Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011932.D
Acq On : 05 Oct 2017 18:56
Operator : SJ/JU
Sample : I5449-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 06 04:50:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	255878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1006671	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	541956	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1161346	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1305586	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1428581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	28865	5.34	ng/uL	0.00
5) Phenol-d5	7.02	99	549281	24.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	343954	26.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	500576	28.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	439490	23.09	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	222780	31.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	255197	31.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	453699	27.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	158808	8.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1327591	28.26	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1642544	29.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	135763	16.54	ng/ul	0.00
57) Fluorene-d10	15.50	176	1127220	27.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	172716	22.10	ng/ul	0.00
70) Anthracene-d10	17.36	188	1704349	29.78	ng/ul	0.00
76) Pyrene-d10	19.64	212	1945830	33.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	1975024	28.74	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	26818	1.231	ng/ul#	93
28) Naphthalene	10.72	128	82558	1.635	ng/ul	98
44) Dimethylphthalate	13.96	163	497079	11.000	ng/ul	99
49) Acenaphthene	14.57	153	98854	2.669	ng/ul	98
53) Dibenzofuran	14.91	168	105679	1.966	ng/ul	99
58) Fluorene	15.56	166	116756	2.601	ng/ul	98
69) Phenanthrene	17.30	178	2346075	36.725	ng/ul	99
71) Anthracene	17.39	178	567083	8.724	ng/ul	99
72) Carbazole	17.66	167	115867	2.058	ng/ul	96
74) Fluoranthene	19.31	202	3248124	41.673	ng/ul#	90
77) Pyrene	19.67	202	3150219	43.516	ng/ul#	89
80) Benzo(a)anthracene	21.42	228	1738881	23.249	ng/ul	98
82) Chrysene	21.46	228	1646692	23.172	ng/ul	97
85) Benzo(b)fluoranthene	23.06	252	2027990	23.355	ng/ul#	92
86) Benzo(k)fluoranthene	23.06	252	2027990	23.393	ng/ul#	90
88) Benzo(a)pyrene	23.66	252	1544760	18.514	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	957922	10.728	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.14	278	245901	3.352	ng/ul#	78
91) Benzo(g,h,i)perylene	26.88	276	877146	11.876	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100517\
Data File : BM011932.D
Acq On : 05 Oct 2017 18:56
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 06 04:50:33 2017
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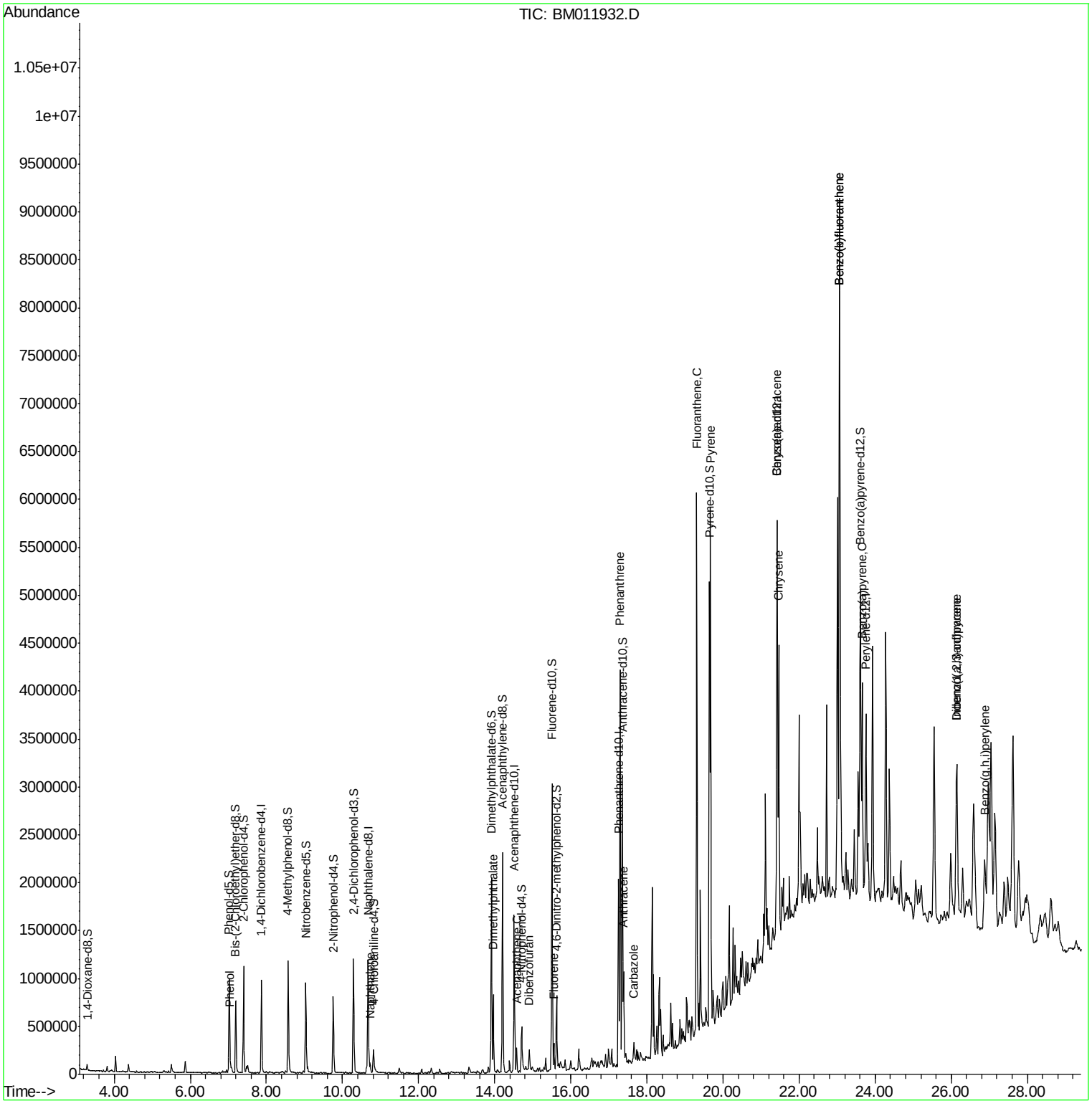
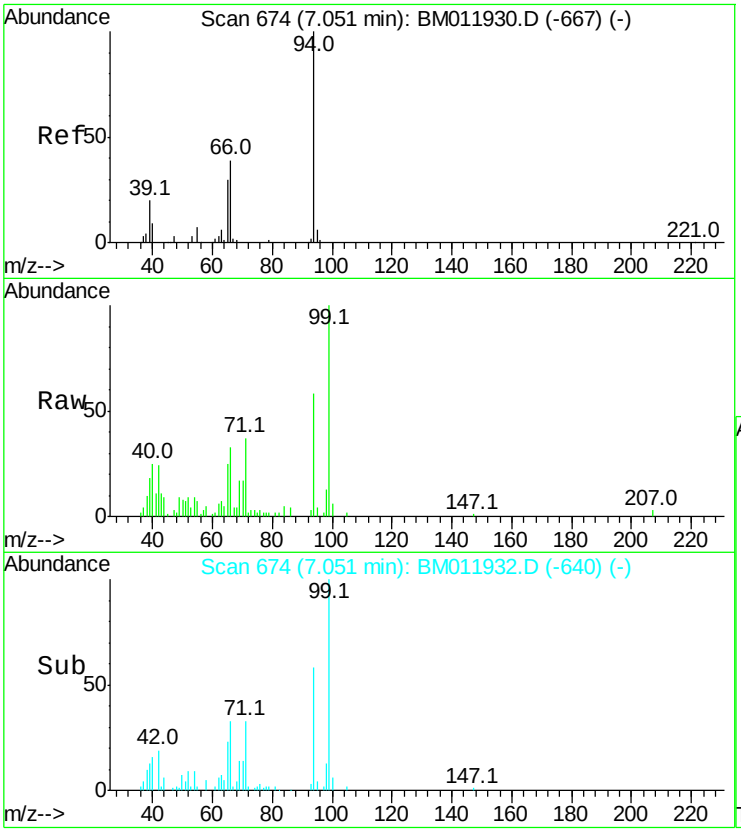
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration



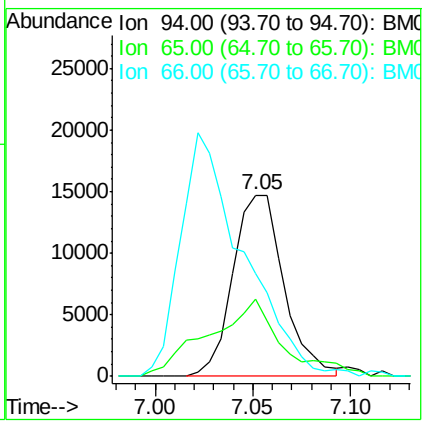


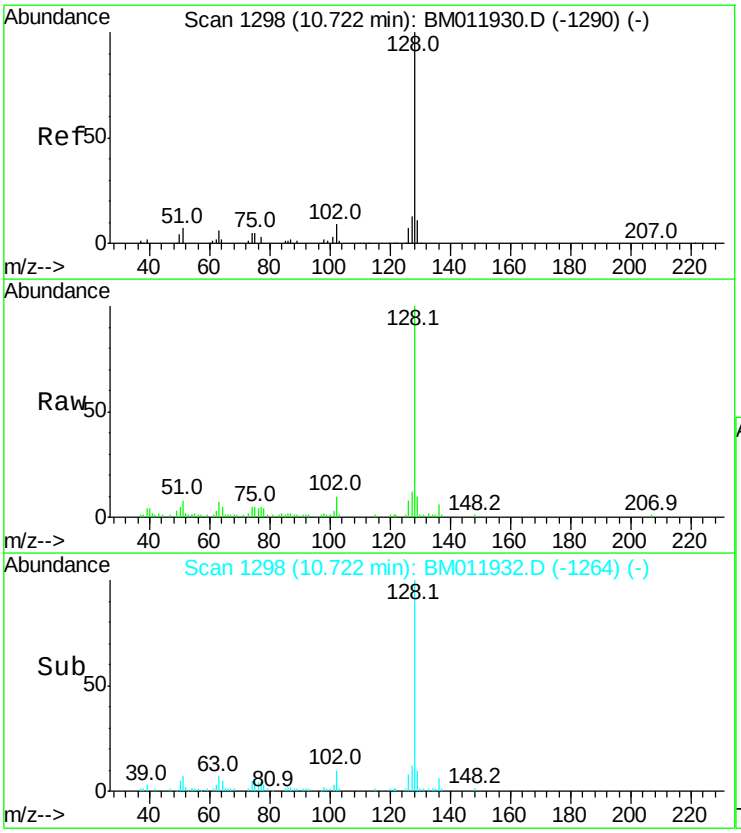
#6
Phenol
Concen: 1.231 ng/ul
RT: 7.05 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 26818

Ion	Ratio	Lower	Upper
94	100		
65	42.6	28.2	42.4#
66	56.7	47.2	70.8

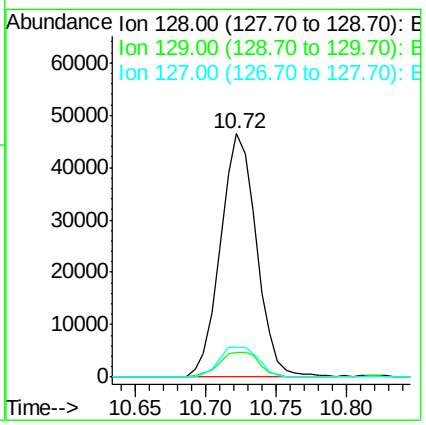


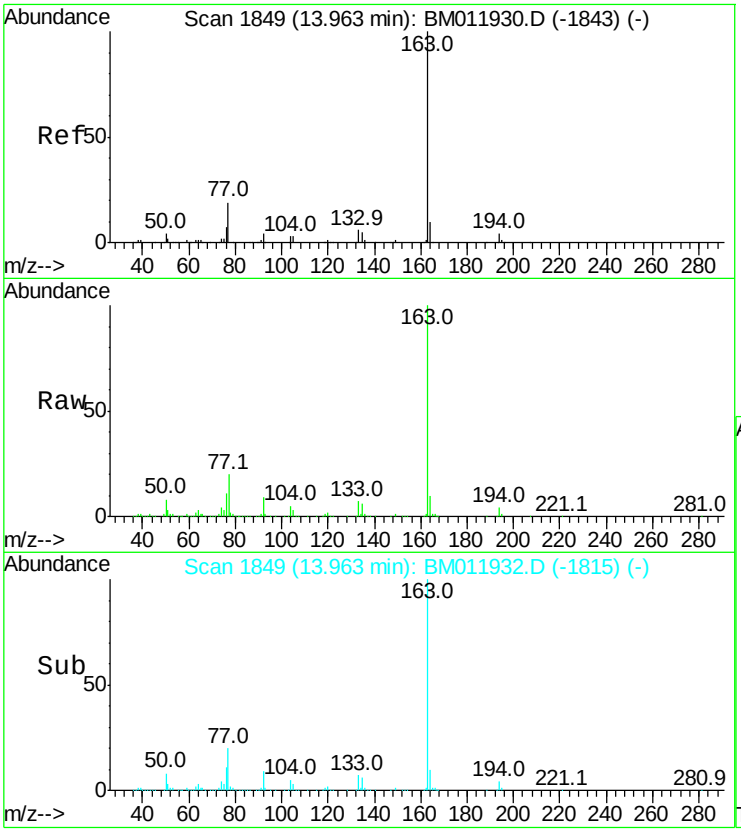


#28
Naphthalene
Concen: 1.635 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:128 Resp: 82558

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.5	10.6	16.0



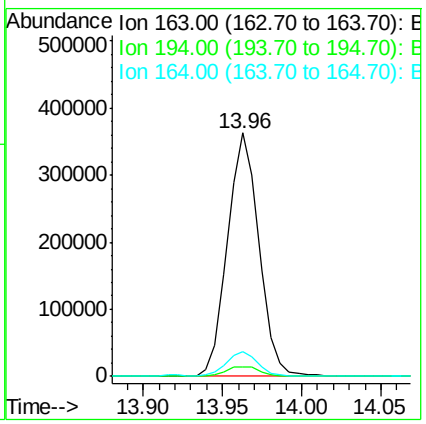


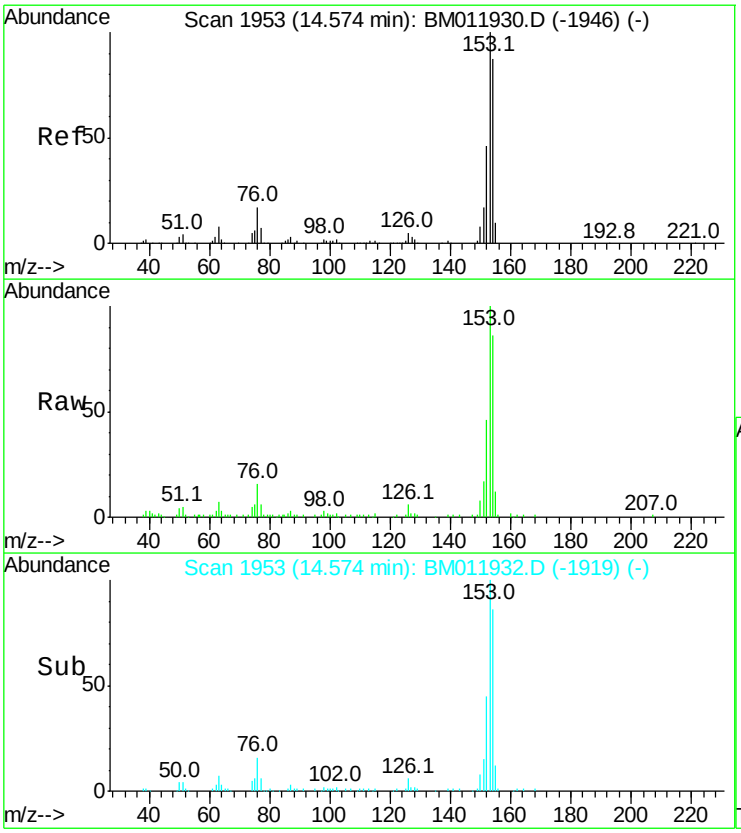
#44
Dimethylphthalate
Concen: 11.000 ng/ul
RT: 13.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 497079

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.0	8.2	12.4

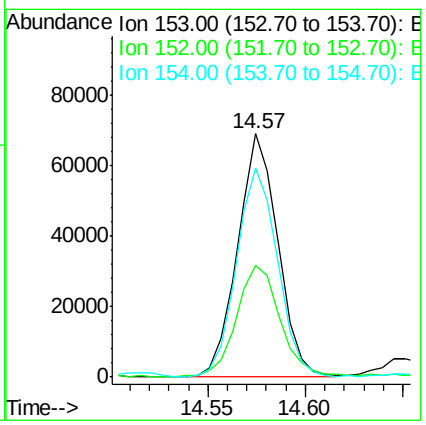


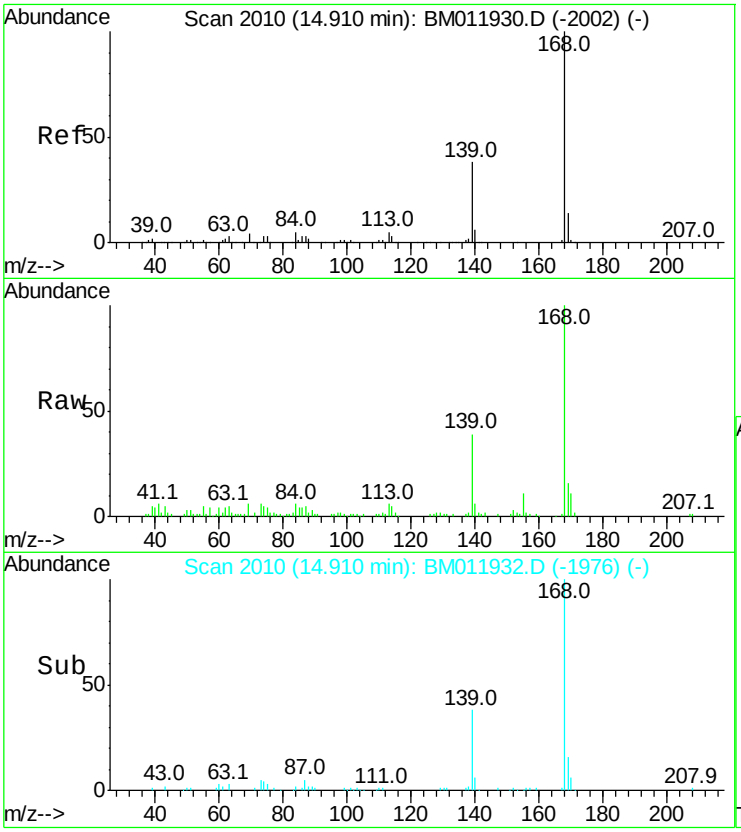


#49
Acenaphthene
Concen: 2.669 ng/ul
RT: 14.57 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:153 Resp: 98854

Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.6	56.4
154	85.7	70.4	105.6



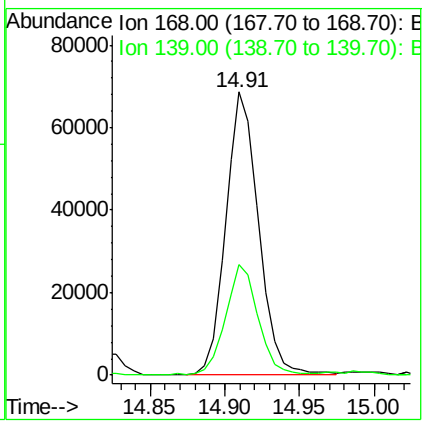


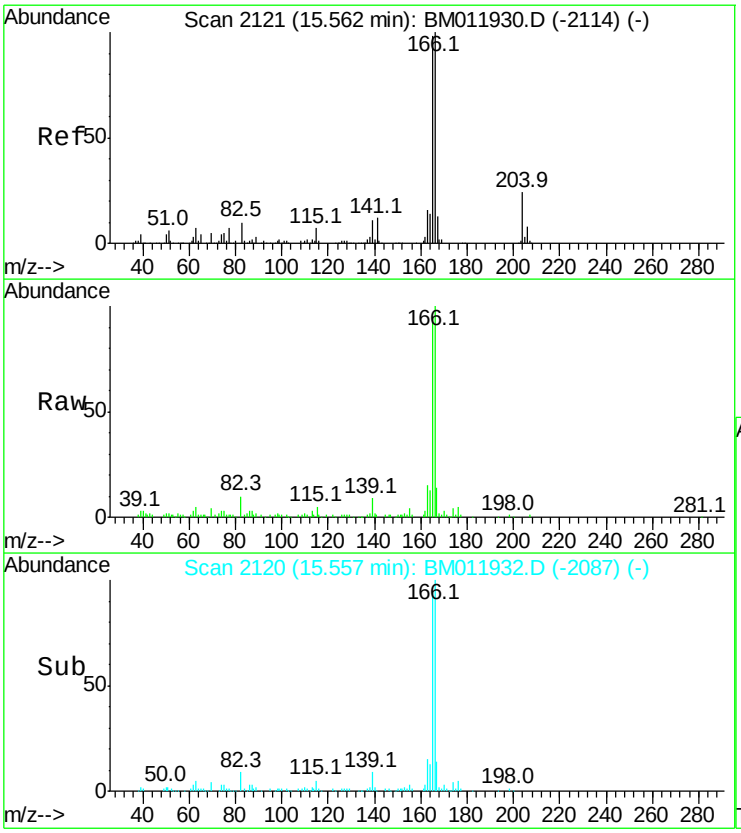
#53
Dibenzofuran
Concen: 1.966 ng/ul
RT: 14.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 105679

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.8	46.2

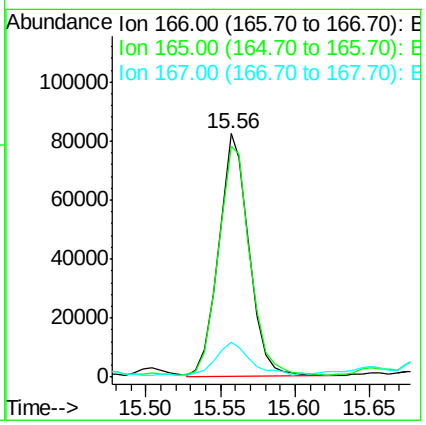


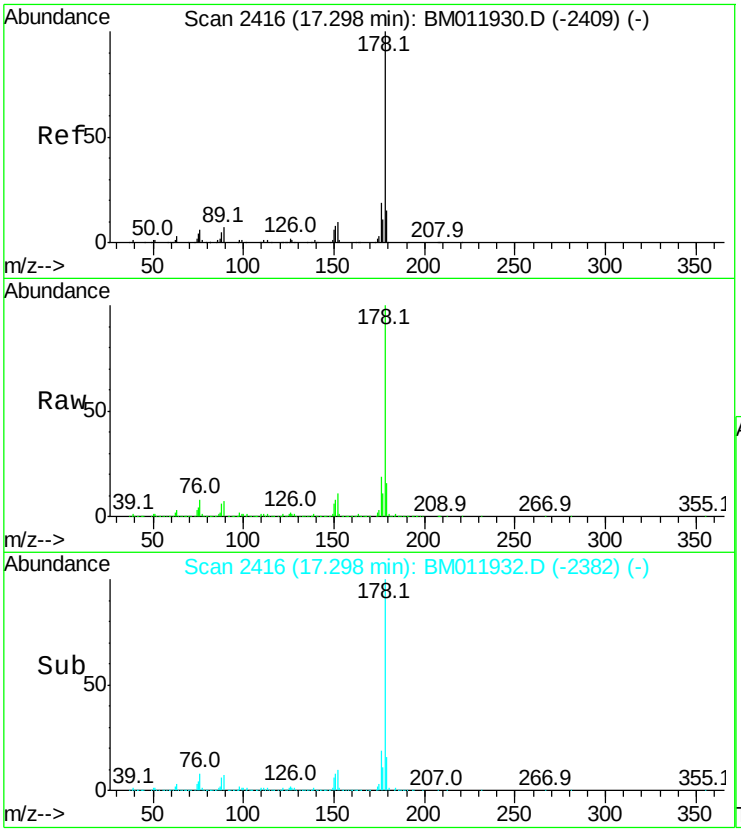


#58
Fluorene
Concen: 2.601 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:166 Resp: 116756

Ion	Ratio	Lower	Upper
166	100		
165	94.9	77.9	116.9
167	14.2	10.6	16.0



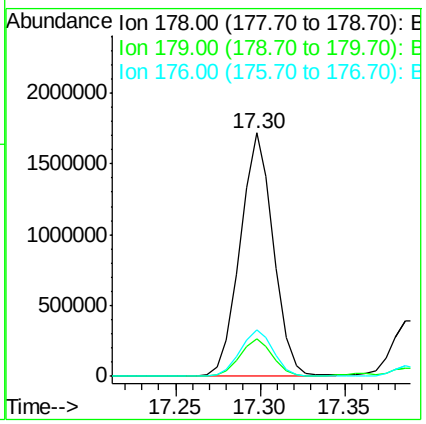


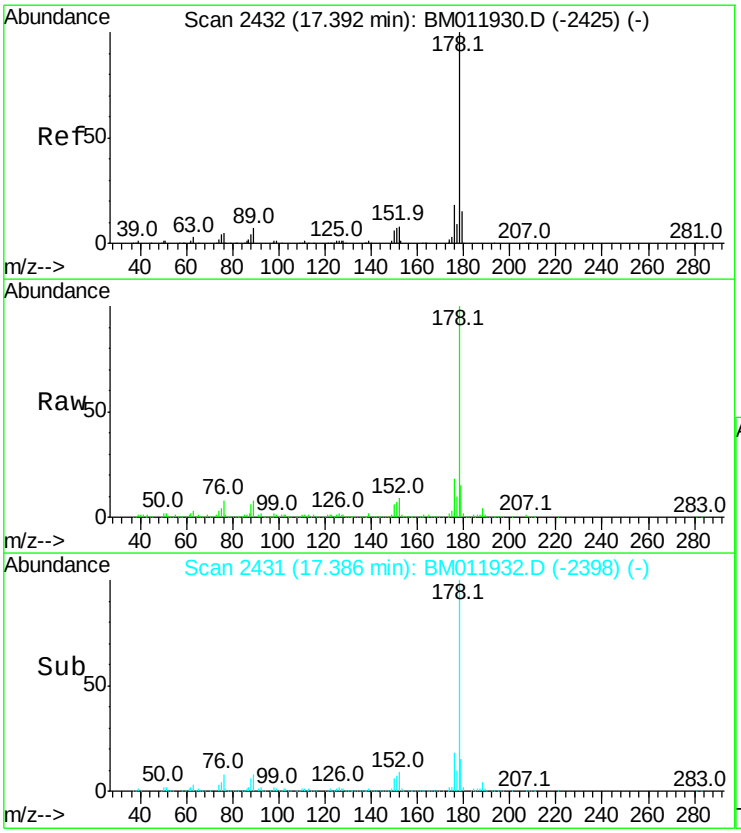
#69
Phenanthrene
Concen: 36.725 ng/ul
RT: 17.30 min Scan# 2416
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2346075

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.3	14.9	22.3

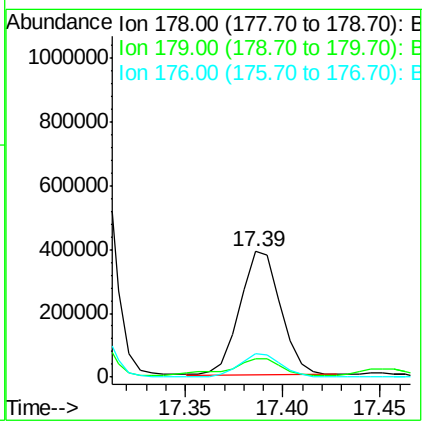


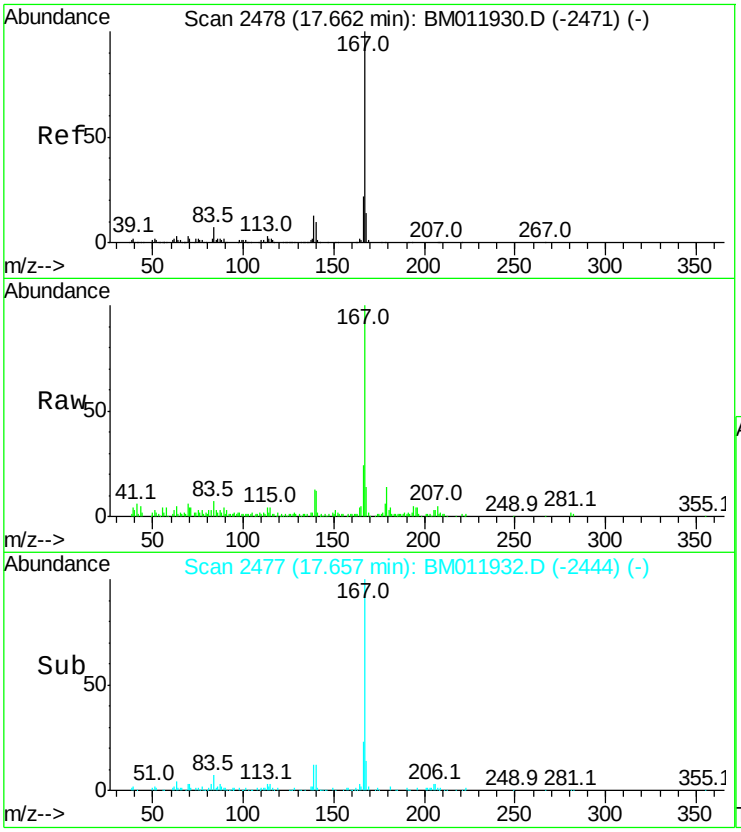


#71
Anthracene
Concen: 8.724 ng/ul
RT: 17.39 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:178 Resp: 567083

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.2	14.6	21.8



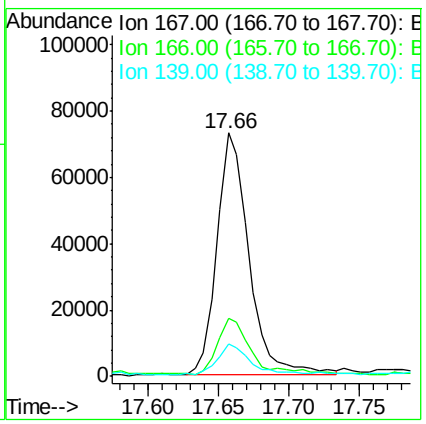


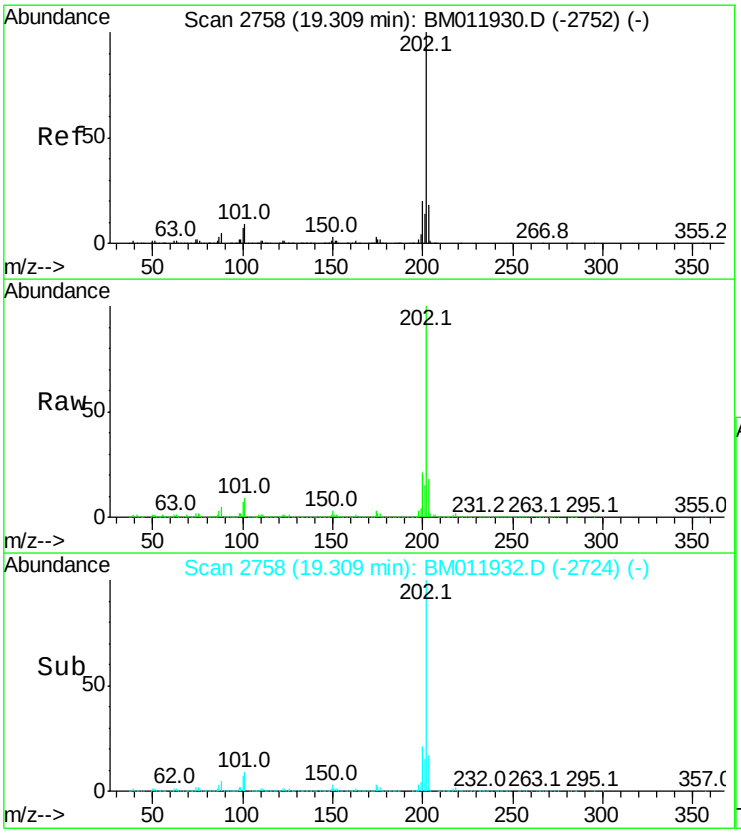
#72
Carbazole
Concen: 2.058 ng/ul
RT: 17.66 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 115867

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.1	25.7
139	13.1	10.0	15.0

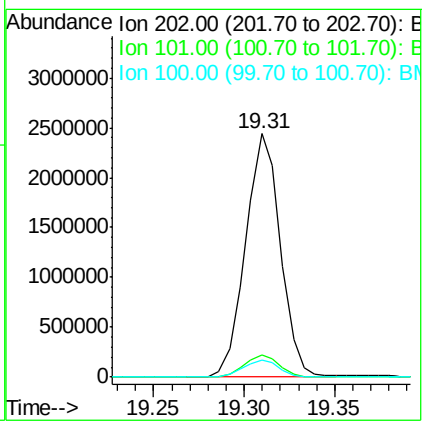


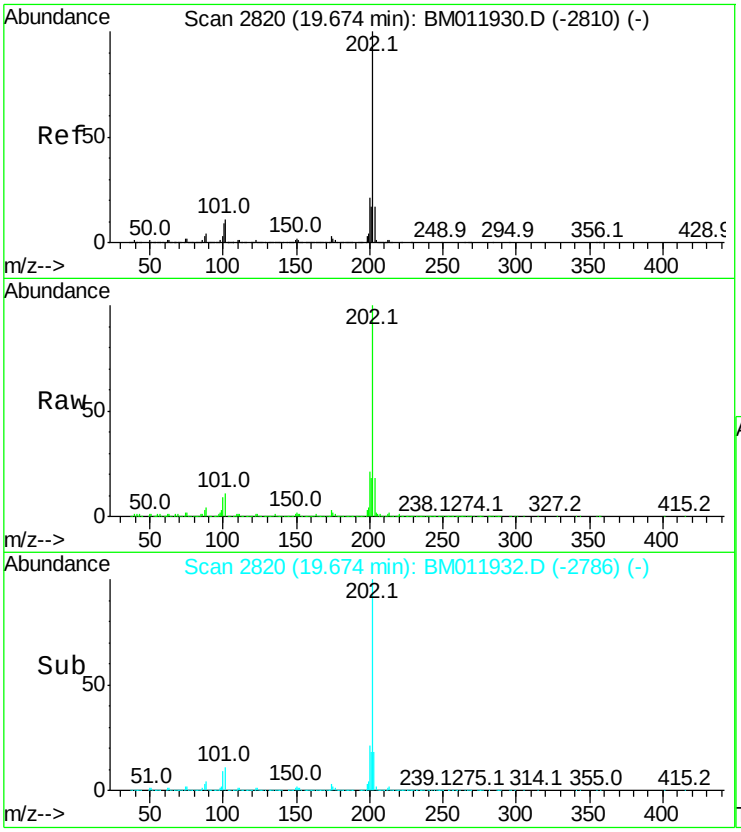


#74
Fluoranthene
Concen: 41.673 ng/ul
RT: 19.31 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:202 Resp: 3248124

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.2	3.4	5.2#



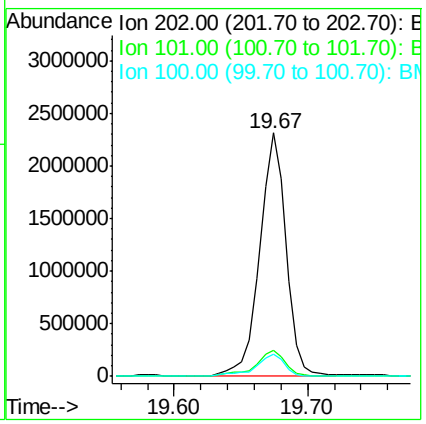


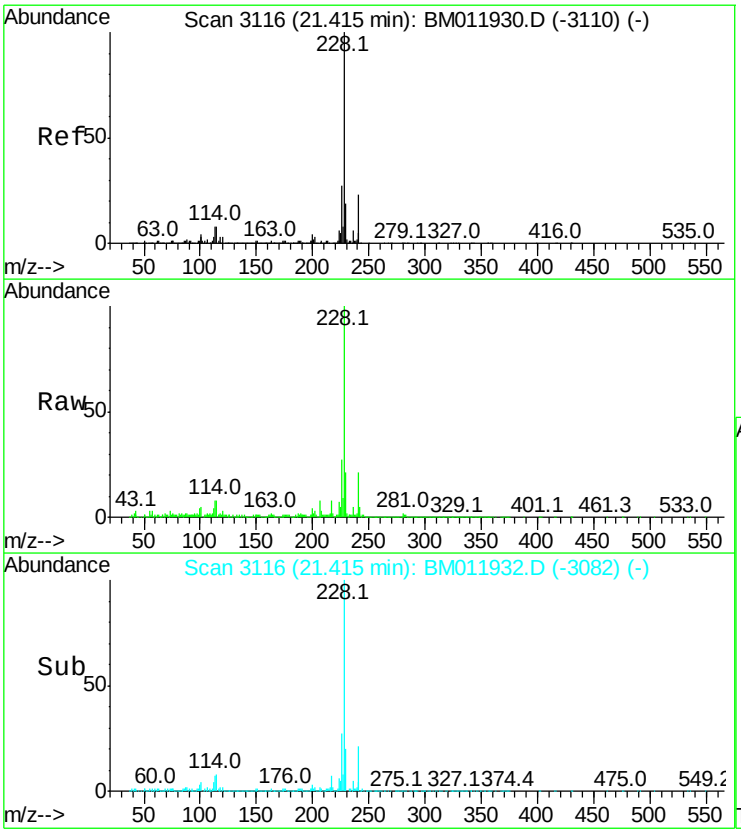
#77
Pyrene
Concen: 43.516 ng/ul
RT: 19.67 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3150219

Ion	Ratio	Lower	Upper
202	100		
101	10.8	5.1	7.7#
100	9.4	4.9	7.3#

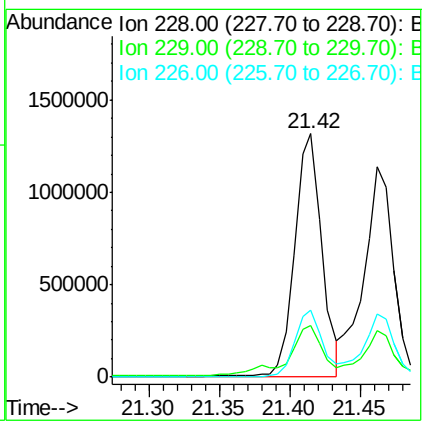


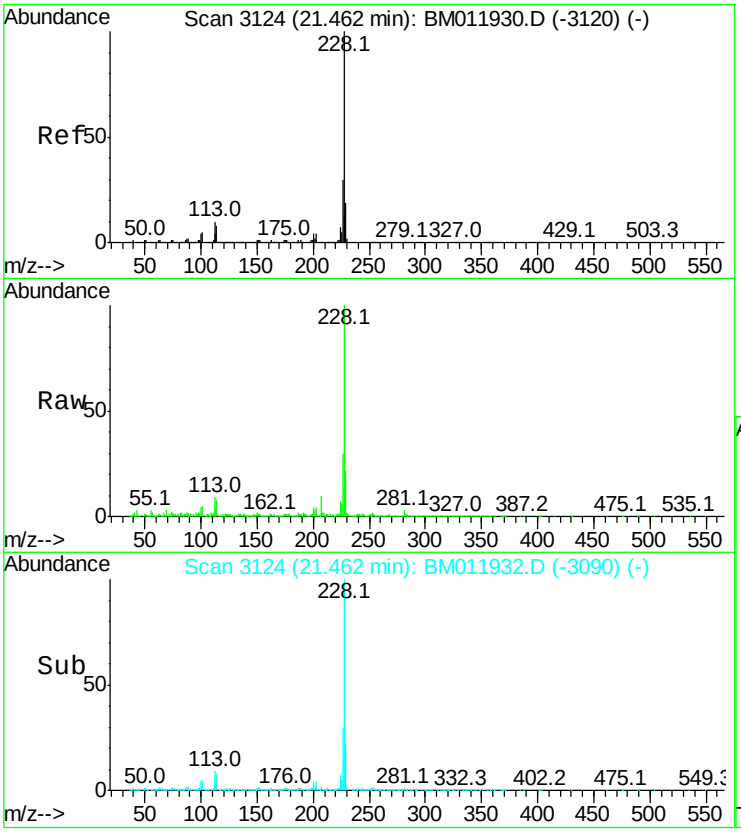


#80
Benzo(a)anthracene
Concen: 23.249 ng/ul
RT: 21.42 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:228 Resp: 1738881

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	27.3	21.4	32.0



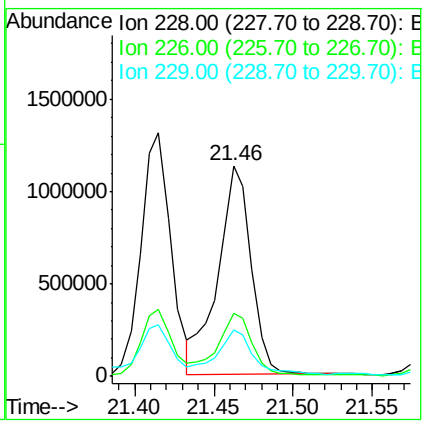


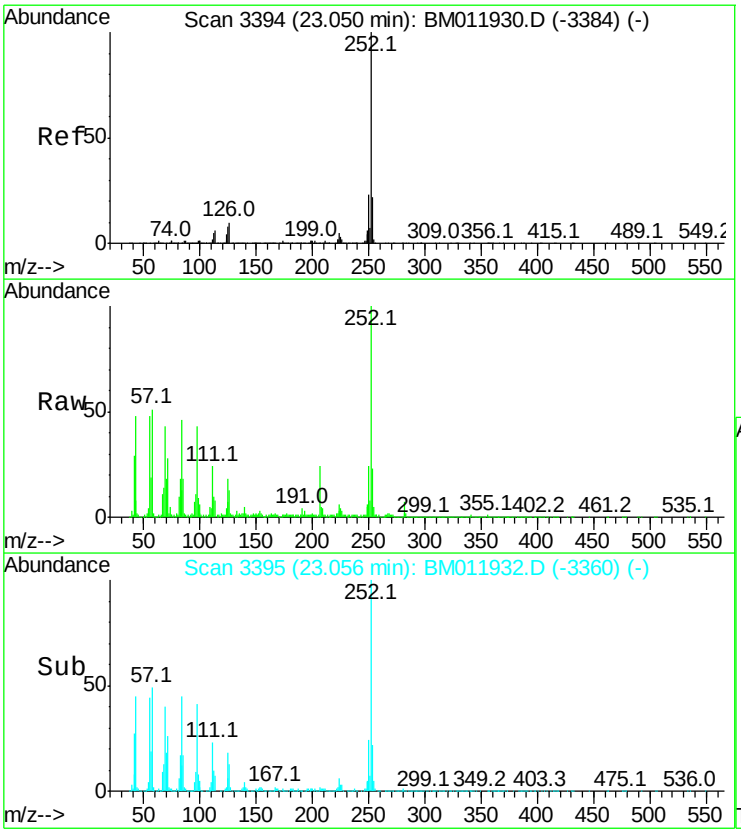
#82
Chrysene
Concen: 23.172 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1646692

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	22.2	15.5	23.3

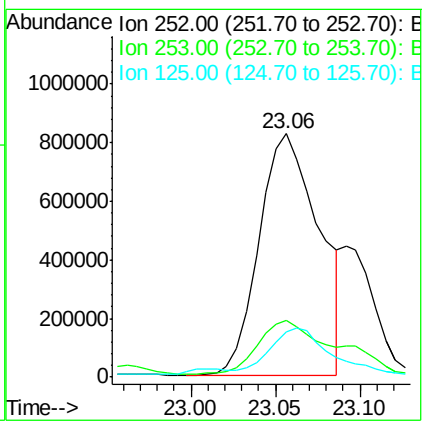


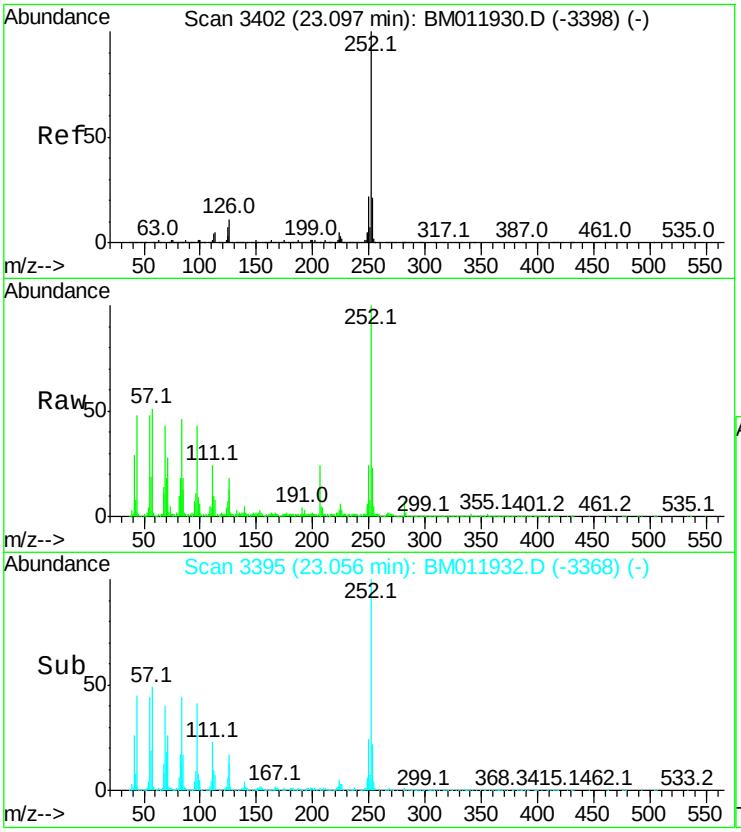


#85
Benzo(b)fluoranthene
Concen: 23.355 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:252 Resp: 2027990

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	18.4	3.6	5.4#



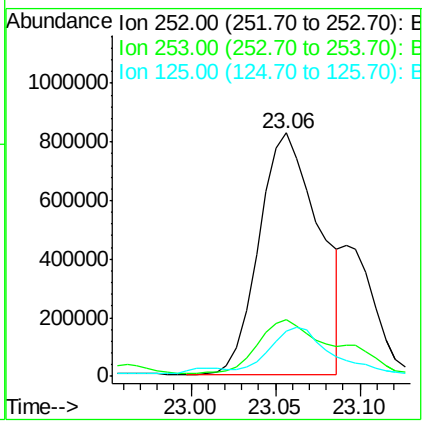


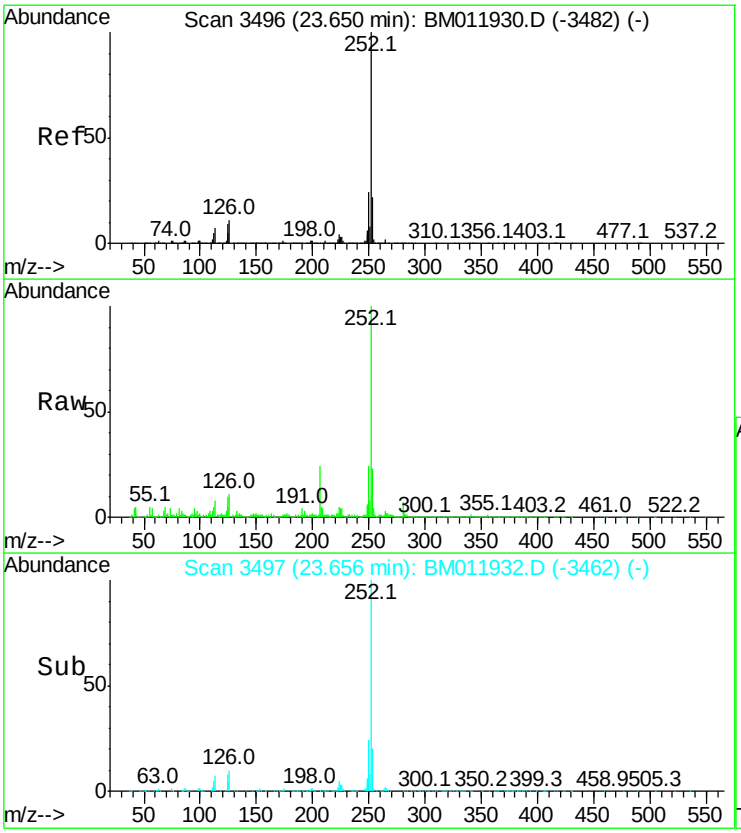
#86
Benzo(k)fluoranthene
Concen: 23.393 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.04 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2027990

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	18.4	3.4	5.2#

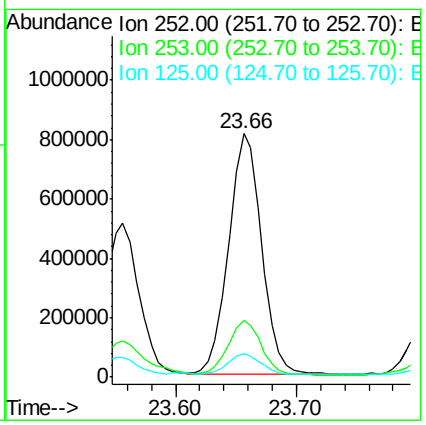


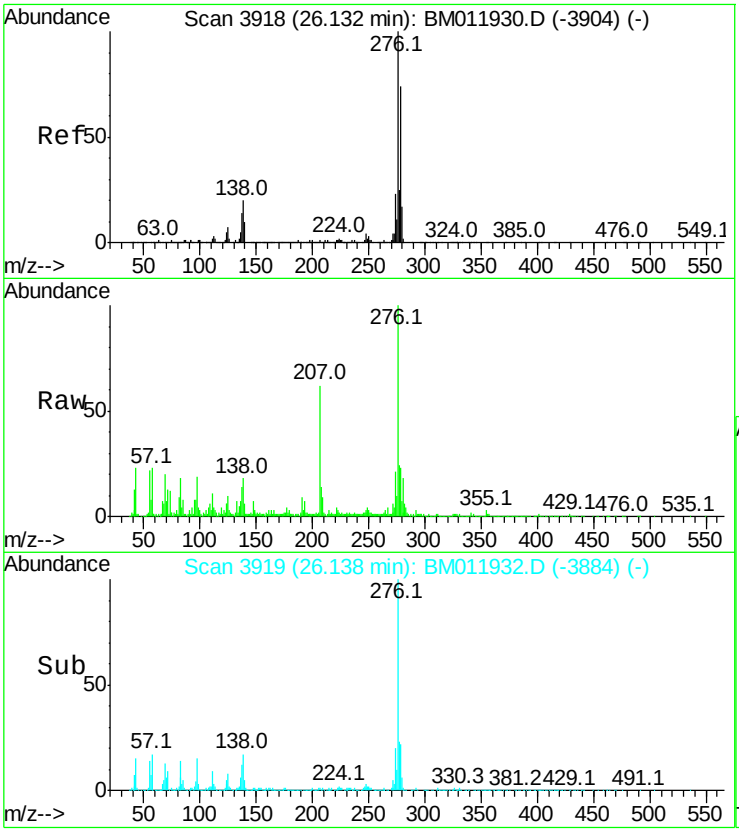


#88
Benzo(a)pyrene
Concen: 18.514 ng/ul
RT: 23.66 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:252 Resp: 1544760

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.9	4.0	6.0#



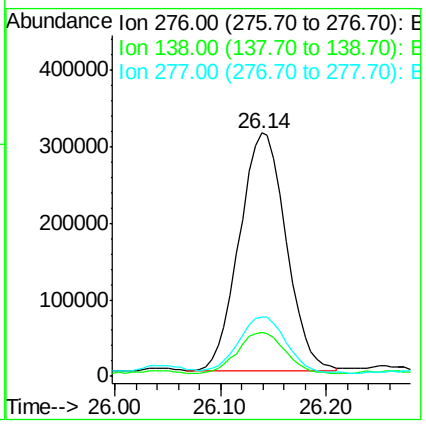


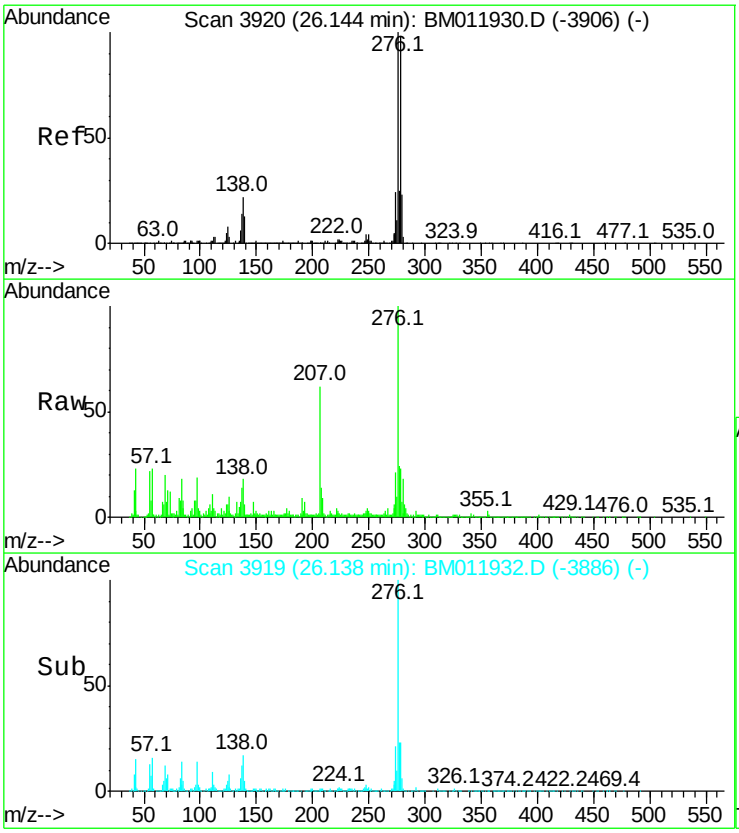
#89
Indeno(1,2,3-cd)pyrene
Concen: 10.728 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 957922

Ion	Ratio	Lower	Upper
276	100		
138	17.8	9.3	13.9#
277	24.2	19.9	29.9

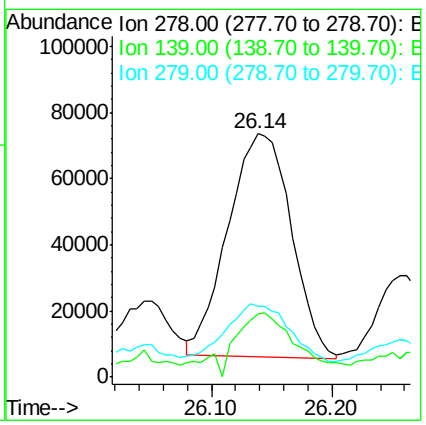


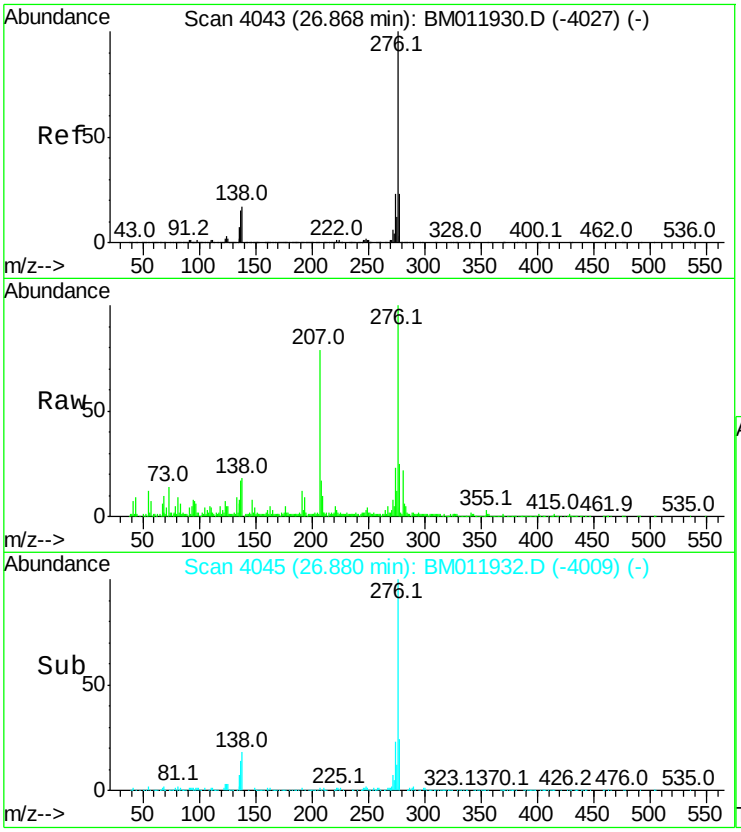


#90
Dibenzo(a,h)anthracene
Concen: 3.352 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Tgt Ion:278 Resp: 245901

Ion	Ratio	Lower	Upper
278	100		
139	25.8	5.8	8.8#
279	29.1	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 11.876 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. 0.01 min
Lab File: BM011932.D
Acq: 05 Oct 2017 18:56

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 877146

Ion	Ratio	Lower	Upper
276	100		
138	18.4	8.5	12.7#
277	24.7	18.6	28.0