Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
Data File : BM012656.D
Acq On : 02 Nov 2017 02:46
Operator : SJ/JU
Sample : I5937-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0DT6

Quant Time: Nov 02 04:17:12 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 04:04:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	244495	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1075977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	707551	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1820953	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	2858543	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3590433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	20268	4.23	ng/uL	0.00
5) Phenol-d5	7.01	99	434998	21.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	275199	22.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	356444	23.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	354912	20.33	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	184235	27.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	215283	31.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	403393	21.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	443928	22.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1370277	22.17	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1626399	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	183655	19.99	ng/ul	0.00
57) Fluorene-d10	15.46	176	1215793	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	166759	18.92	ng/ul	0.00
70) Anthracene-d10	17.32	188	2043662	23.55	ng/ul	0.00
76) Pyrene-d10	19.60	212	2572719	19.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	3916463	22.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.03	94	40017	1.88	ng/ul#	85
28) Naphthalene	10.68	128	122166	2.29	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	49390	1.14	ng/ul	93
44) Dimethylphthalate	13.93	163	332459	5.44	ng/ul	100
47) Acenaphthylene	14.19	152	293479	4.21	ng/ul	99
53) Dibenzofuran	14.87	168	158878	2.25	ng/ul	95
58) Fluorene	15.52	166	99949	1.67	ng/ul#	97
69) Phenanthrene	17.26	178	2685166	27.27	ng/ul	99
71) Anthracene	17.34	178	270123	2.65	ng/ul	98
72) Carbazole	17.62	167	246450	2.92	ng/ul	99
74) Fluoranthene	19.27	202	4203820	37.67	ng/ul#	92
77) Pyrene	19.63	202	3396851	20.90	ng/ul#	89
80) Benzo(a)anthracene	21.37	228	1891559	11.05	ng/ul	95
82) Chrysene	21.43	228	2077735	13.65	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	3316506	14.94	ng/ul#	98
86) Benzo(k)fluoranthene	23.00	252	3316506	15.88	ng/ul#	96
88) Benzo(a)pyrene	23.59	252	2108066	9.96	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	1468548	5.90	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.00	278	393094	1.86	ng/ul#	86
91) Benzo(g,h,i)perylene	26.72	276	1057379	5.24	ng/ul#	94

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

Quantitation Report (Not Reviewed)

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Acq On : 02 Nov 2017 02:46
Operator : SJ/JU
Sample : I5937-18
Misc :
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Instrument : BNA_M
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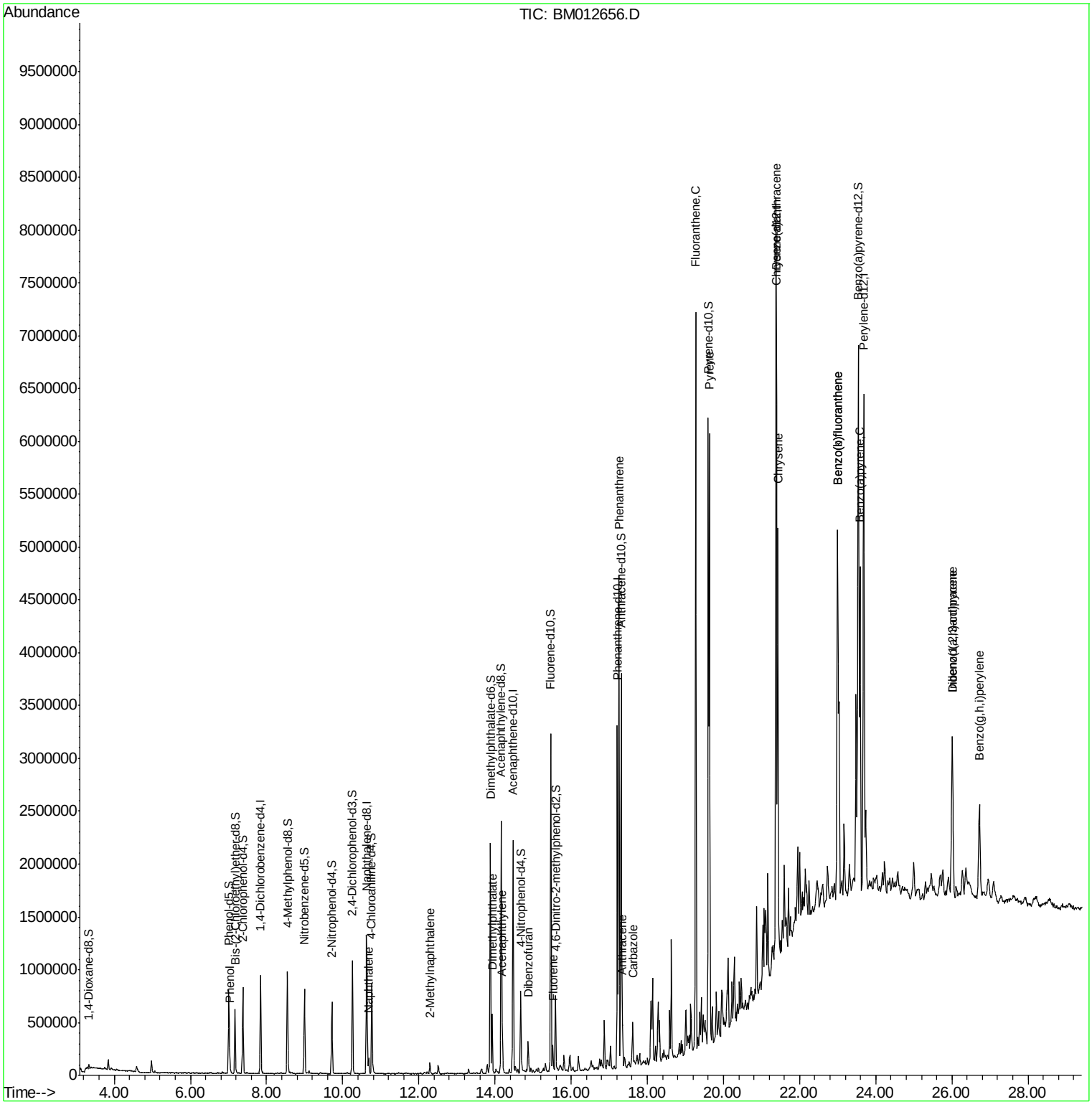
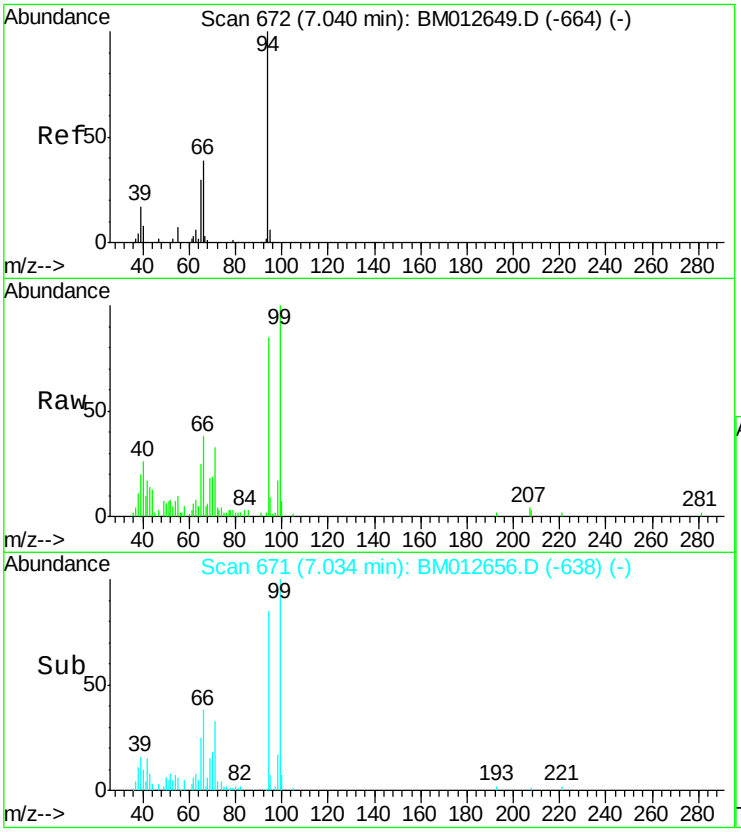
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 04:04:31 2017
Response via : Initial Calibration



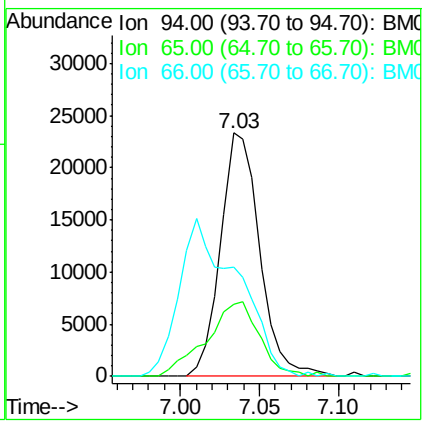


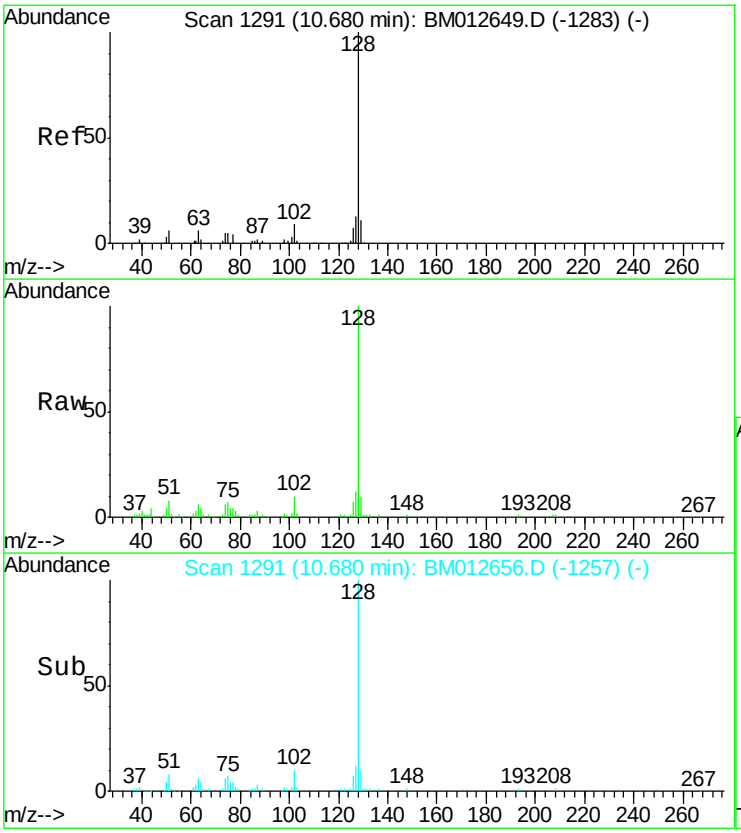
#6
Phenol
Concen: 1.88 ng/ul
RT: 7.03 min Scan# 671
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion: 94 Resp: 40017

Ion	Ratio	Lower	Upper
94	100		
65	29.8	28.2	42.4
66	44.9	47.2	70.8#

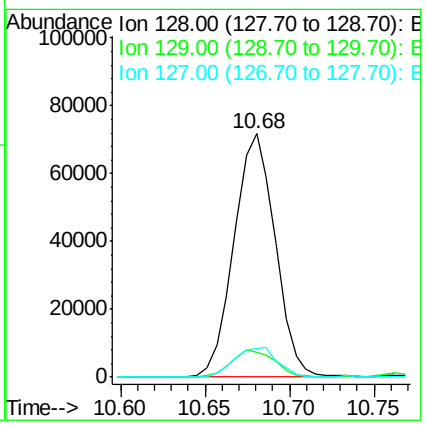


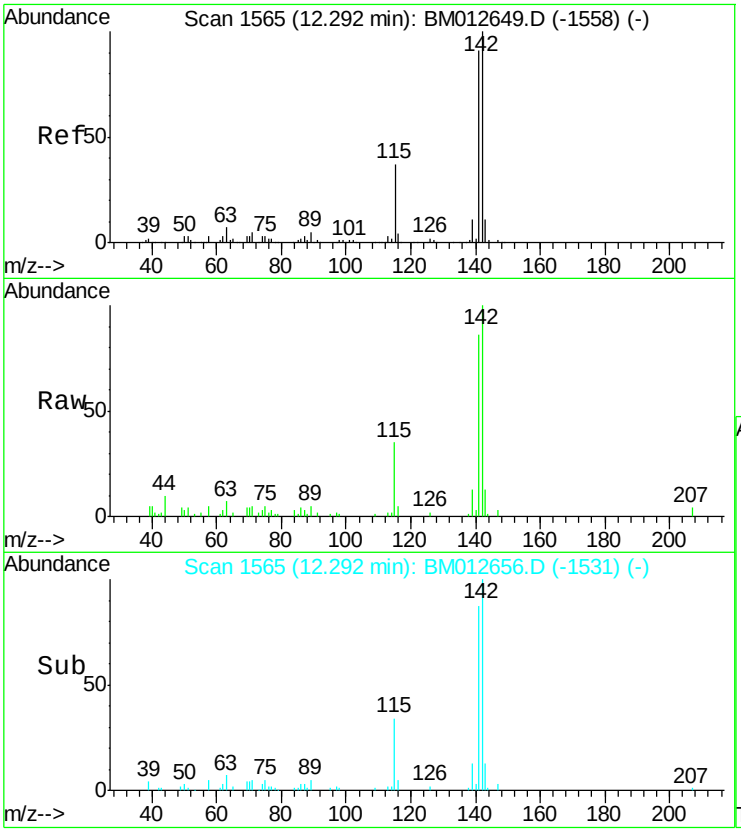


#28
Naphthalene
Concen: 2.29 ng/ul
RT: 10.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:128 Resp: 122166

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	11.8	10.6	16.0



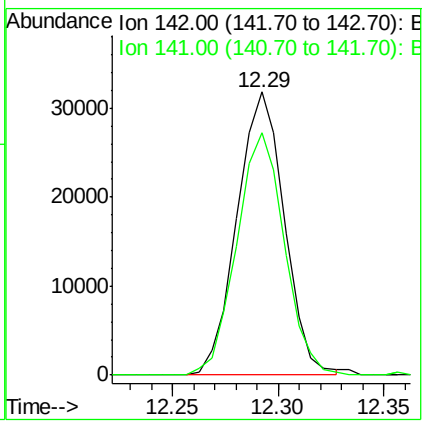


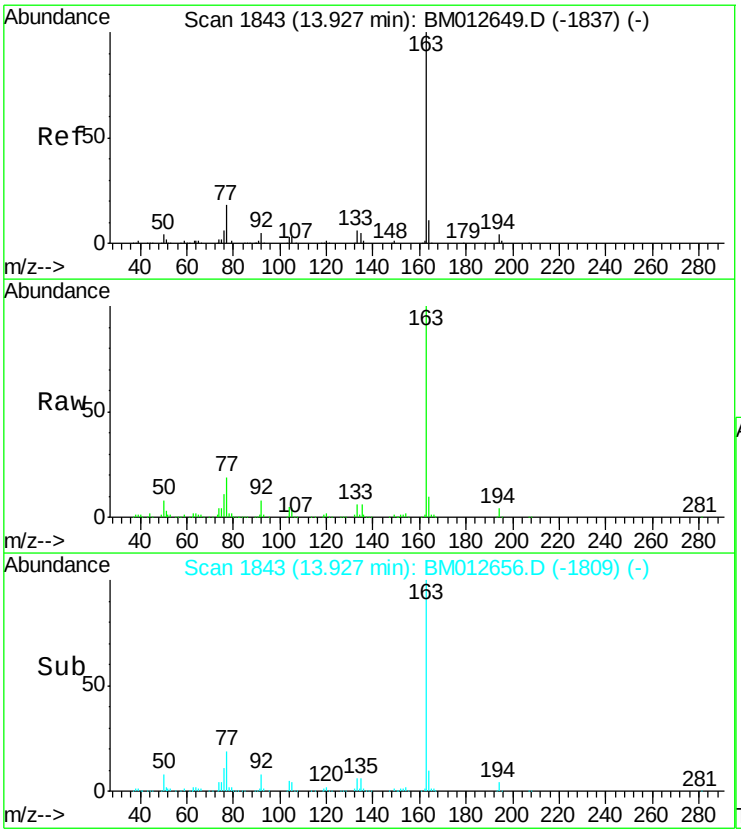
#34
2-Methylnaphthalene
Concen: 1.14 ng/ul
RT: 12.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:142 Resp: 49390

Ion	Ratio	Lower	Upper
142	100		
141	85.7	74.1	111.1

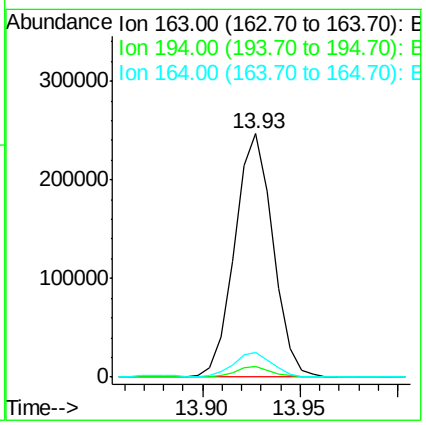


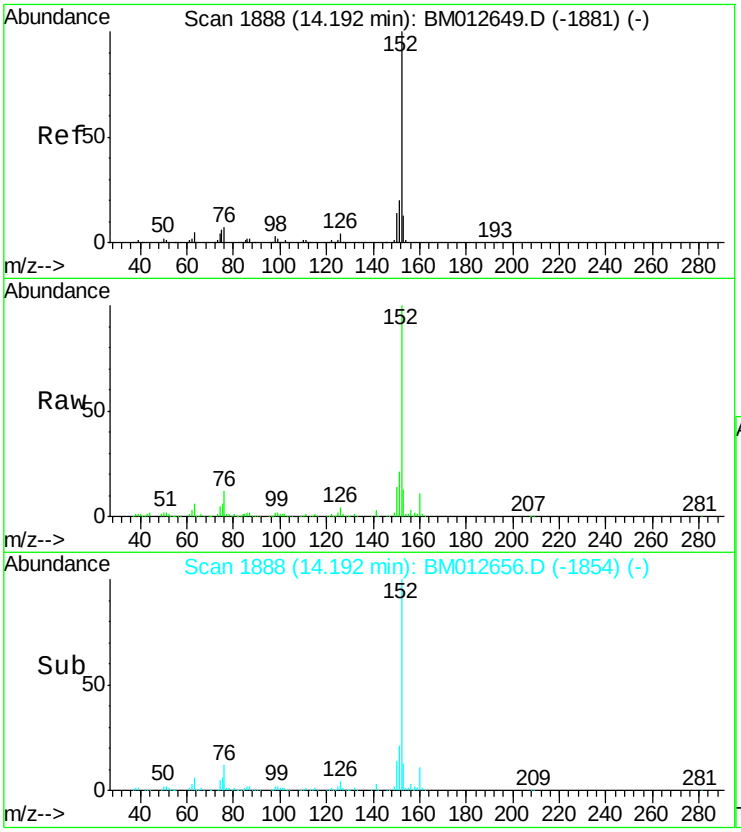


#44
Dimethylphthalate
Concen: 5.44 ng/ul
RT: 13.93 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:163 Resp: 332459

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.2	8.2	12.4



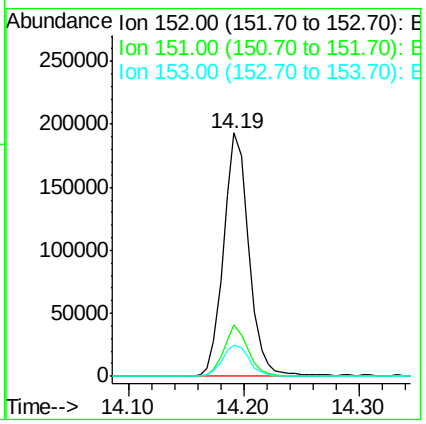


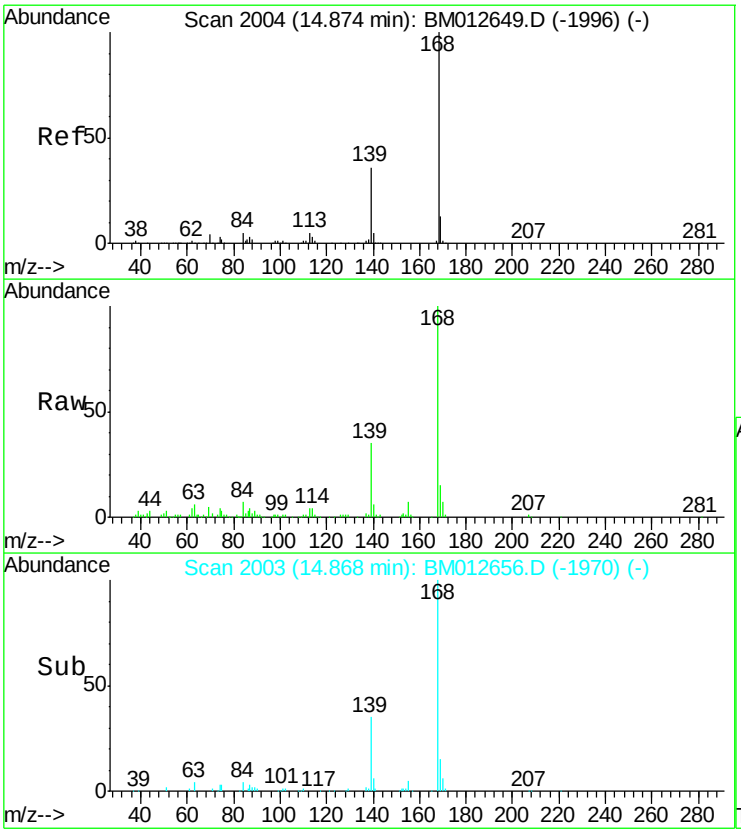
#47
Acenaphthylene
Concen: 4.21 ng/ul
RT: 14.19 min Scan# 1888
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:152 Resp: 293479

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	12.9	10.2	15.4

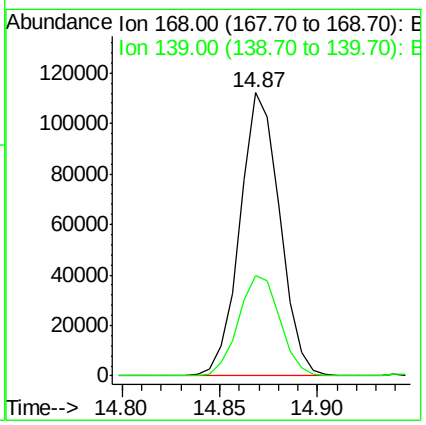


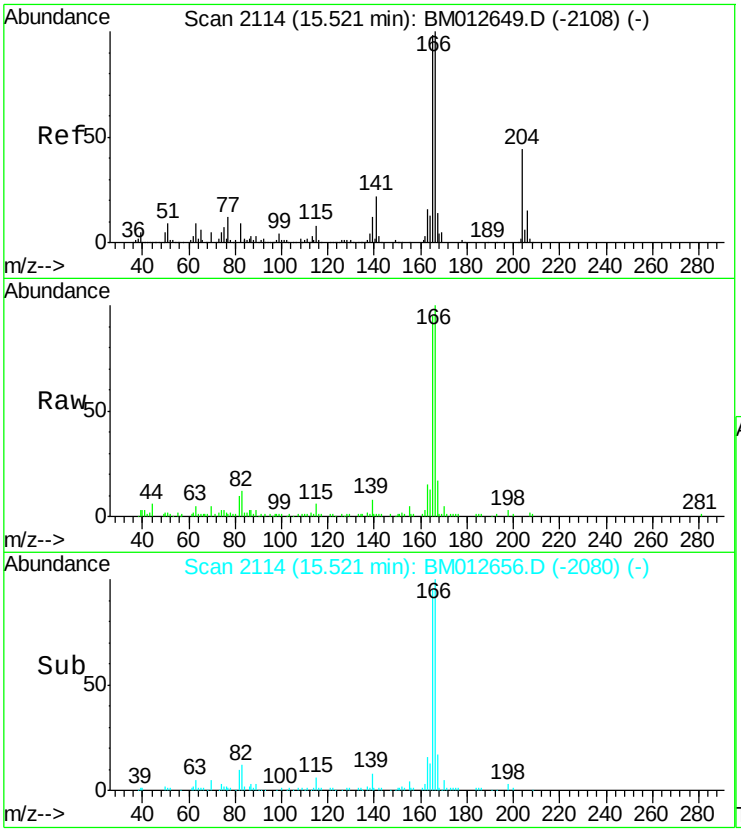


#53
Dibenzofuran
Concen: 2.25 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:168 Resp: 158878

Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.8	46.2



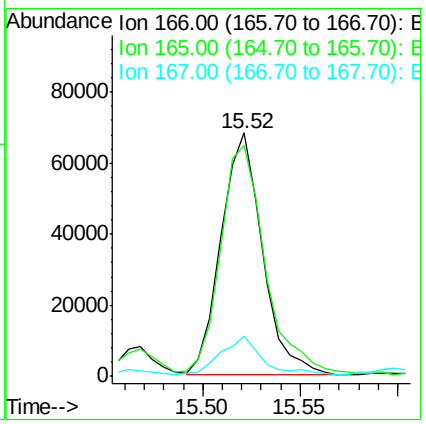


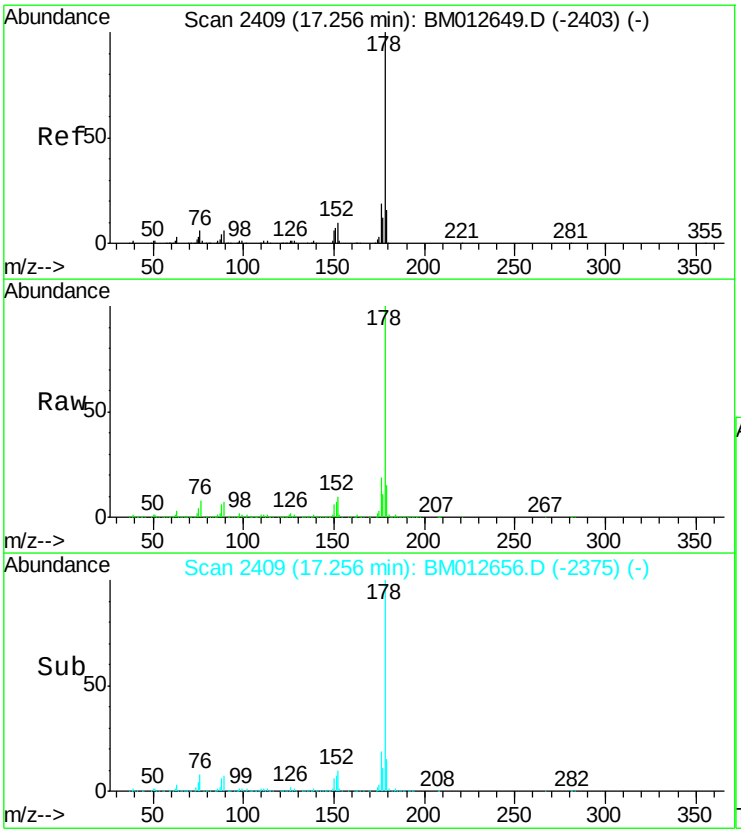
#58
Fluorene
Concen: 1.67 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:166 Resp: 99949

Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.9	116.9
167	16.5	10.6	16.0#

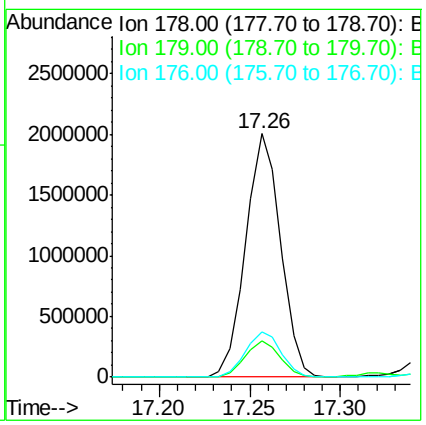


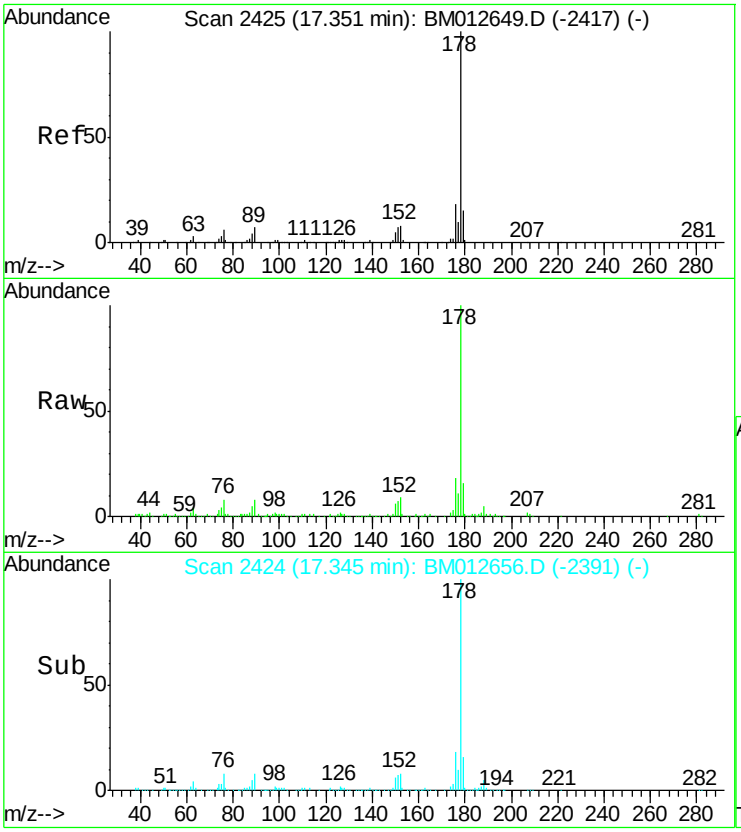


#69
Phenanthrene
Concen: 27.27 ng/ul
RT: 17.26 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:178 Resp: 2685166

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.7	14.9	22.3



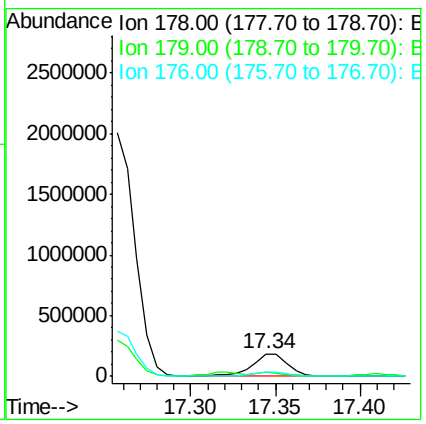


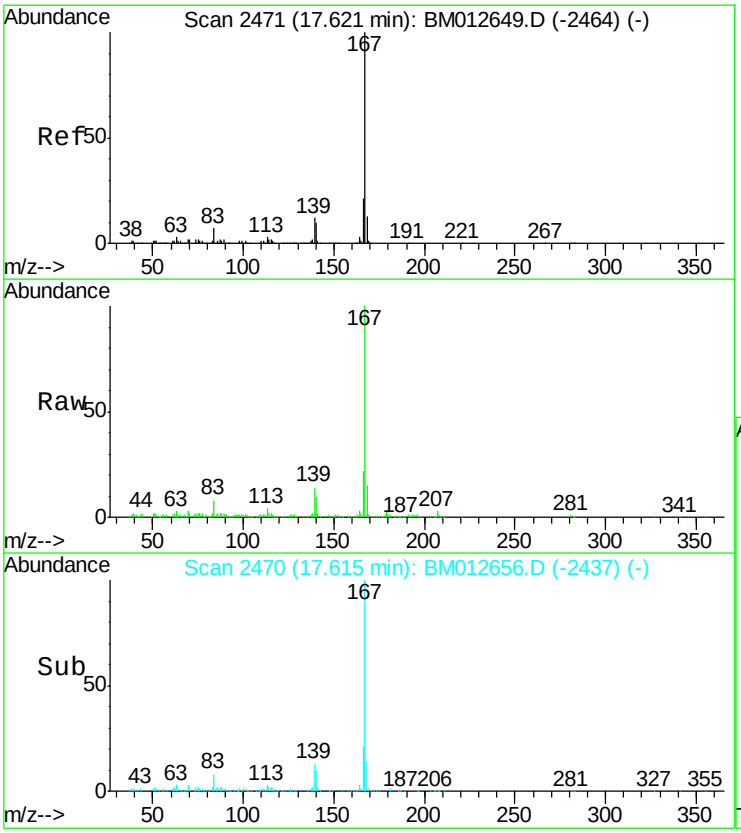
#71
Anthracene
Concen: 2.65 ng/ul
RT: 17.34 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:178 Resp: 270123

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	18.3	14.6	21.8

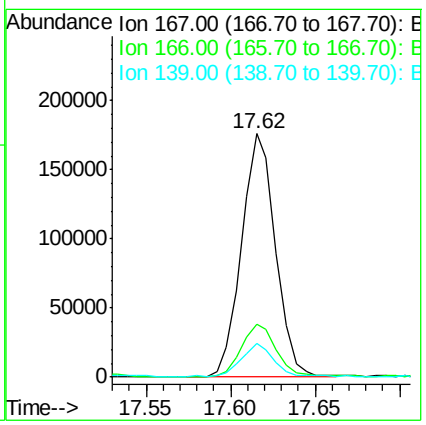


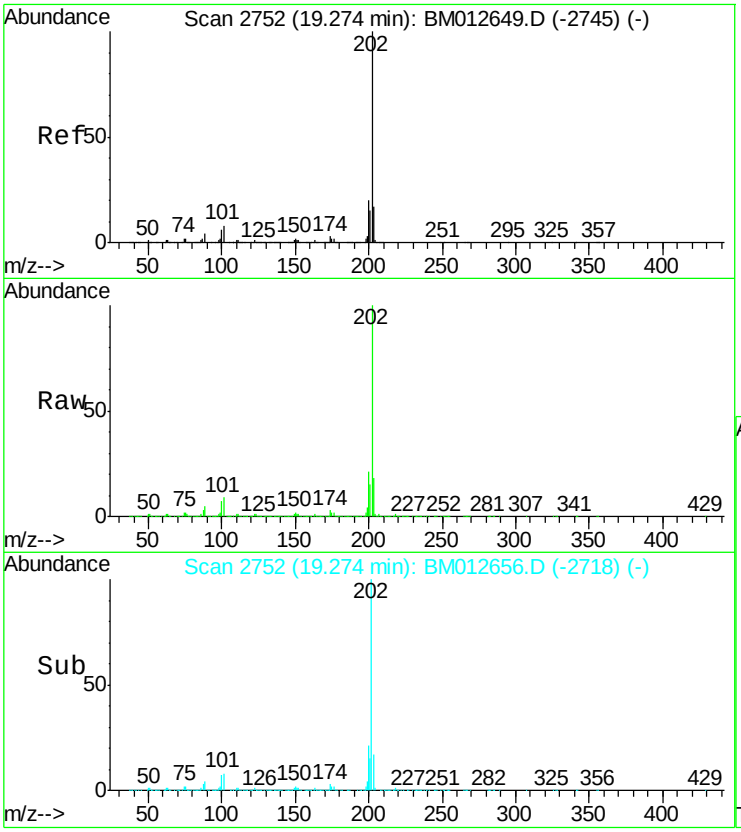


#72
Carbazole
Concen: 2.92 ng/ul
RT: 17.62 min Scan# 2470
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:167 Resp: 246450

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.6	10.0	15.0



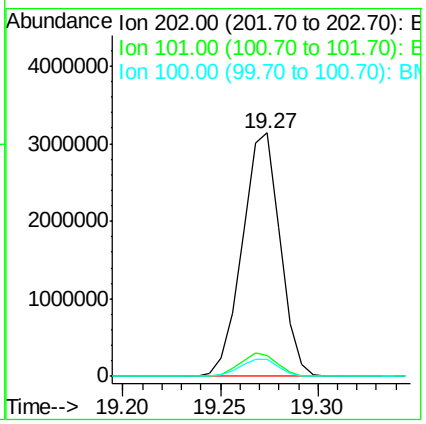


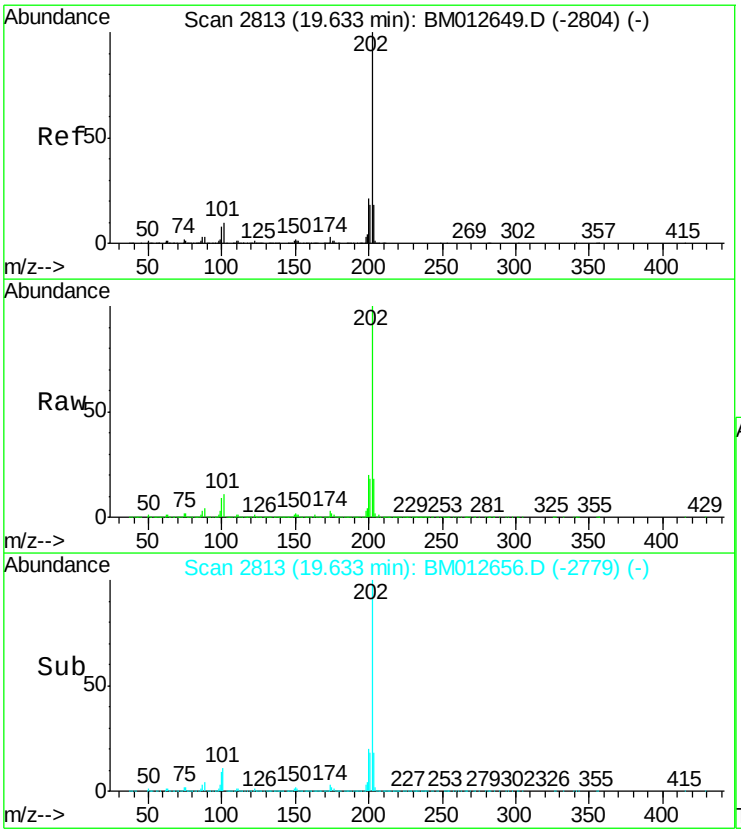
#74
Fluoranthene
Concen: 37.67 ng/ul
RT: 19.27 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:202 Resp: 4203820

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#

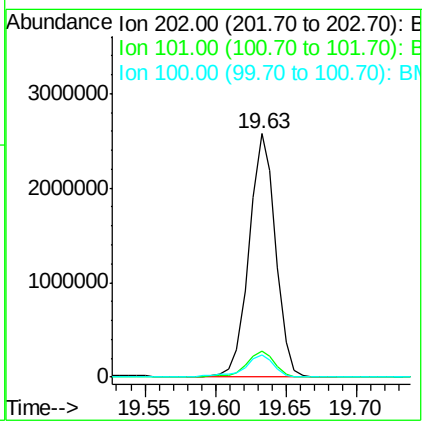


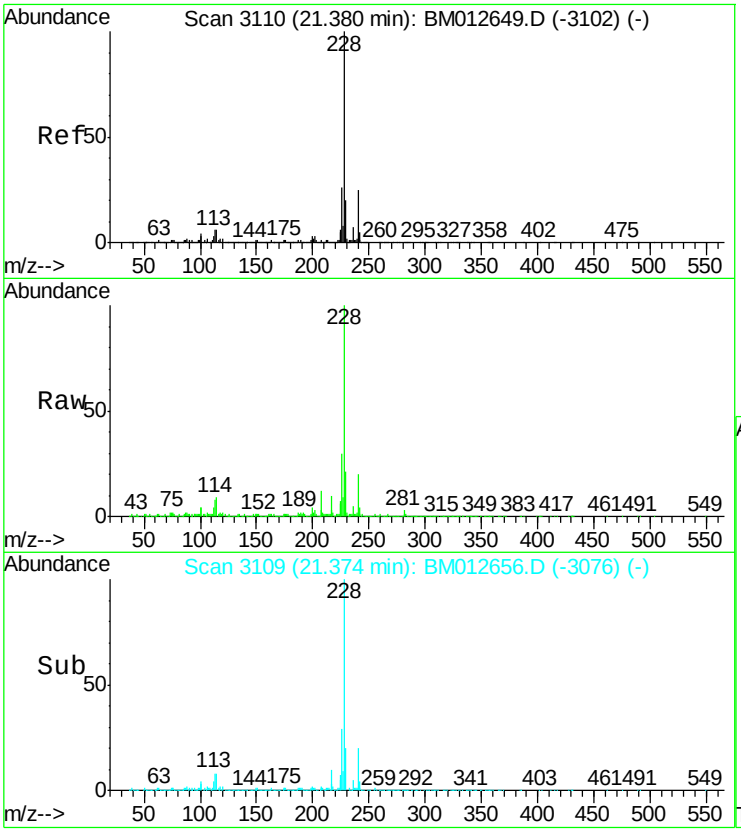


#77
Pyrene
Concen: 20.90 ng/ul
RT: 19.63 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:202 Resp: 3396851

Ion	Ratio	Lower	Upper
202	100		
101	10.7	5.1	7.7#
100	9.3	4.9	7.3#



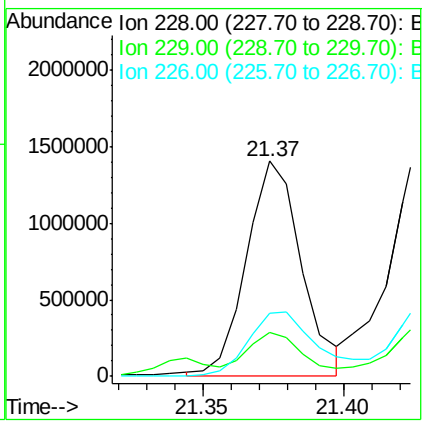


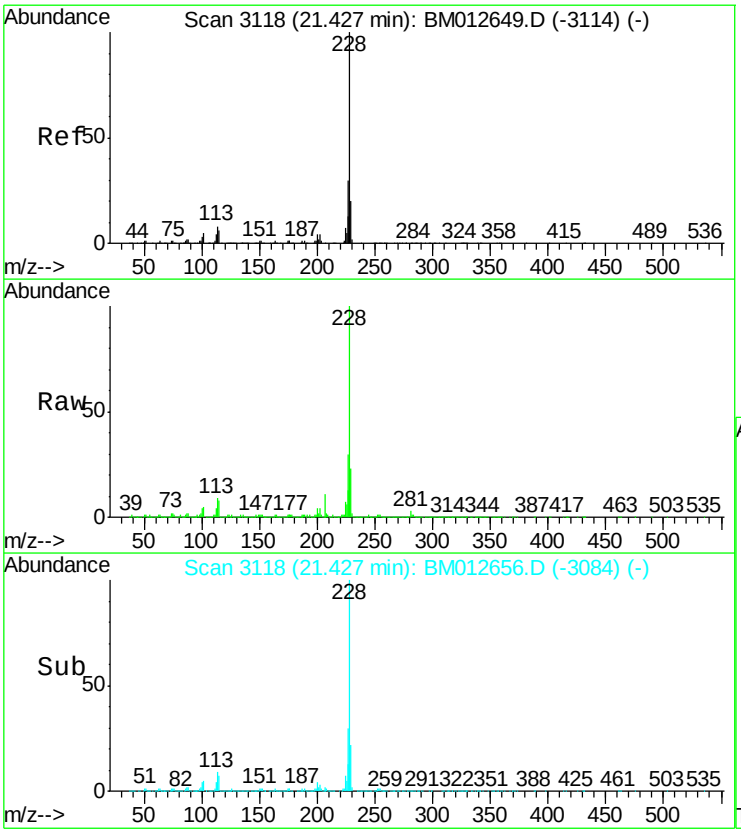
#80
Benzo(a)anthracene
Concen: 11.05 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:228 Resp: 1891559

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	29.5	21.4	32.0

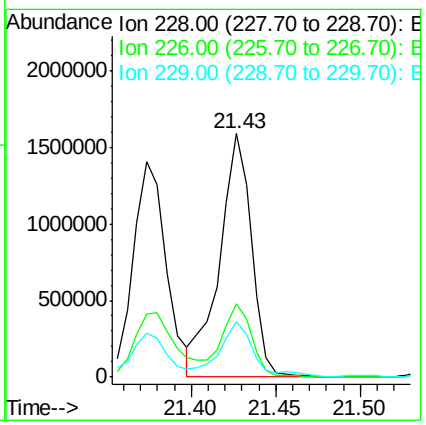


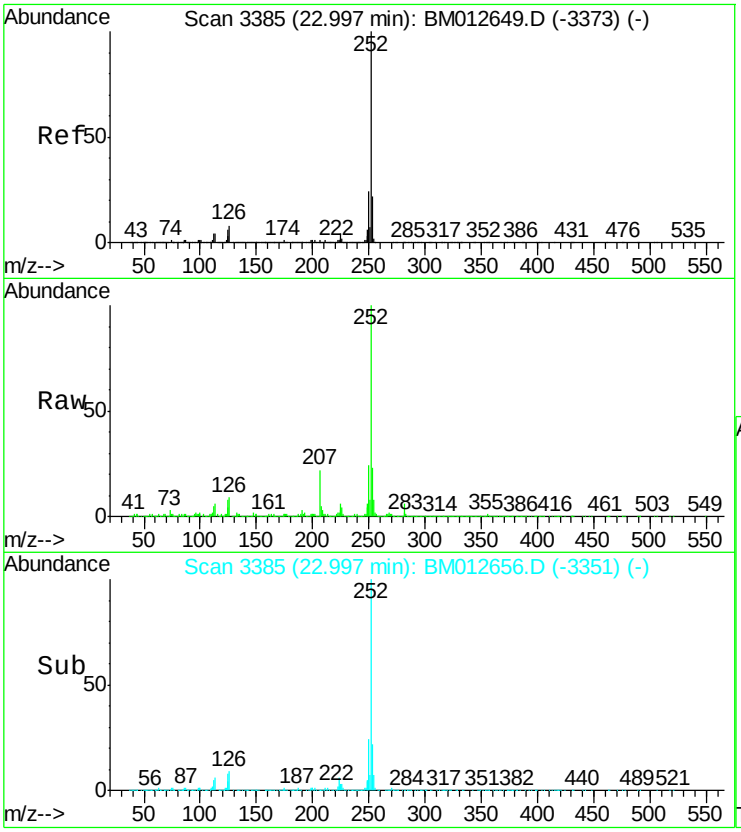


#82
Chrysene
Concen: 13.65 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:228 Resp: 2077735

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.7	15.5	23.3



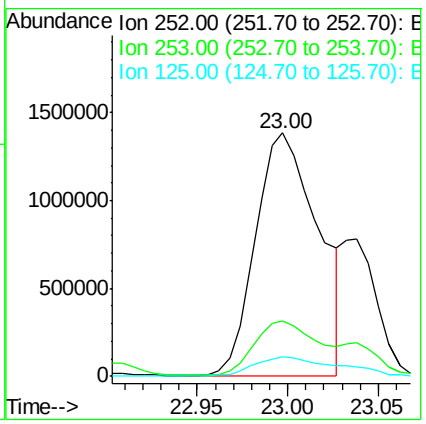


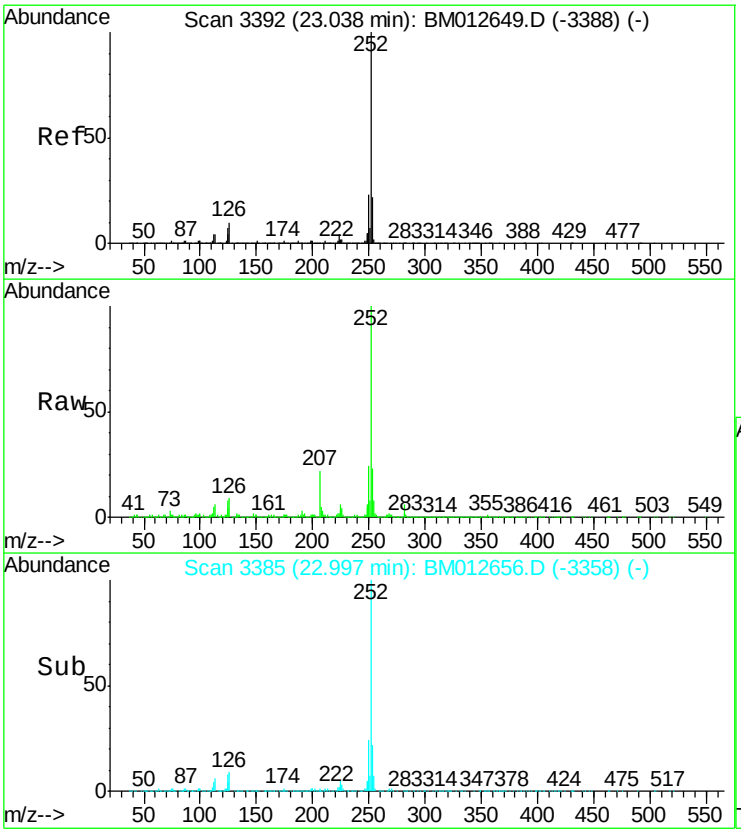
#85
Benzo(b)fluoranthene
Concen: 14.94 ng/ul
RT: 23.00 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:252 Resp: 3316506

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	8.0	3.6	5.4#

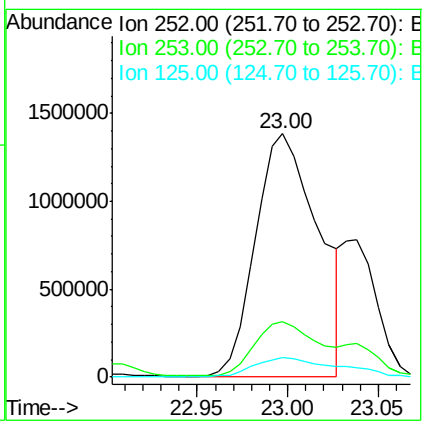


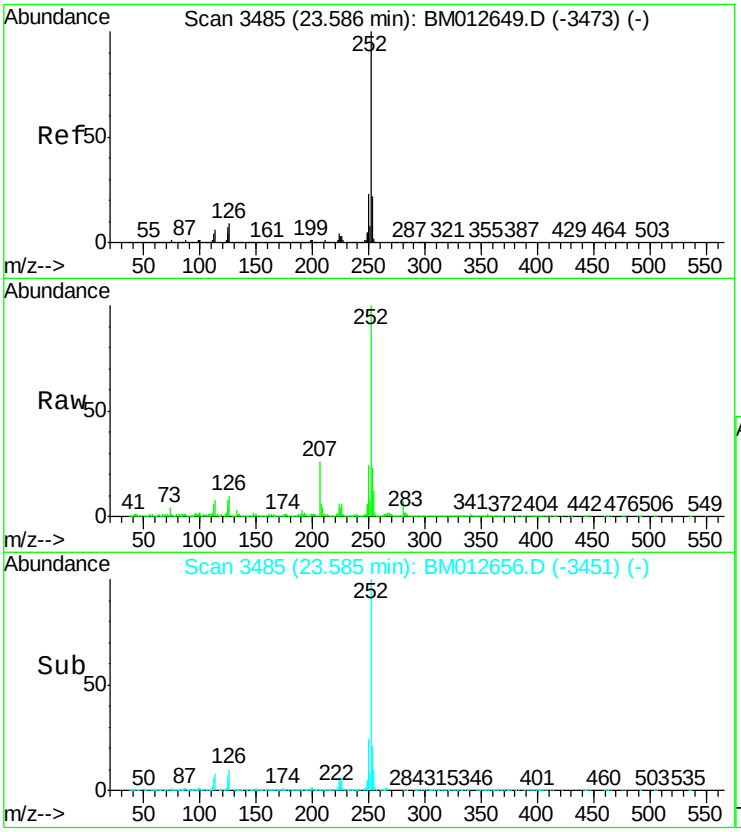


#86
Benzo(k)fluoranthene
Concen: 15.88 ng/ul
RT: 23.00 min Scan# 3385
Delta R.T. -0.04 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:252 Resp: 3316506

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	8.0	3.4	5.2#



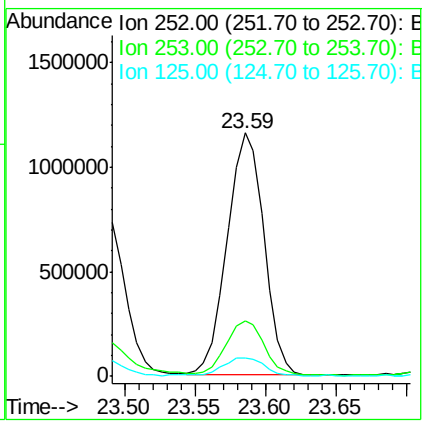


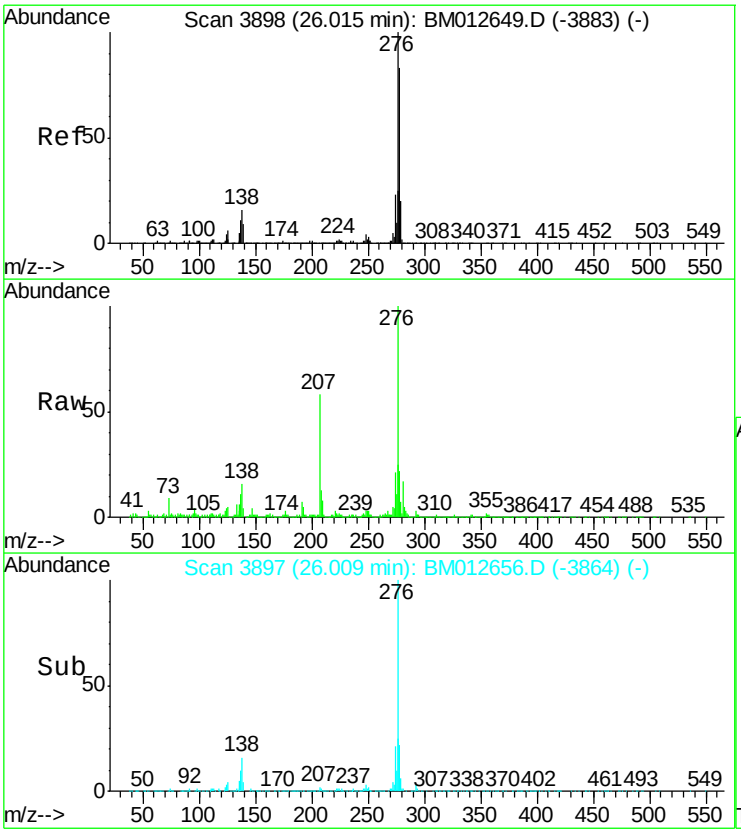
#88
Benzo(a)pyrene
Concen: 9.96 ng/ul
RT: 23.59 min Scan# 3485
Delta R.T. -0.00 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:252 Resp: 2108066

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	7.8	4.0	6.0#

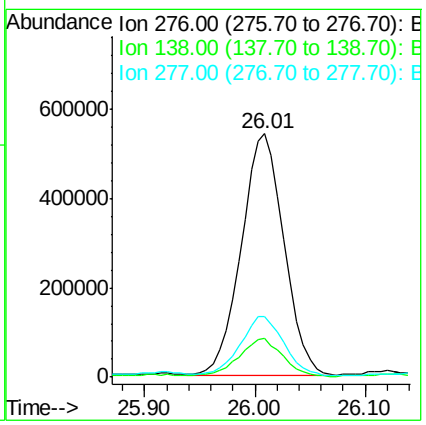


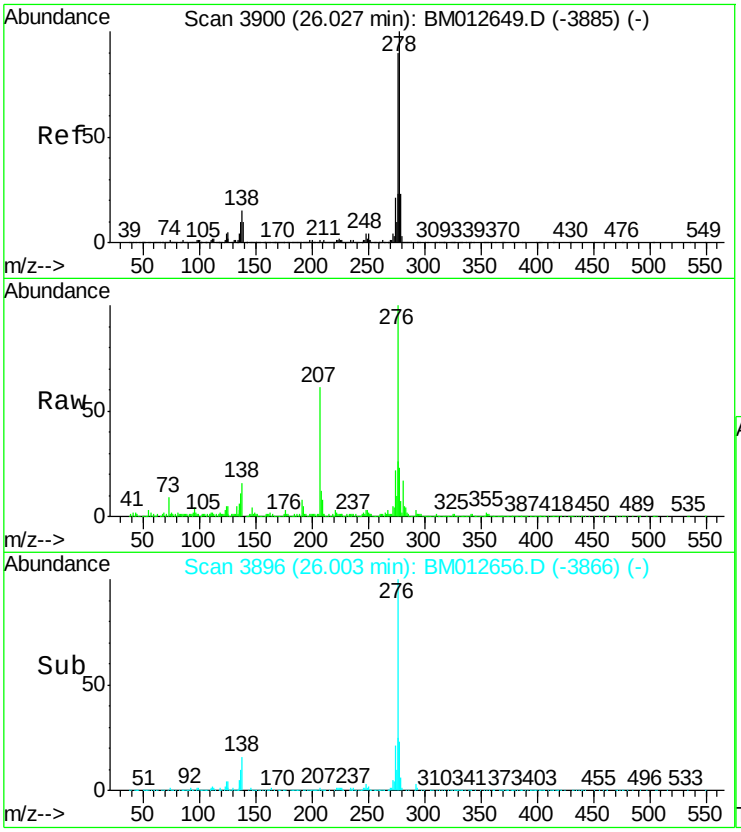


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.90 ng/ul
RT: 26.01 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:276 Resp: 1468548

Ion	Ratio	Lower	Upper
276	100		
138	15.9	9.3	13.9#
277	25.0	19.9	29.9



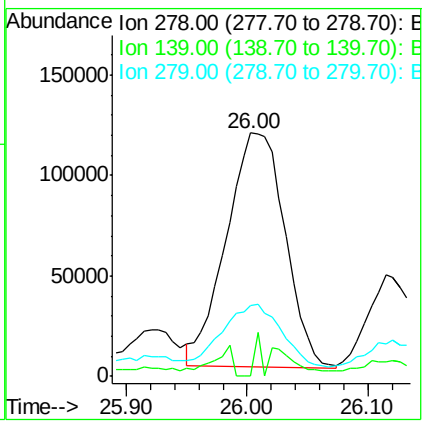


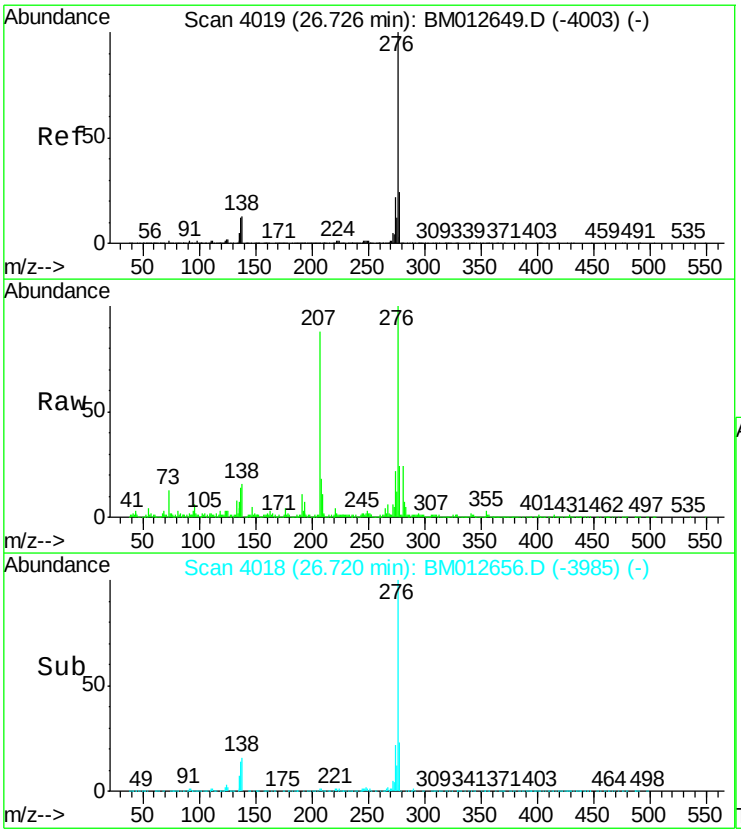
#90
Dibenzo(a,h)anthracene
Concen: 1.86 ng/ul
RT: 26.00 min Scan# 3896
Delta R.T. -0.02 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Instrument :
BNA_M
ClientSampleId :
B0DT6

Tgt Ion:278 Resp: 393094

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.2	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 5.24 ng/ul
RT: 26.72 min Scan# 4018
Delta R.T. -0.01 min
Lab File: BM012656.D
Acq: 02 Nov 2017 02:46

Tgt Ion:276 Resp: 1057379

Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	24.1	18.6	28.0