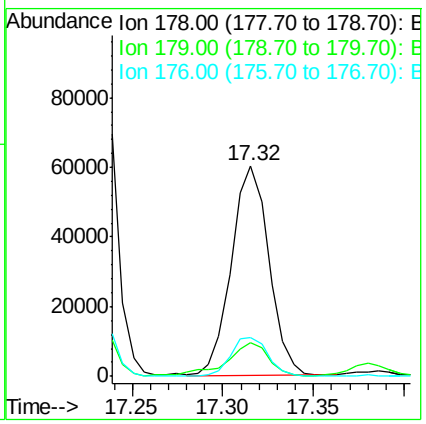


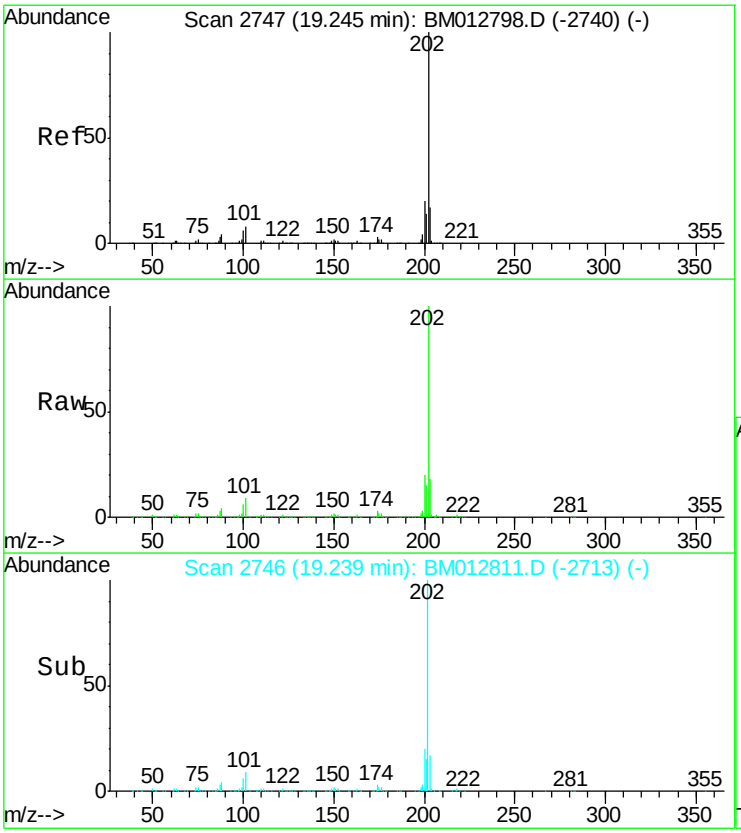
#71
Anthracene
Concen: 1.83 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 86667

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	18.4	14.8	22.2

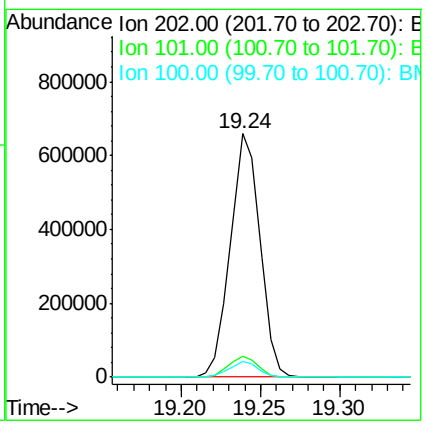


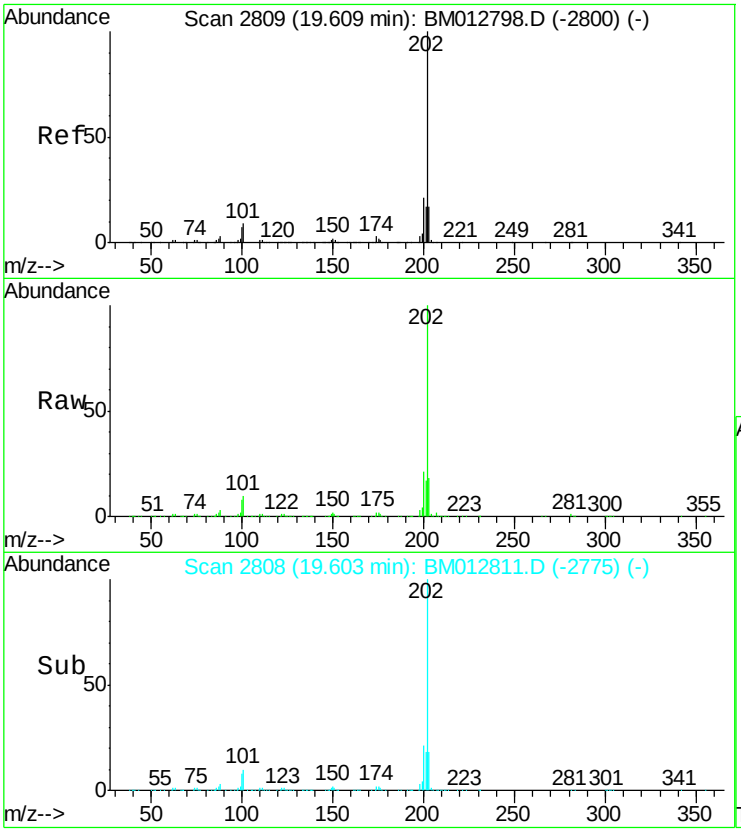


#76
Fluoranthene
Concen: 15.51 ng/ul
RT: 19.24 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Tgt Ion:202 Resp: 853409

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.8	13.2#
100	6.4	6.6	9.8#



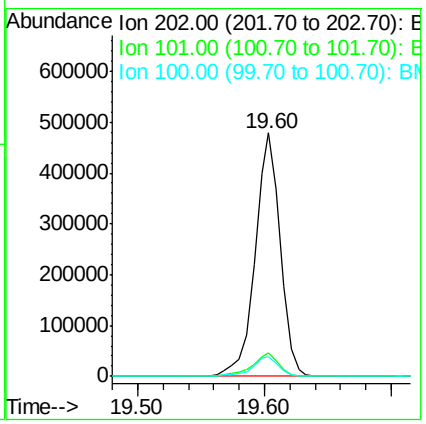


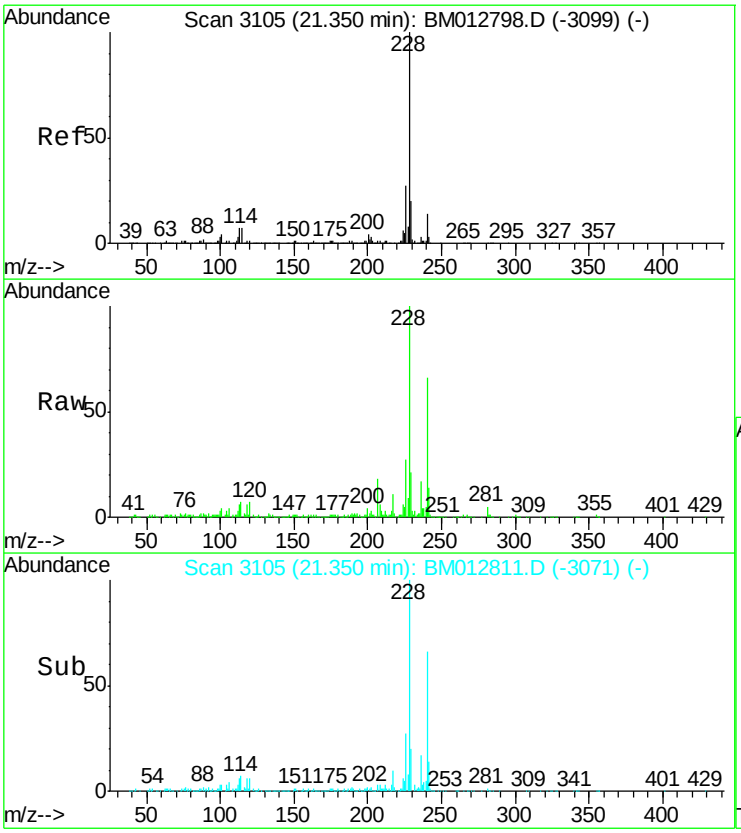
#79
Pyrene
Concen: 14.30 ng/ul
RT: 19.60 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 659766

Ion	Ratio	Lower	Upper
202	100		
101	9.6	10.2	15.2#
100	7.8	8.5	12.7#

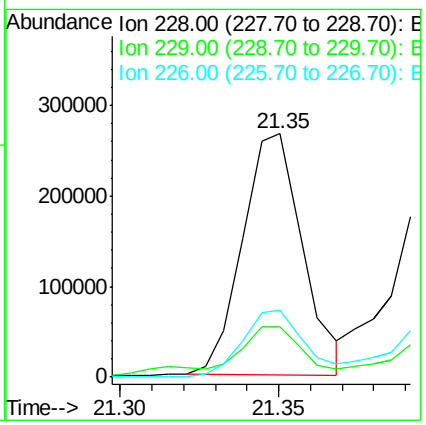


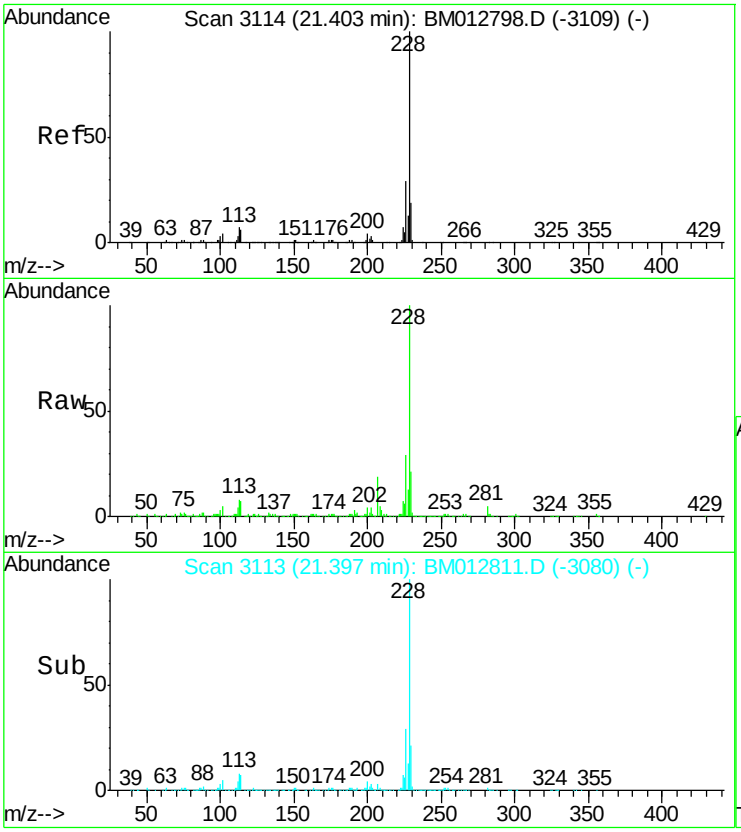


#82
Benzo(a)anthracene
Concen: 7.52 ng/ul
RT: 21.35 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Tgt Ion:228 Resp: 351927

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.3	21.8	32.6



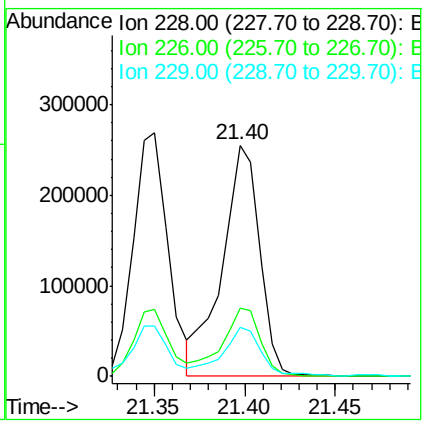


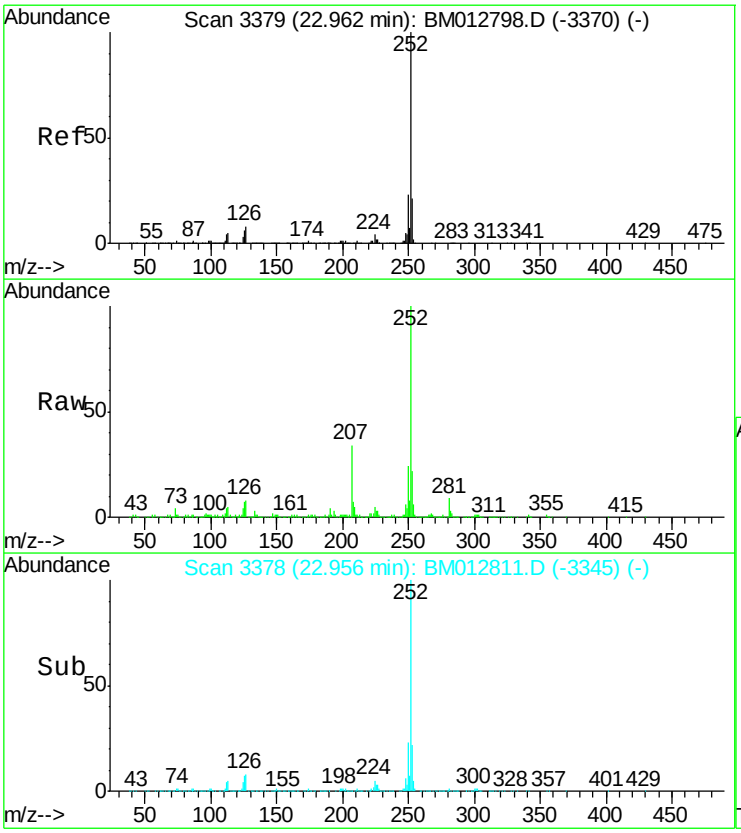
#84
Chrysene
Concen: 8.63 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 366144

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.1	15.6	23.4

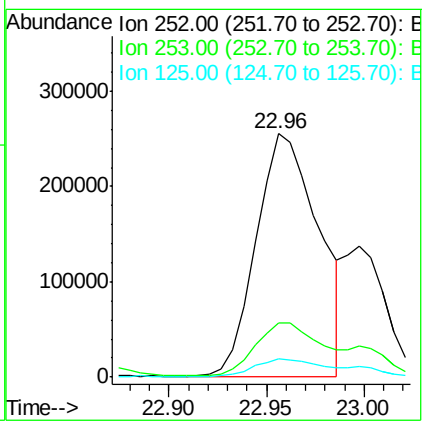


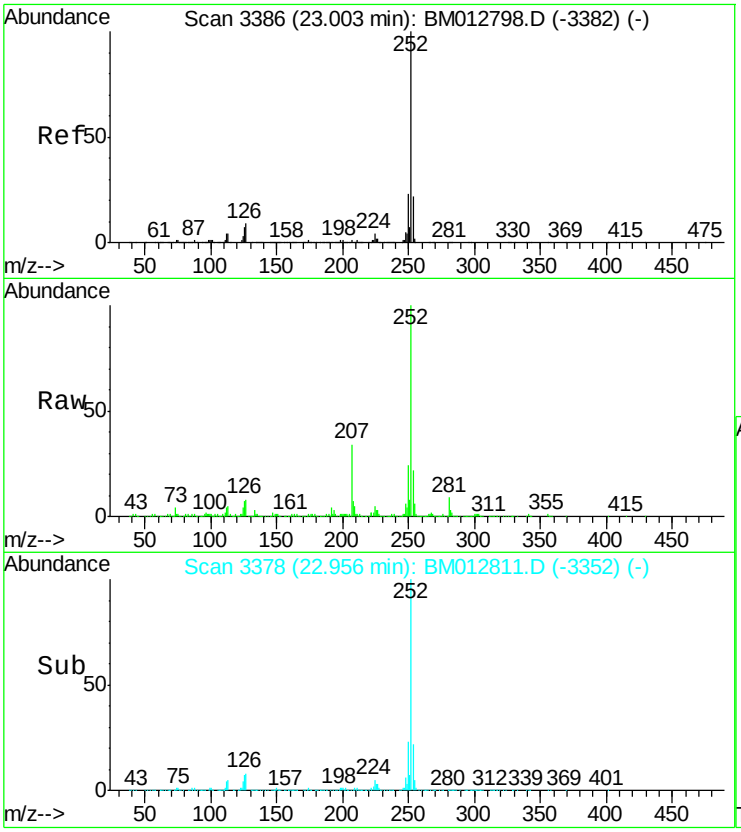


#87
Benzo(b)fluoranthene
Concen: 10.93 ng/ul
RT: 22.96 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Tgt Ion:252 Resp: 565291

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.4	8.5	12.7#



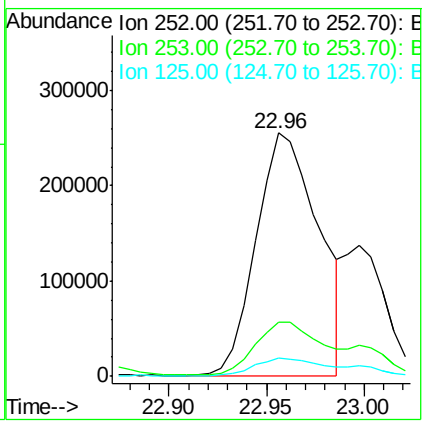


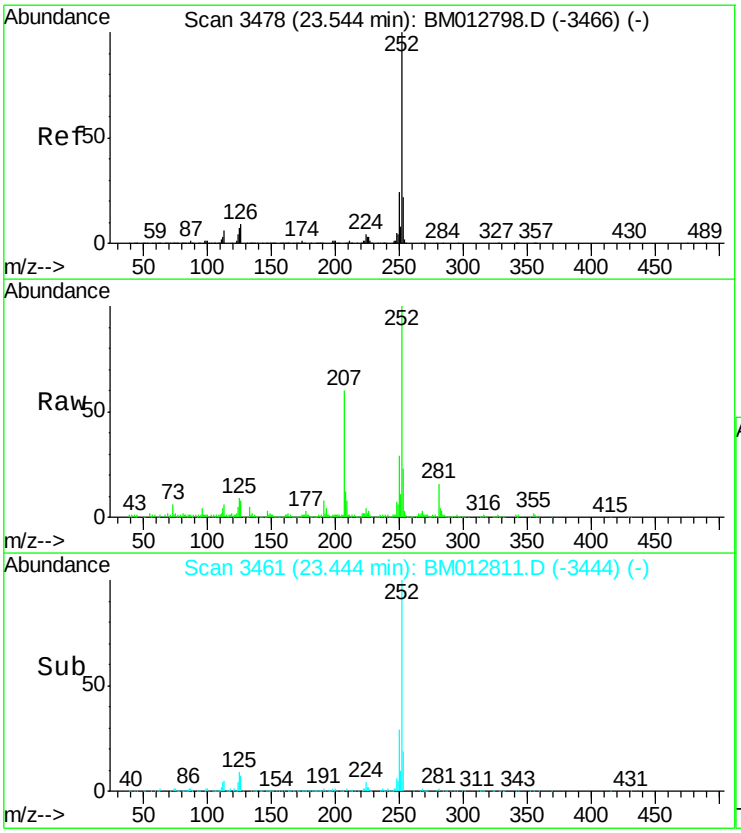
#88
Benzo(k)fluoranthene
Concen: 11.50 ng/ul
RT: 22.96 min Scan# 3378
Delta R.T. -0.05 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 565291

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	7.4	8.2	12.2#

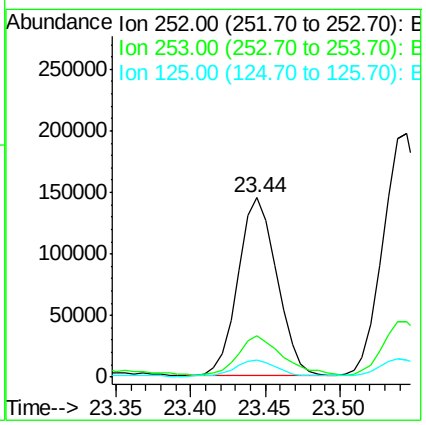


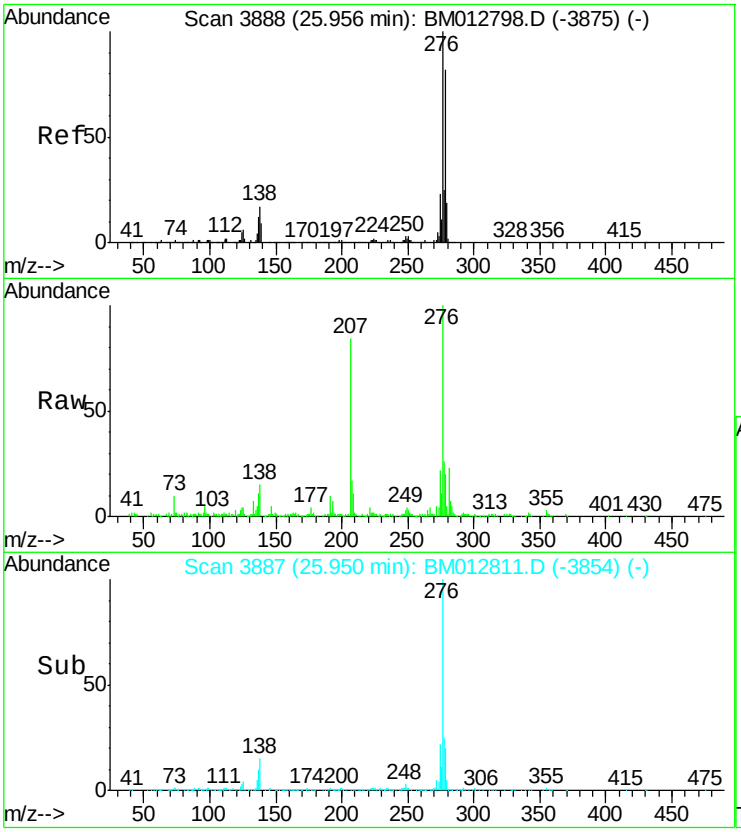


#90
Benzo(a)pyrene
Concen: 5.31 ng/ul
RT: 23.44 min Scan# 3461
Delta R.T. -0.10 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Tgt Ion:252 Resp: 261610

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.2	9.0	13.6



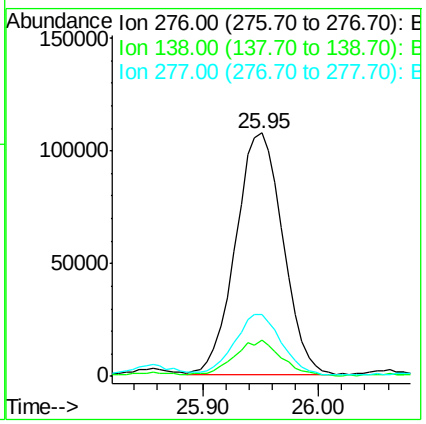


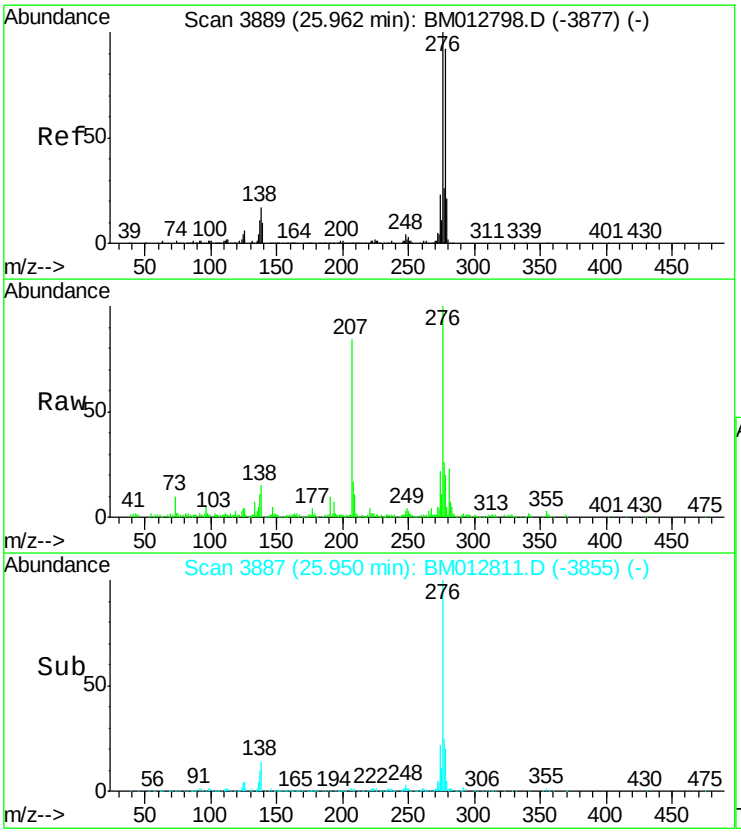
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.14 ng/ul
RT: 25.95 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 304673

Ion	Ratio	Lower	Upper
276	100		
138	14.9	22.3	33.5#
277	25.5	20.2	30.2

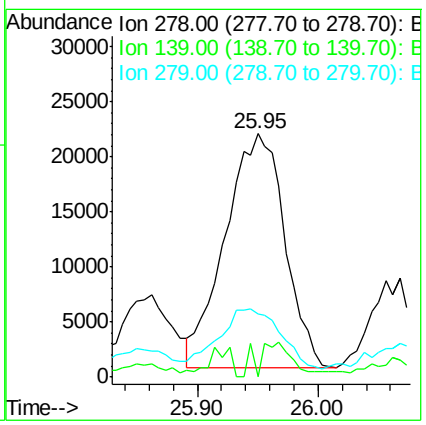


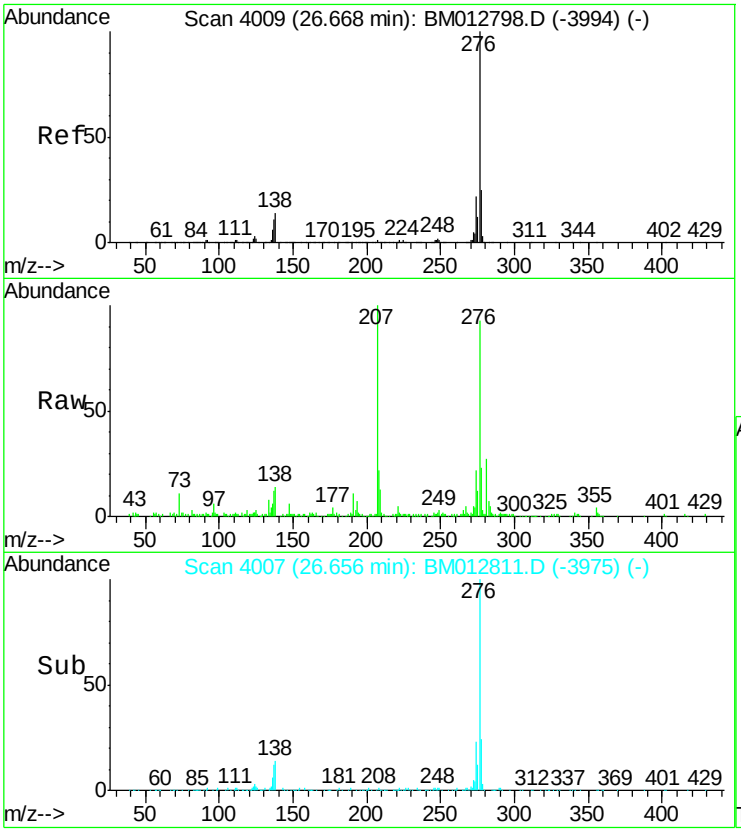


#92
Dibenzo(a,h)anthracene
Concen: 1.45 ng/ul
RT: 25.95 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Tgt Ion:278 Resp: 72765

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	25.8	19.0	28.4





#93
Benzo(g,h,i)perylene
Concen: 5.52 ng/ul
RT: 26.66 min Scan# 4007
Delta R.T. -0.01 min
Lab File: BM012811.D
Acq: 08 Nov 2017 00:27

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 269674

Ion	Ratio	Lower	Upper
276	100		
138	14.6	18.9	28.3#
277	24.4	19.2	28.8