Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014495.D
Acq On : 06 Mar 2018 11:30
Operator : SJ/JU
Sample : J1631-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 06 13:05:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	94103	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	371438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	208415	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	441082	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	403110	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	375323	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	2070	0.94	ng/uL	0.00
5) Phenol-d5	6.75	99	25369	3.19	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	21878	4.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	32472	5.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	13519	1.94	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	13069	4.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	13309	4.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	303	0.05	ng/ul	0.14
29) 4-Chloroaniline-d4	10.49	131	11215	1.93	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	101433	5.89	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	130836	6.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	1790	0.75	ng/ul	0.05
57) Fluorene-d10	15.18	176	90626	5.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	1909	0.72	ng/ul	0.02
70) Anthracene-d10	17.04	188	136349	6.41	ng/ul	0.00
76) Pyrene-d10	19.34	212	145999	7.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	117726	6.44	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	49429	2.912	ng/ul#	96
69) Phenanthrene	16.98	178	205790	8.098	ng/ul	99
71) Anthracene	16.98	178	205790	8.052	ng/ul	98
72) Carbazole	17.36	167	26184	1.218	ng/ul	98
74) Fluoranthene	19.01	202	475997	15.677	ng/ul#	95
77) Pyrene	19.37	202	529634	19.770	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	268728	10.682	ng/ul	96
82) Chrysene	21.19	228	272063	11.592	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	473598	18.845	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	157539	6.593	ng/ul#	94
88) Benzo(a)pyrene	23.24	252	356048	15.855	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	257598	11.821	ng/ul	95
90) Dibenzo(a,h)anthracene	25.49	278	65638	3.625	ng/ul#	88
91) Benzo(g,h,i)perylene	26.17	276	191347	10.839	ng/ul	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
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Acq On : 06 Mar 2018 11:30
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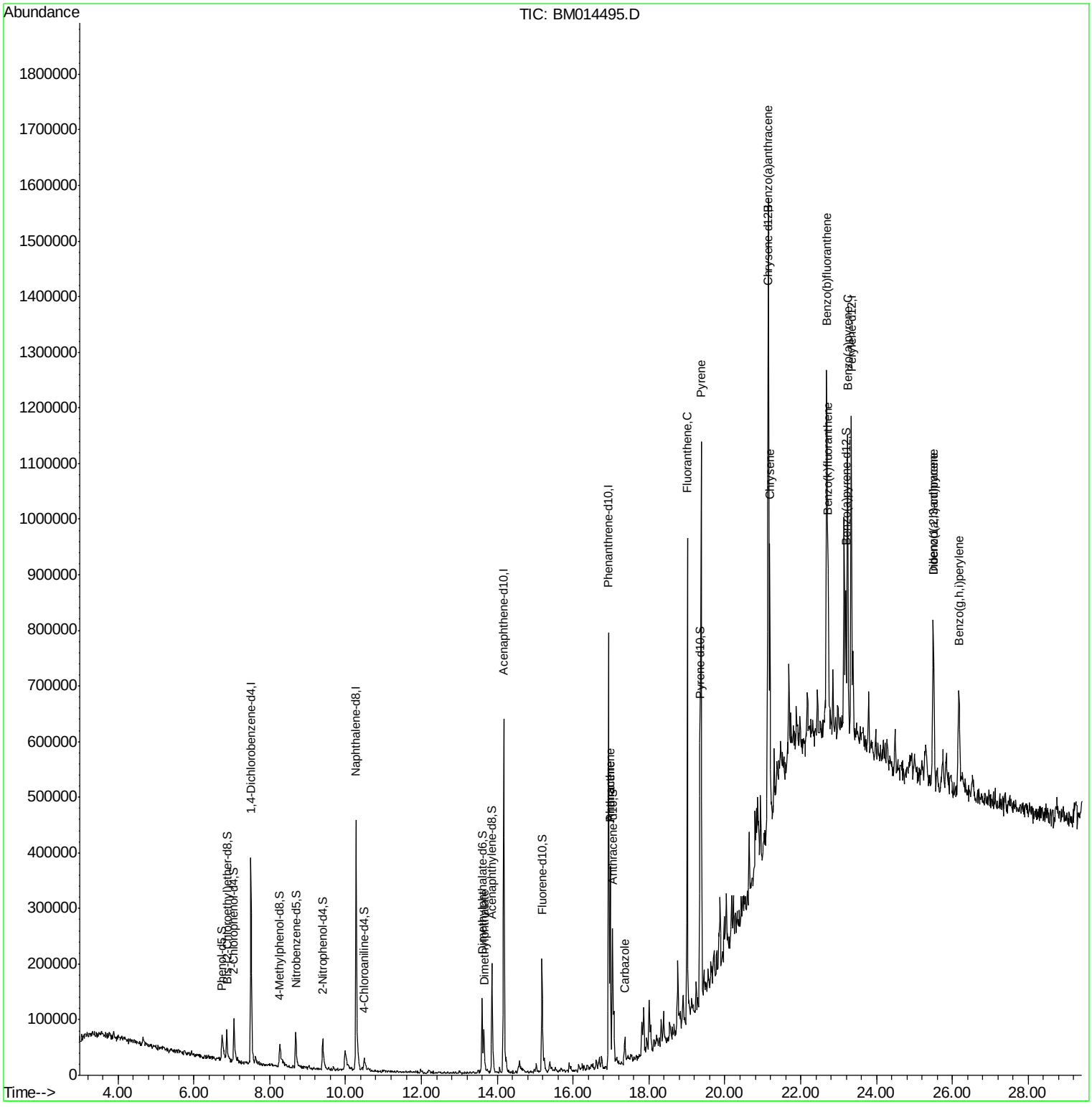
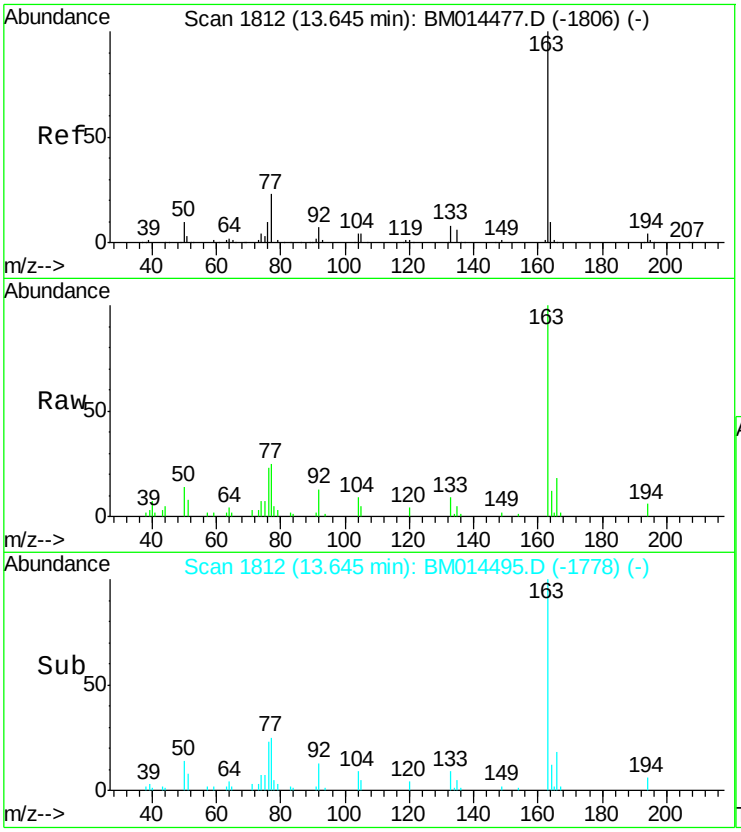
Sample : J1631-09DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 06 13:05:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration



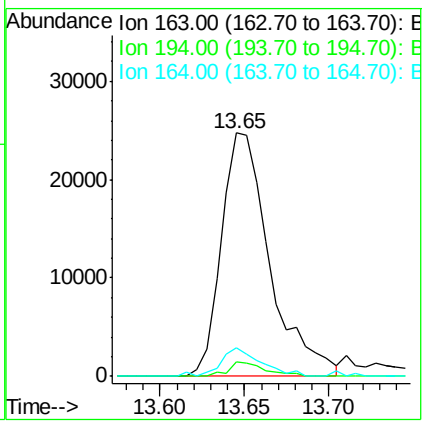


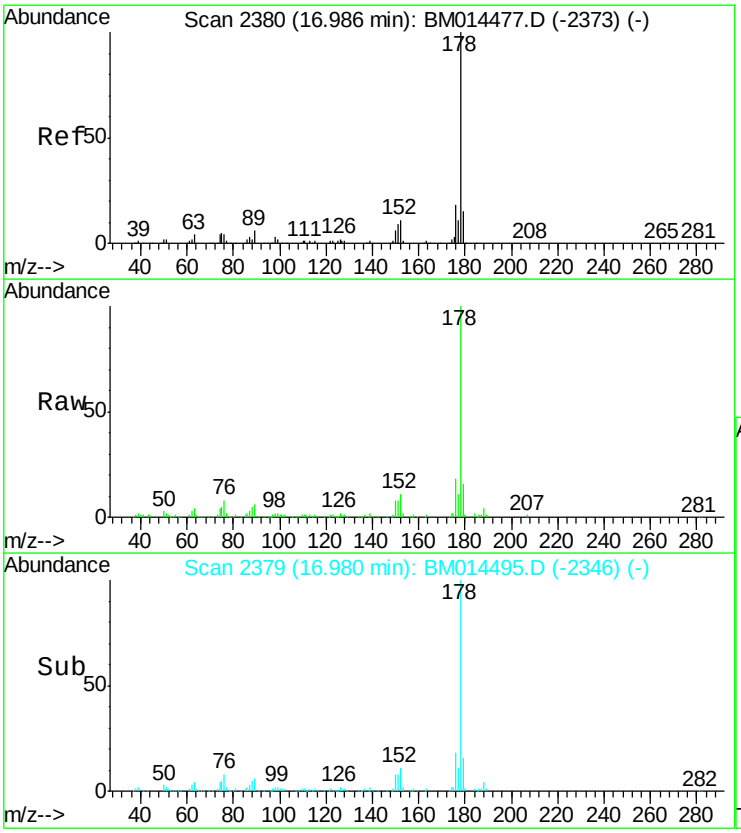
#44
Dimethylphthalate
Concen: 2.912 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 49429

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.5	5.3#
164	11.5	8.2	12.4

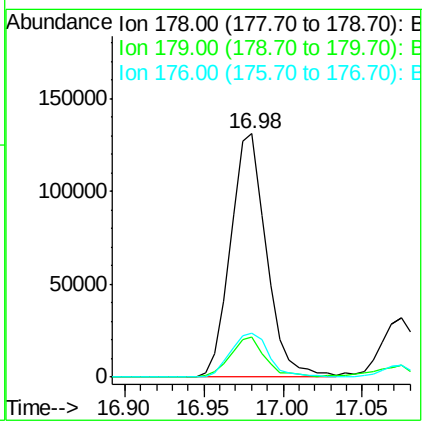


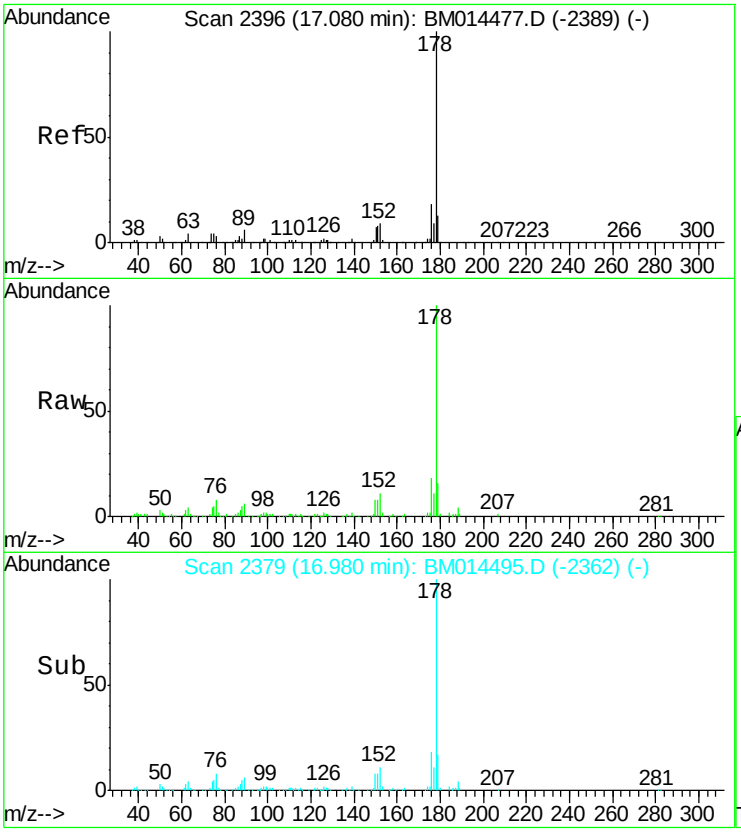


#69
Phenanthrene
Concen: 8.098 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:178 Resp: 205790

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.6	19.0
176	18.3	14.9	22.3



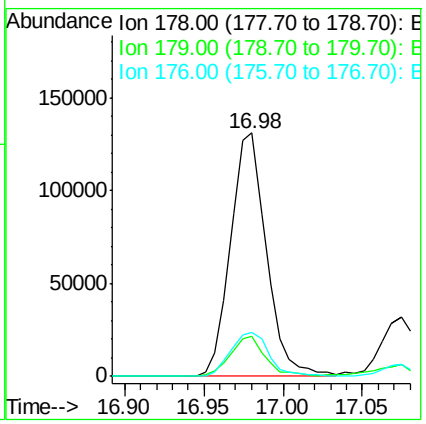


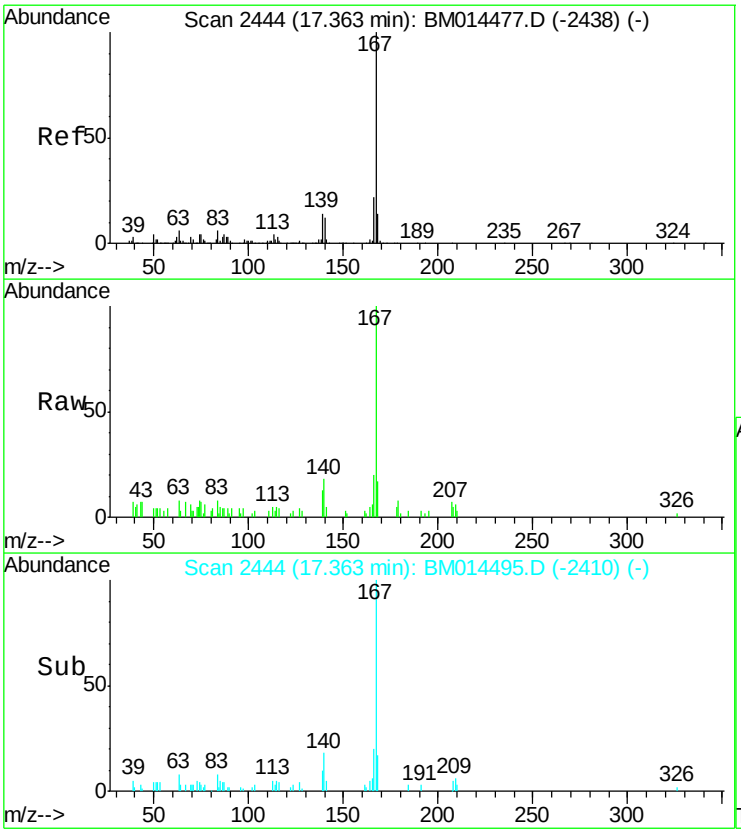
#71
Anthracene
Concen: 8.052 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.10 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 205790

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.7	17.5
176	18.3	14.6	21.8

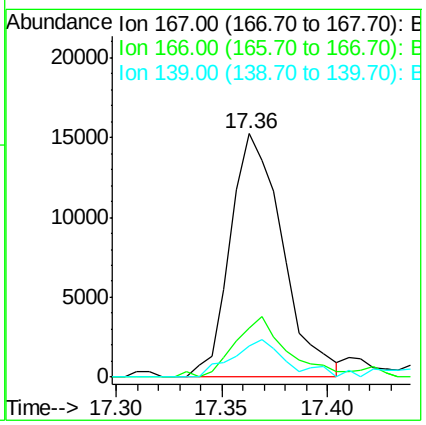


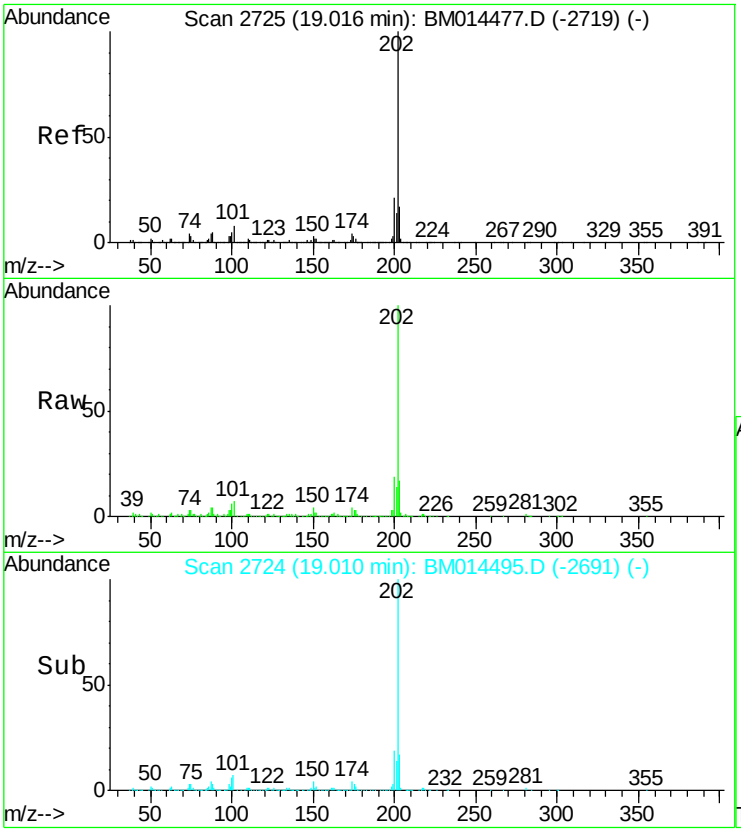


#72
Carbazole
Concen: 1.218 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:167 Resp: 26184

Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.1	25.7
139	12.6	10.0	15.0



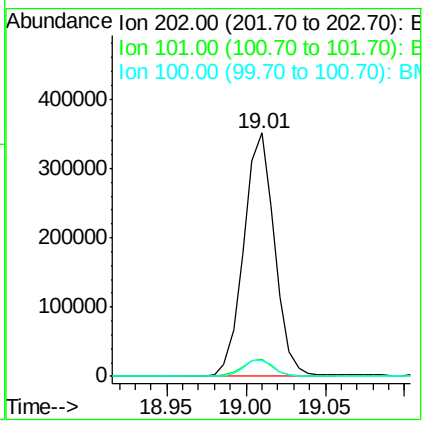


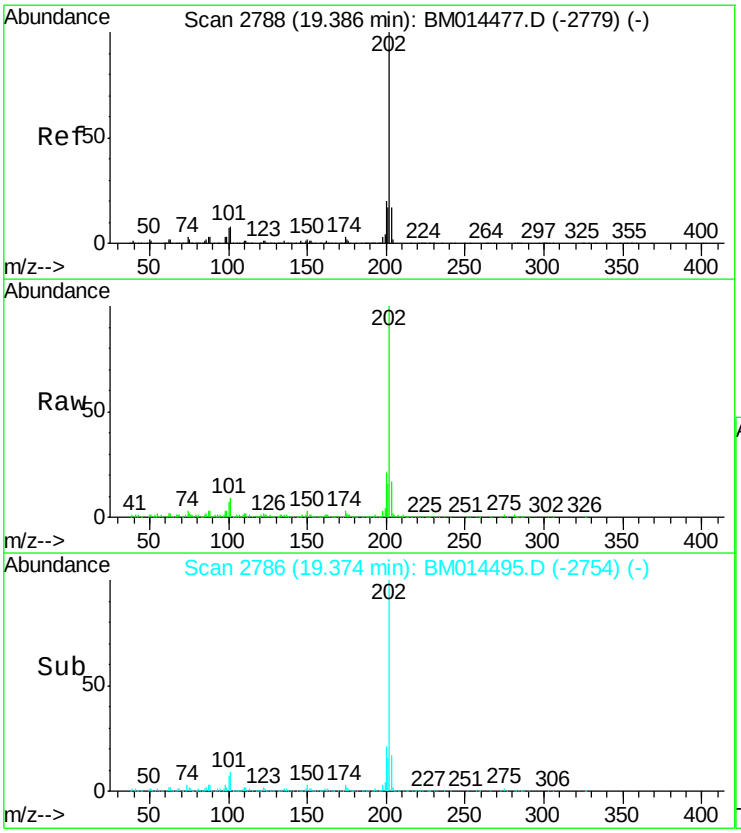
#74
Fluoranthene
Concen: 15.677 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 475997

Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0#
100	6.3	3.4	5.2#

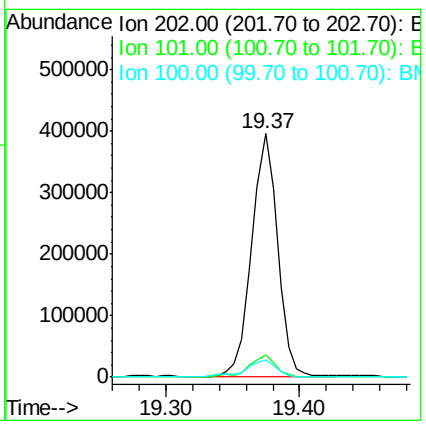


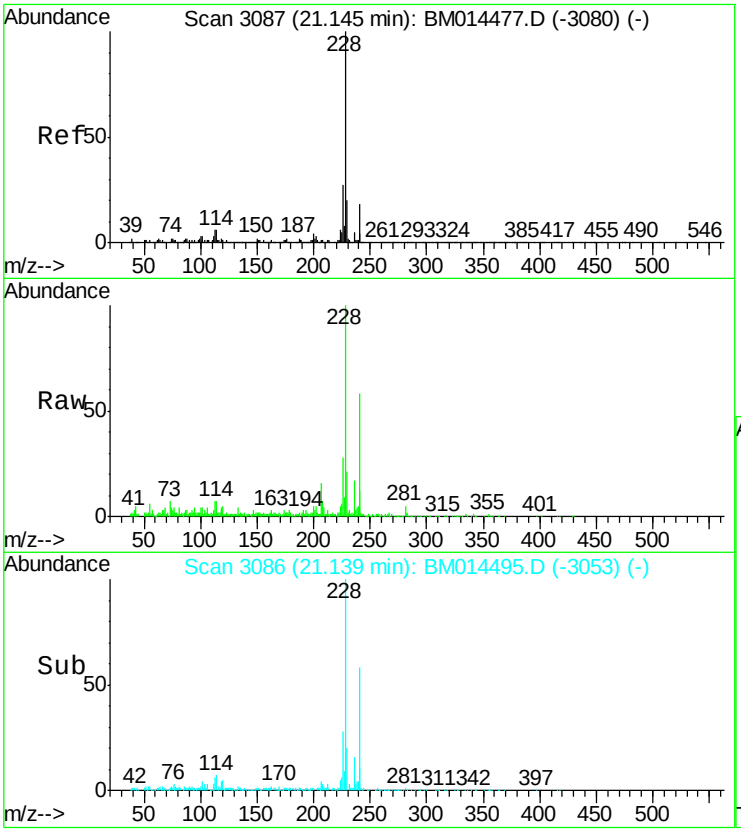


#77
Pyrene
Concen: 19.770 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:202 Resp: 529634

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	7.2	4.9	7.3



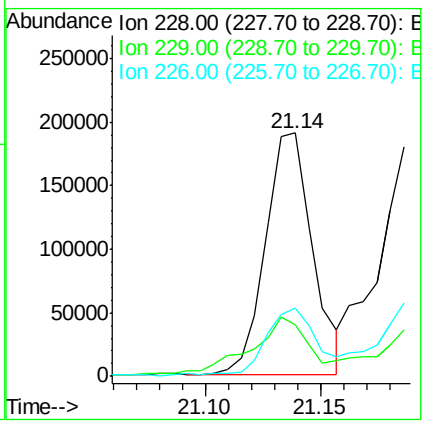


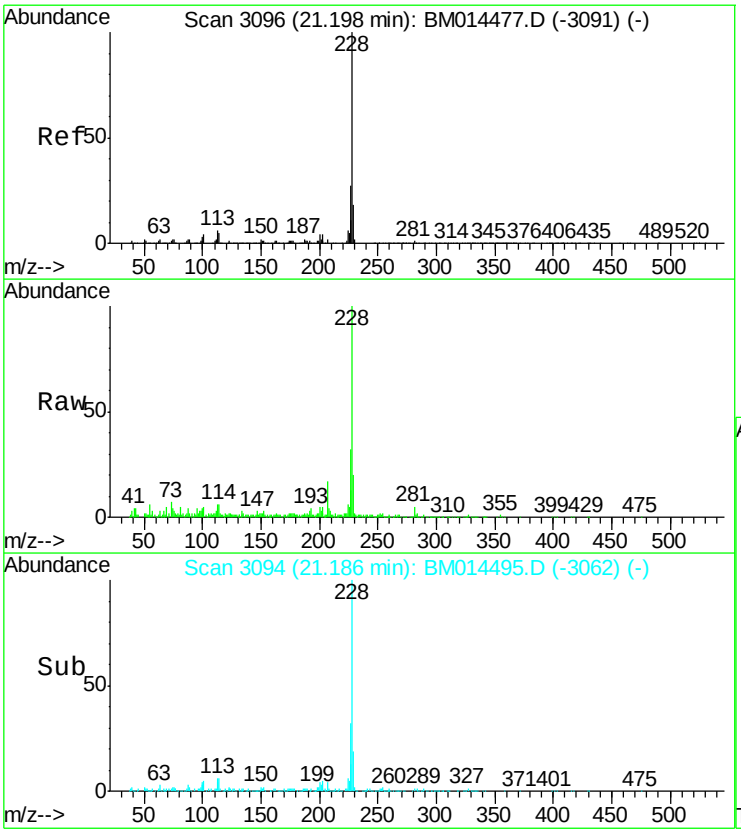
#80
Benzo(a)anthracene
Concen: 10.682 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 268728

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	28.2	21.4	32.0

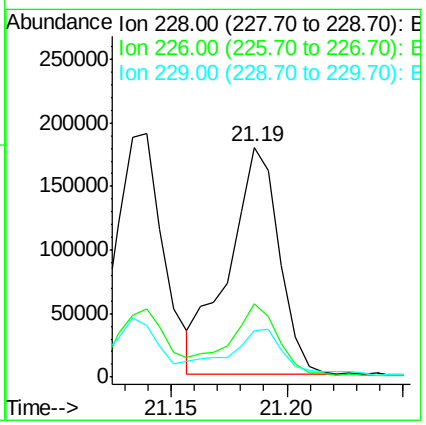


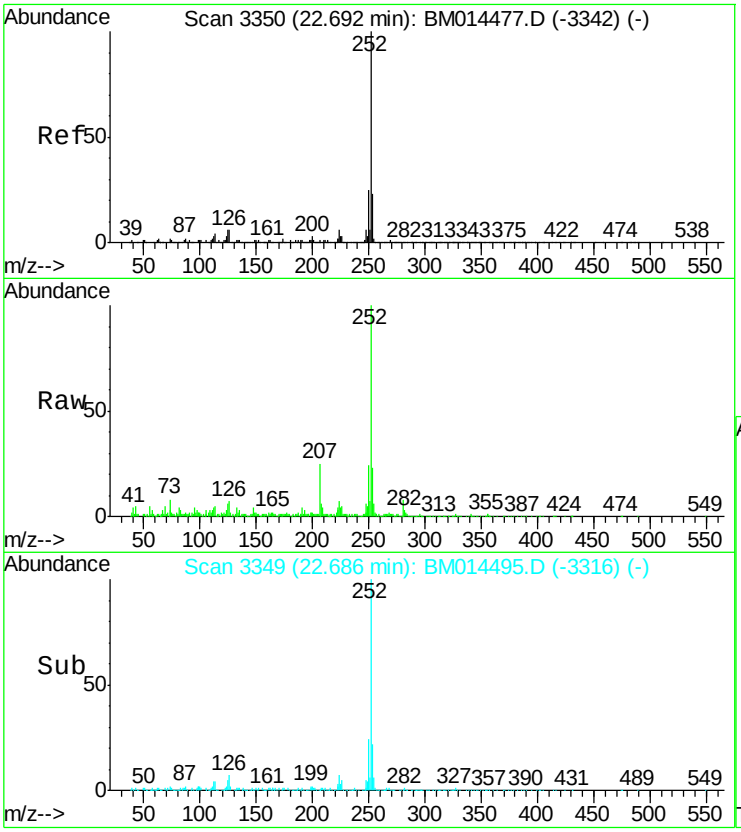


#82
Chrysene
Concen: 11.592 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:228 Resp: 272063

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.4	35.2
229	20.3	15.5	23.3



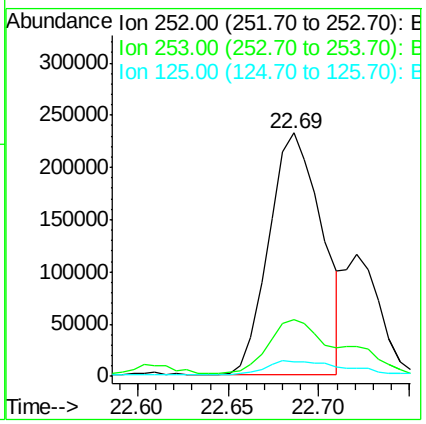


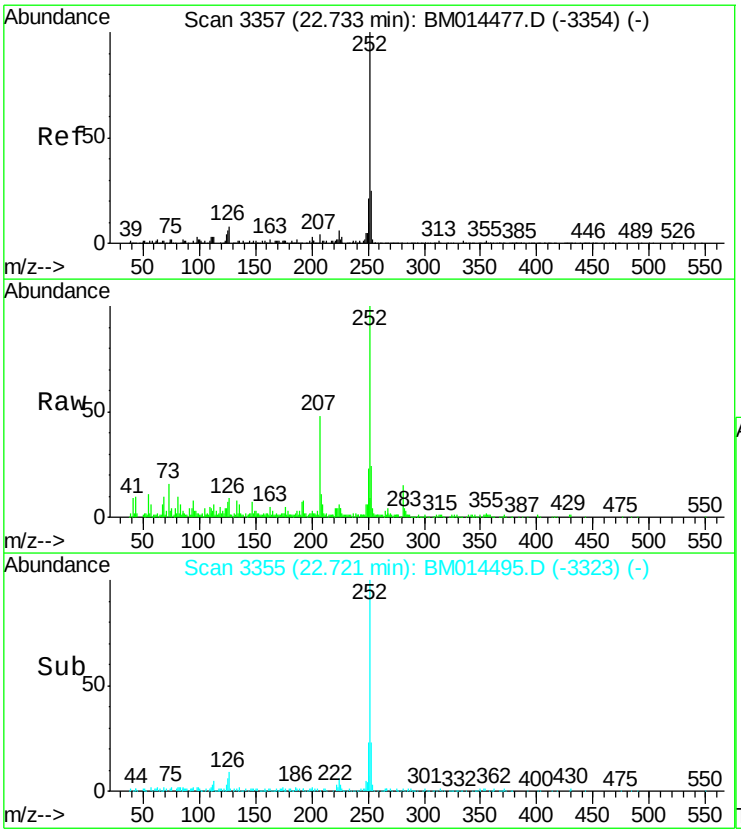
#85
Benzo(b)fluoranthene
Concen: 18.845 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 473598

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	5.9	3.6	5.4#

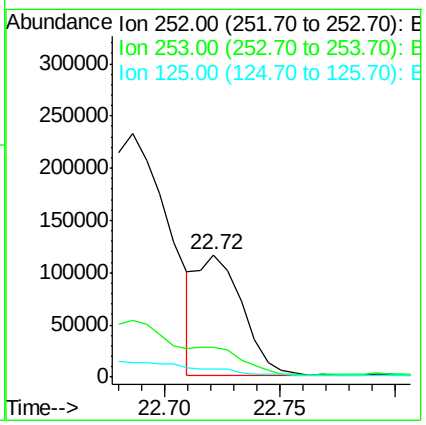


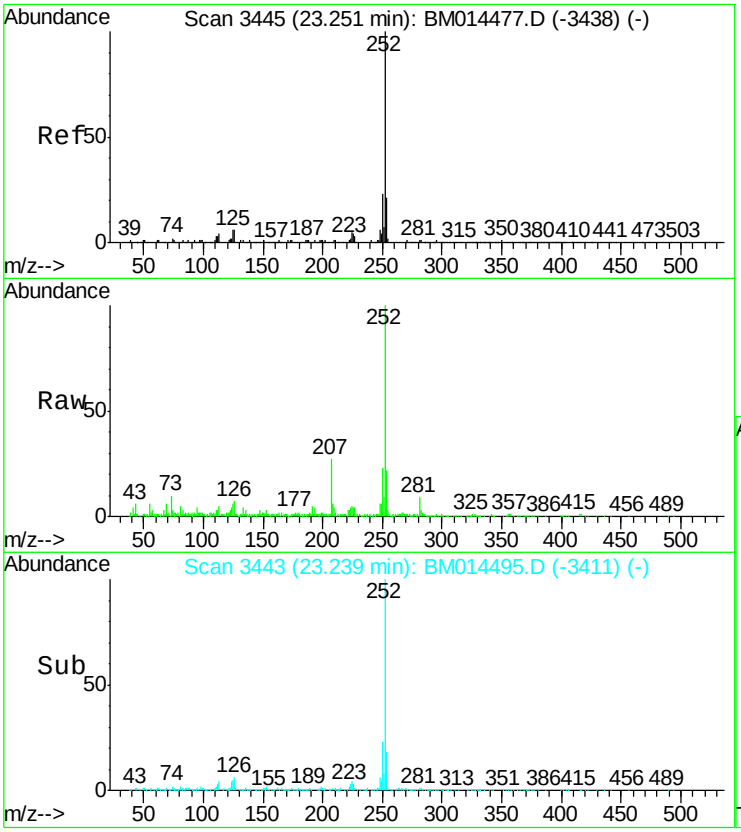


#86
Benzo(k)fluoranthene
Concen: 6.593 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:252 Resp: 157539

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	6.7	3.4	5.2#



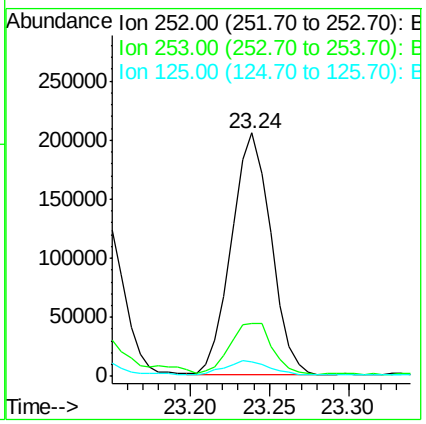


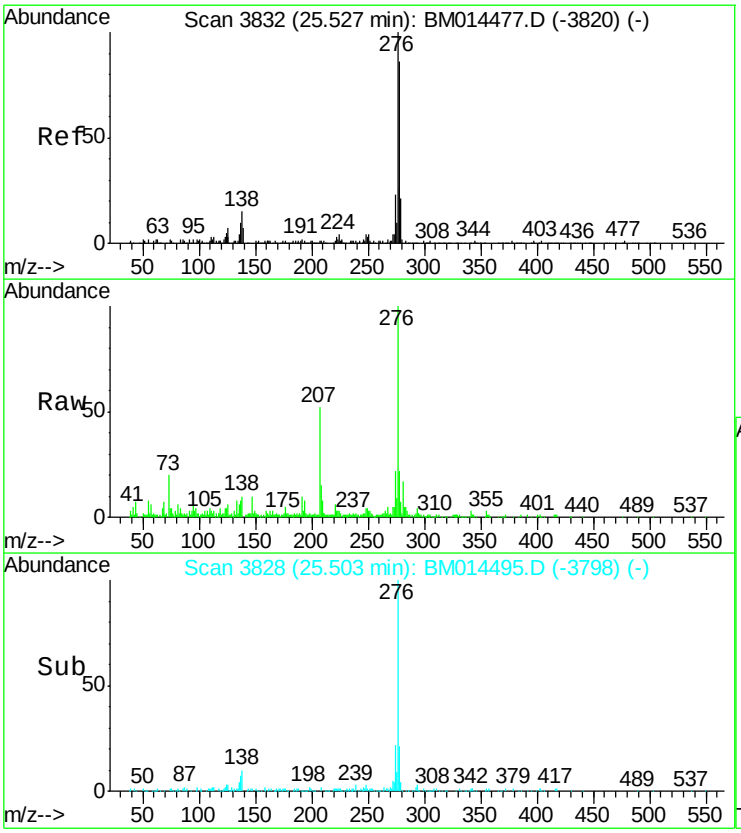
#88
Benzo(a)pyrene
Concen: 15.855 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 356048

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	6.2	4.0	6.0#

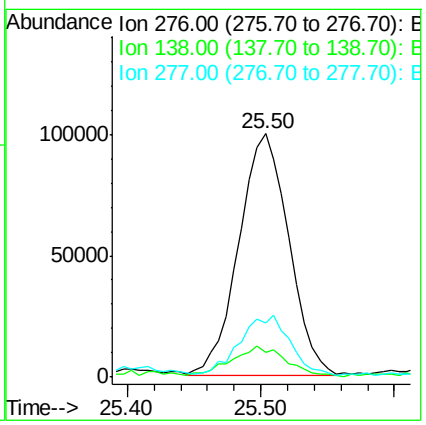


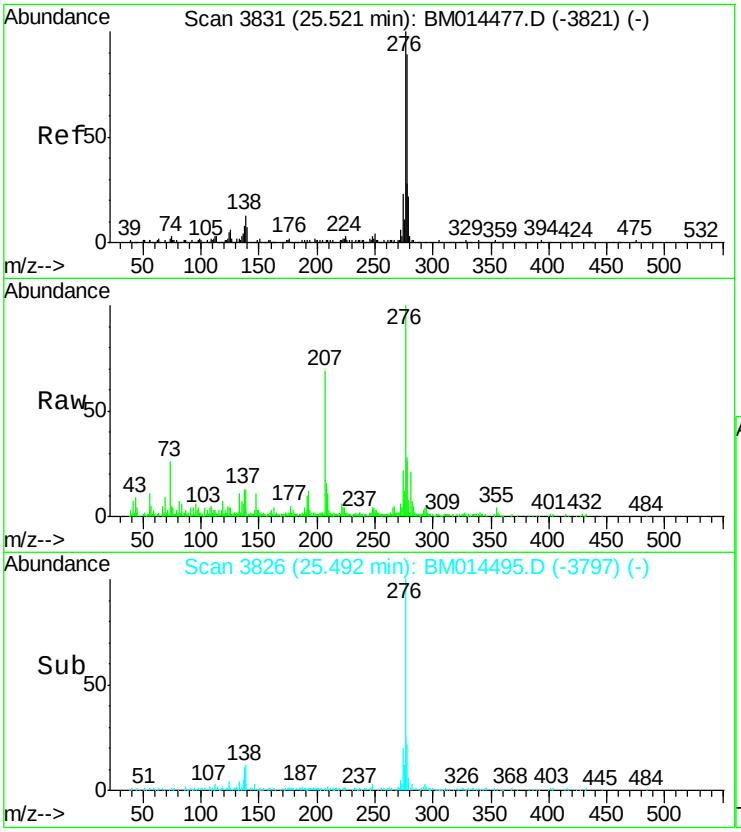


#89
Indeno(1,2,3-cd)pyrene
Concen: 11.821 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. -0.02 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:276 Resp: 257598

Ion	Ratio	Lower	Upper
276	100		
138	10.1	9.3	13.9
277	22.5	19.9	29.9



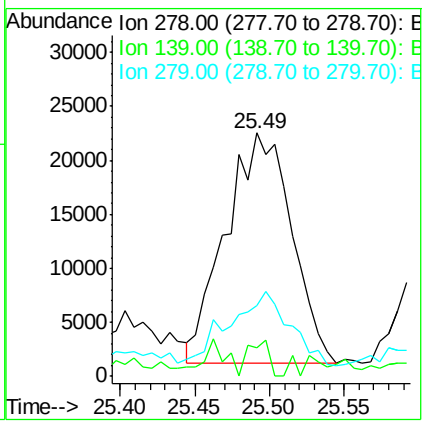


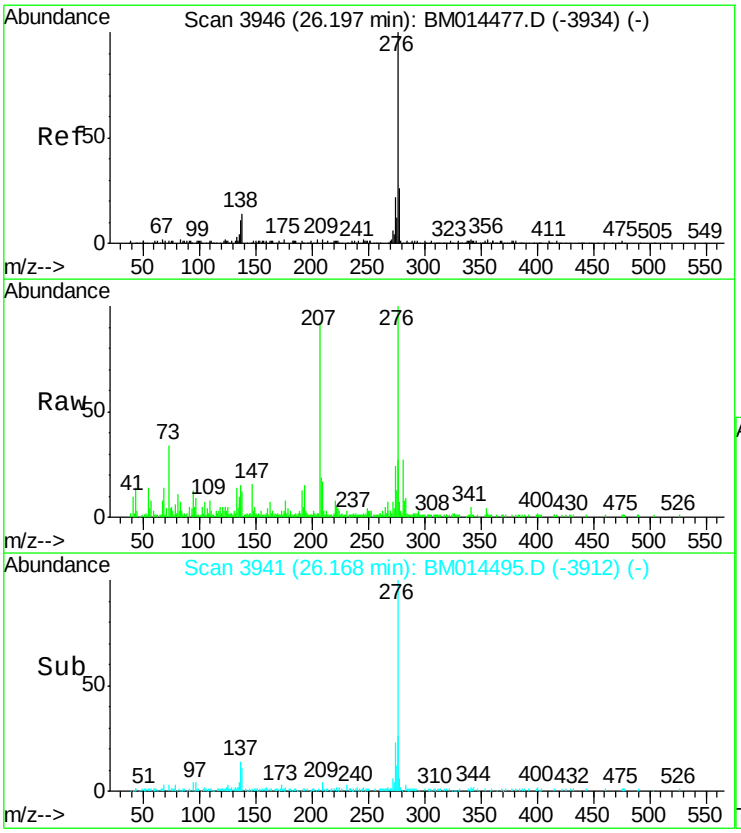
#90
Dibenzo(a,h)anthracene
Concen: 3.625 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. -0.03 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 65638

Ion	Ratio	Lower	Upper
278	100		
139	11.7	5.8	8.8#
279	28.9	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 10.839 ng/ul
RT: 26.17 min Scan# 3941
Delta R.T. -0.03 min
Lab File: BM014495.D
Acq: 06 Mar 2018 11:30

Tgt Ion:276 Resp: 191347

Ion	Ratio	Lower	Upper
276	100		
138	12.2	8.5	12.7
277	27.2	18.6	28.0