Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014475.D
Acq On : 05 Mar 2018 16:24
Operator : SJ/JU
Sample : J1678-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 05 23:00:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	99667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	397923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	209778	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	408120	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	362805	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	359720	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1743	0.75	ng/uL	0.00
5) Phenol-d5	6.75	99	44489	5.28	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	27996	5.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	37636	5.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	31939	4.33	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	17818	6.06	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	21011	6.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	24427	3.87	ng/ul	0.03
29) 4-Chloroaniline-d4	10.47	131	24457	3.94	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	117688	6.79	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	152339	7.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	2814	1.18	ng/ul	0.03
57) Fluorene-d10	15.19	176	102561	6.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	1755	0.72	ng/ul	0.02
70) Anthracene-d10	17.04	188	133926	6.80	ng/ul	0.00
76) Pyrene-d10	19.36	212	142989	7.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	358330	20.47	ng/ul	0.14
Target Compounds						Qvalue
28) Naphthalene	10.34	128	42457	2.077	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	24382	1.567	ng/ul#	80
44) Dimethylphthalate	13.65	163	30810	1.804	ng/ul#	96
47) Acenaphthylene	13.90	152	27152	1.345	ng/ul	95
49) Acenaphthene	14.24	153	36520	2.569	ng/ul	92
58) Fluorene	15.25	166	47670	2.590	ng/ul	91
69) Phenanthrene	16.99	178	802413	34.125	ng/ul	99
71) Anthracene	16.99	178	802413	33.932	ng/ul	99
72) Carbazole	17.37	167	50063	2.518	ng/ul#	85
74) Fluoranthene	19.02	202	898134	31.970	ng/ul#	96
77) Pyrene	19.39	202	924245	38.333	ng/ul	97
80) Benzo(a)anthracene	21.14	228	461322	20.374	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.14	149	16776	1.175	ng/ul	97
82) Chrysene	21.20	228	441423	20.898	ng/ul	95
85) Benzo(b)fluoranthene	22.70	252	525098	21.801	ng/ul#	97
86) Benzo(k)fluoranthene	22.70	252	525098	22.930	ng/ul#	95
88) Benzo(a)pyrene	23.25	252	377438	17.536	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.52	276	230690	11.045	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.52	278	52000	2.996	ng/ul#	88
91) Benzo(g,h,i)perylene	26.20	276	201125	11.887	ng/ul#	95

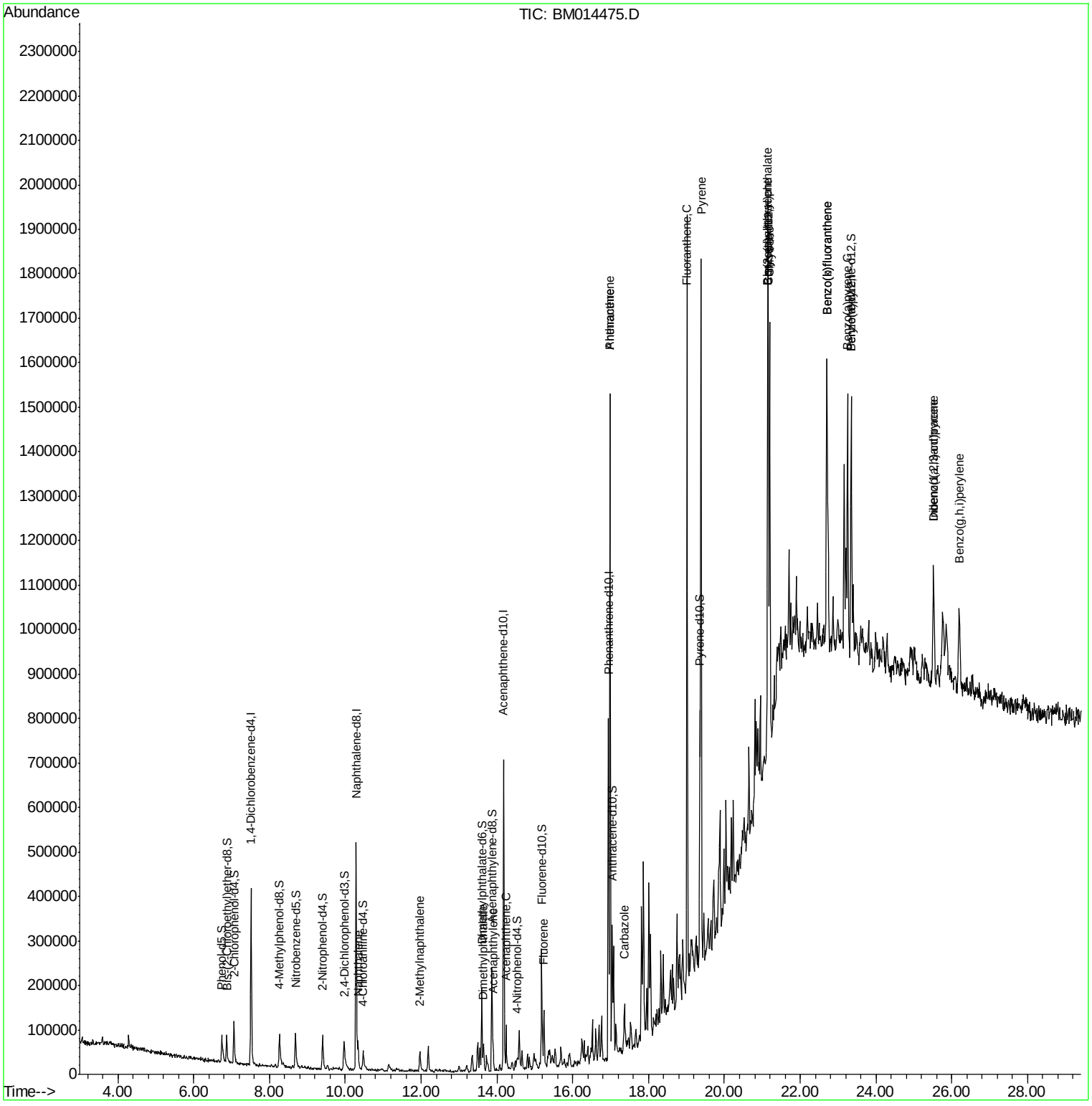
(#) = qualifier out of range (m) = manual integration (+) = signals summed

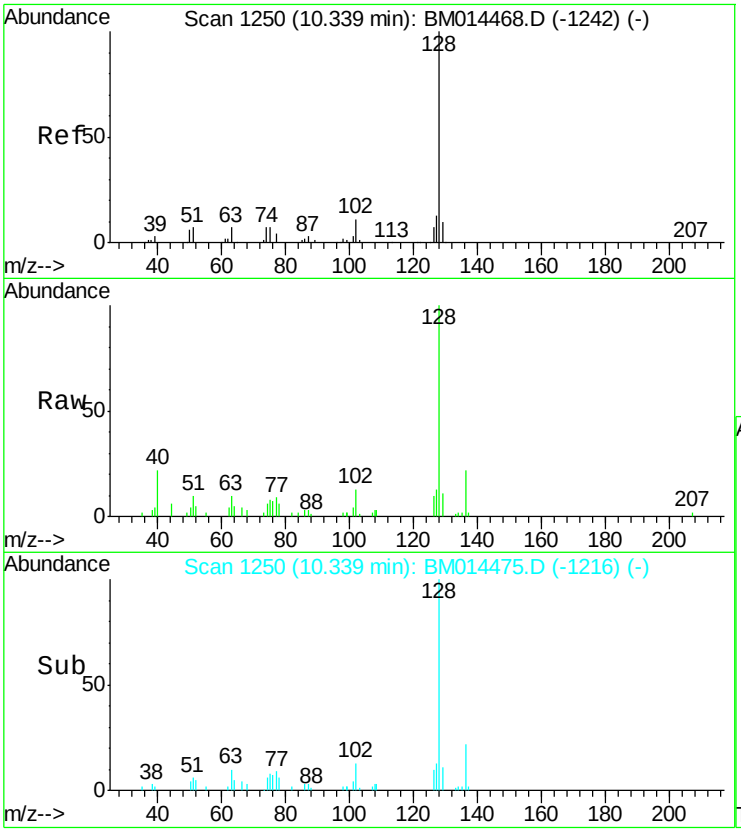
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014475.D
Acq On : 05 Mar 2018 16:24
Operator : SJ/JU
Sample : J1678-05 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 05 23:00:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration



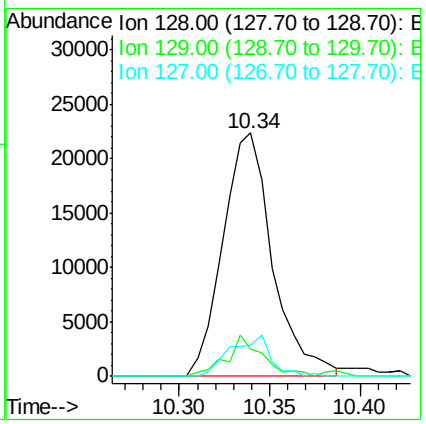


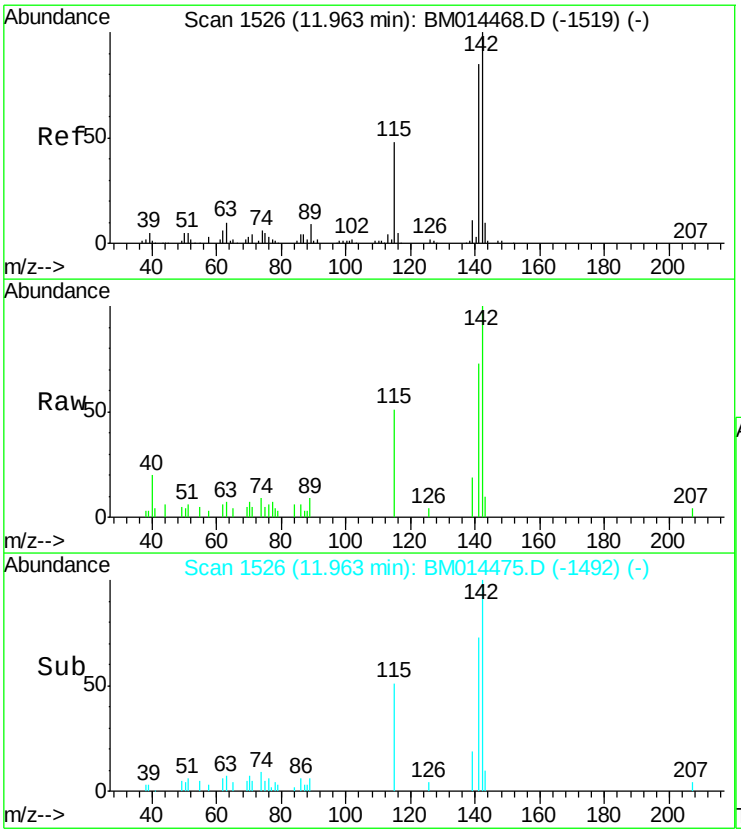
#28
Naphthalene
Concen: 2.077 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 42457

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.0	10.6	16.0

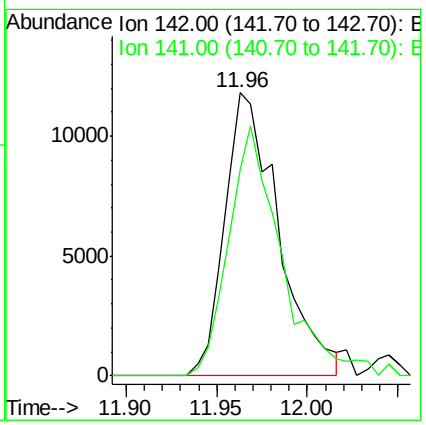


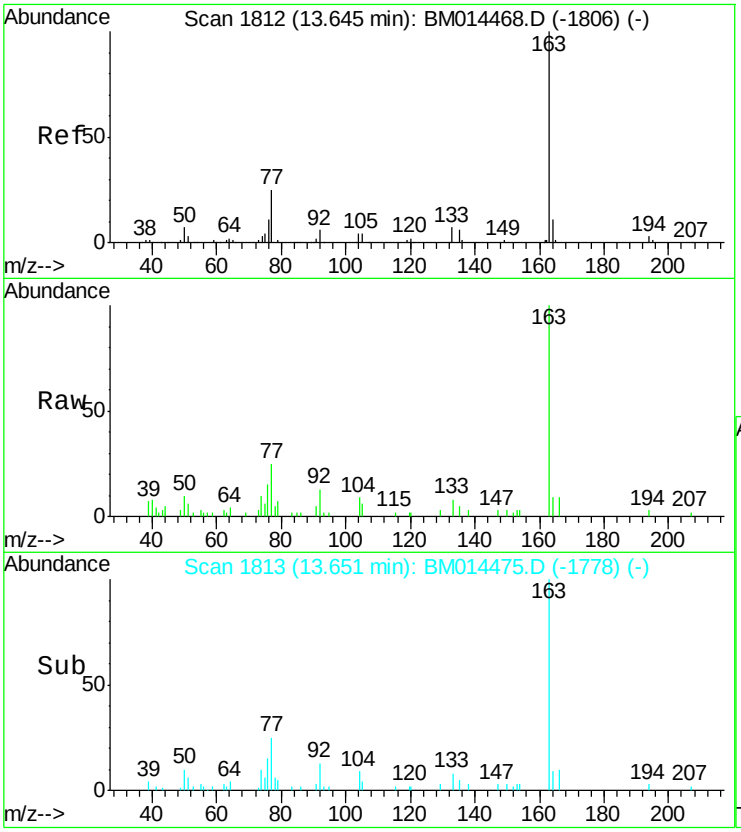


#34
2-Methylnaphthalene
Concen: 1.567 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:142 Resp: 24382

Ion	Ratio	Lower	Upper
142	100		
141	73.2	74.1	111.1#



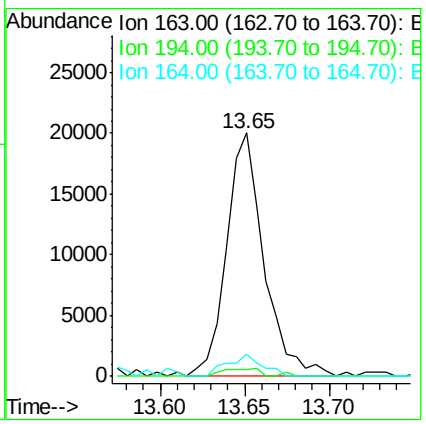


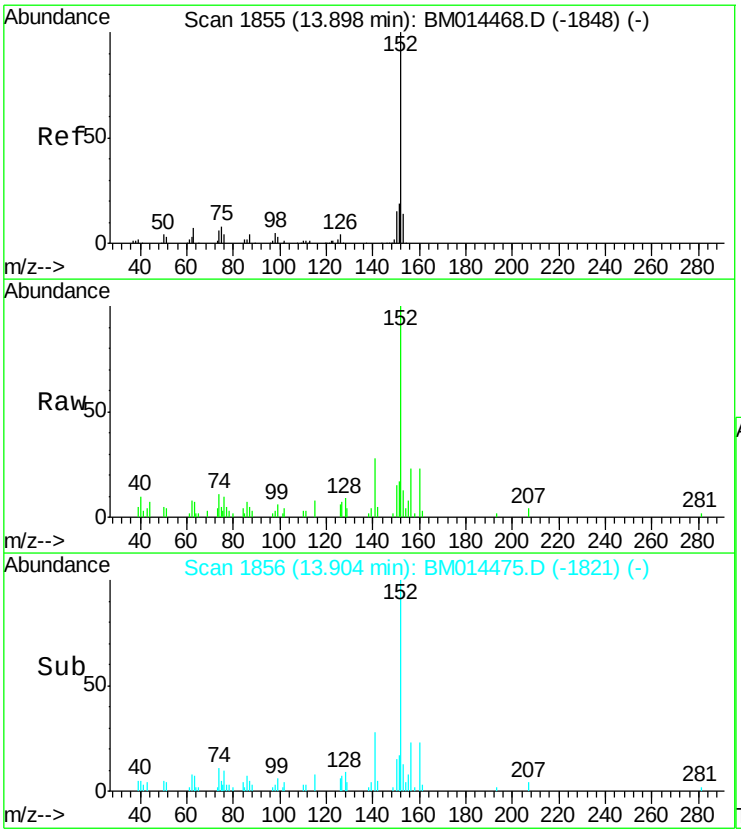
#44
Dimethylphthalate
Concen: 1.804 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 30810

Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.5	5.3#
164	9.2	8.2	12.4

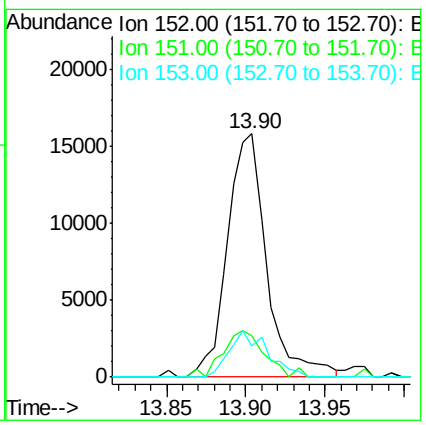


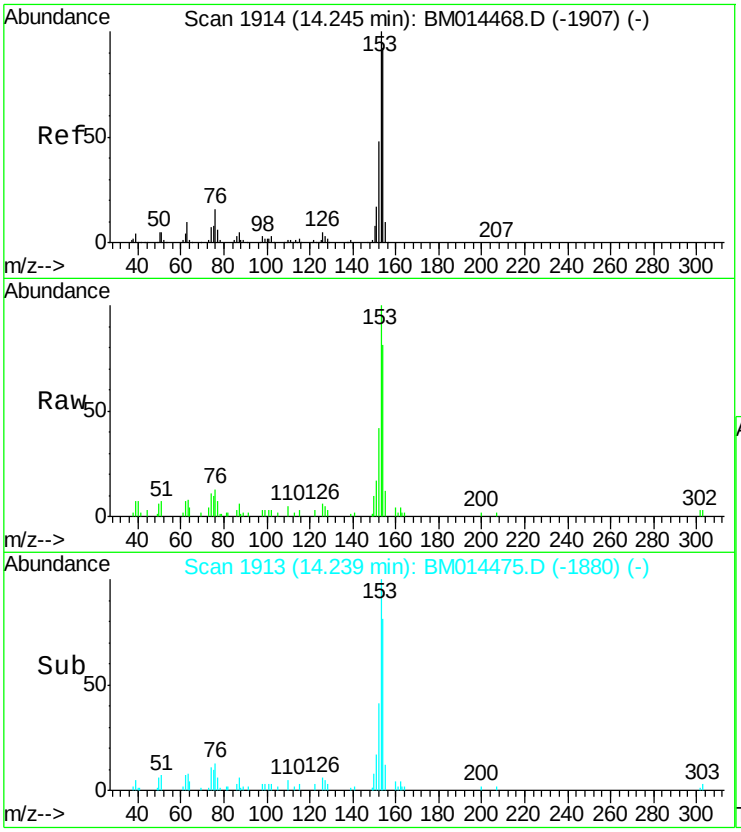


#47
Acenaphthylene
Concen: 1.345 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:152 Resp: 27152

Ion	Ratio	Lower	Upper
152	100		
151	17.1	16.3	24.5
153	13.0	10.2	15.4



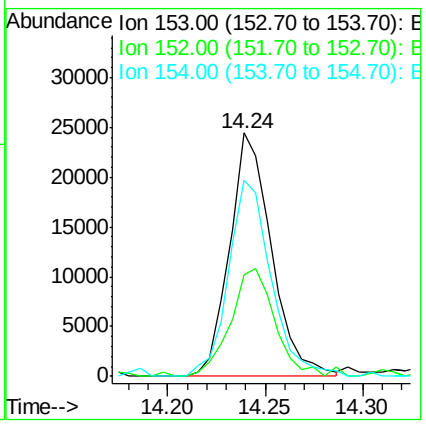


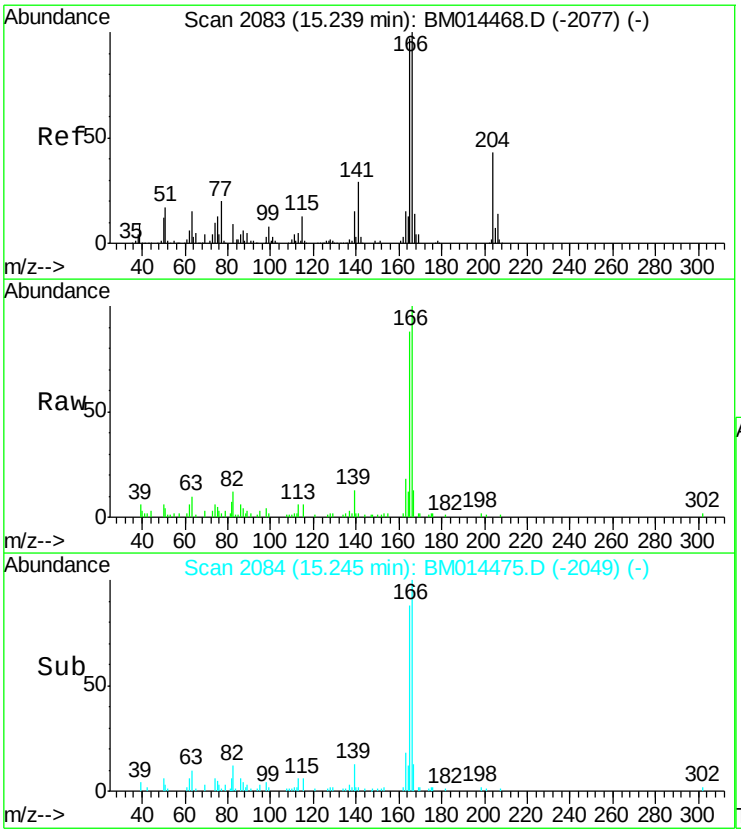
#49
Acenaphthene
Concen: 2.569 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 36520

Ion	Ratio	Lower	Upper
153	100		
152	41.9	37.6	56.4
154	80.7	70.4	105.6

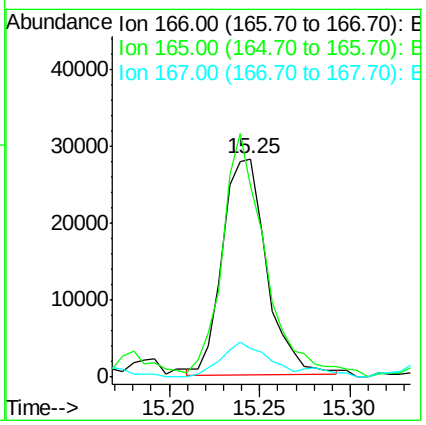


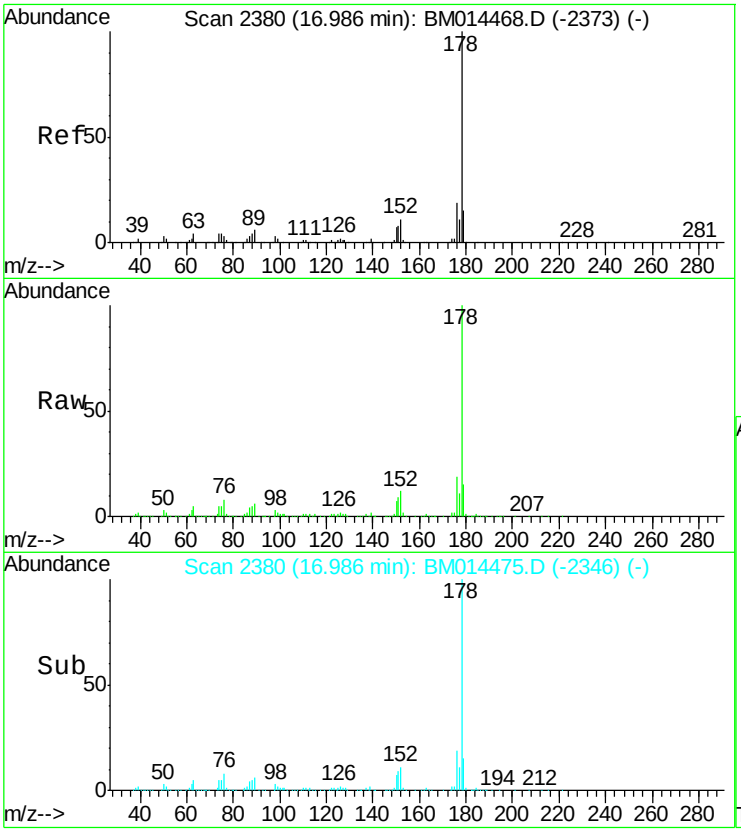


#58
Fluorene
Concen: 2.590 ng/ul
RT: 15.25 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:166 Resp: 47670

Ion	Ratio	Lower	Upper
166	100		
165	87.7	77.9	116.9
167	13.1	10.6	16.0



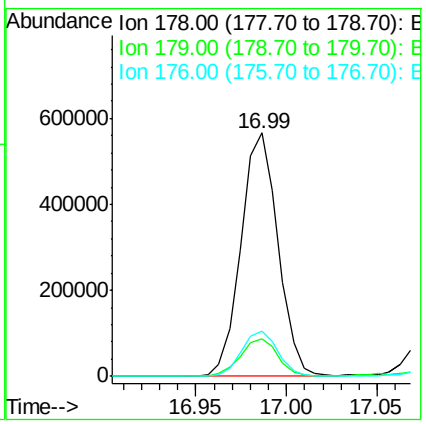


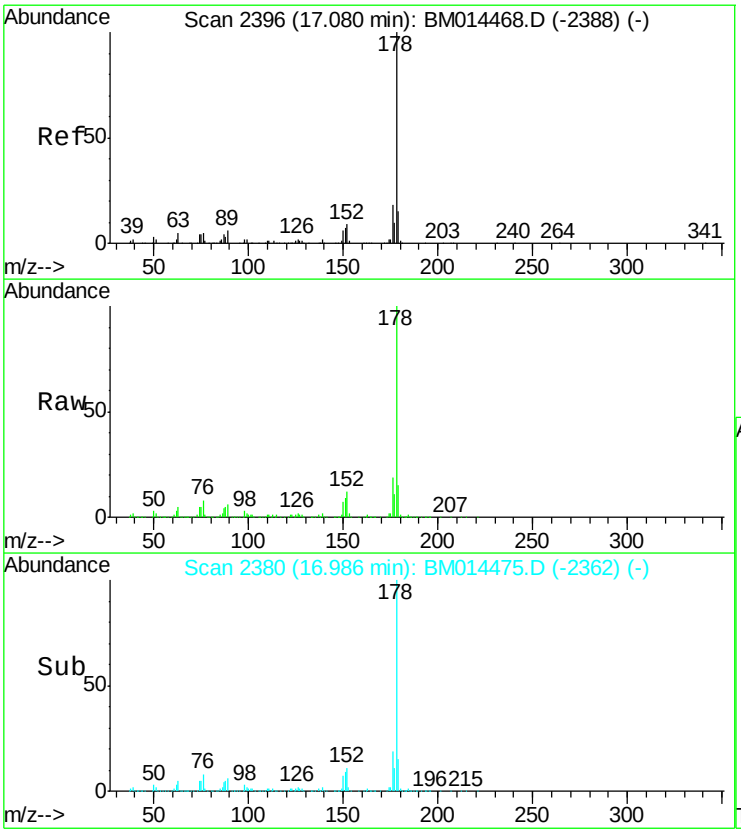
#69
Phenanthrene
Concen: 34.125 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 802413

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.7	14.9	22.3

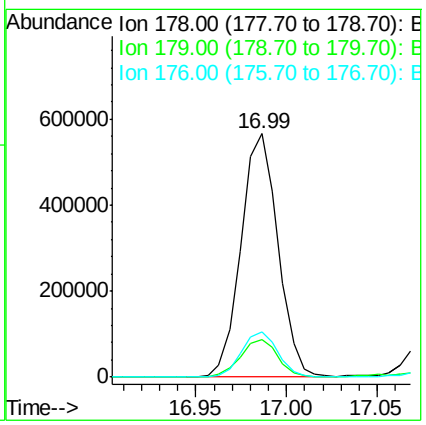


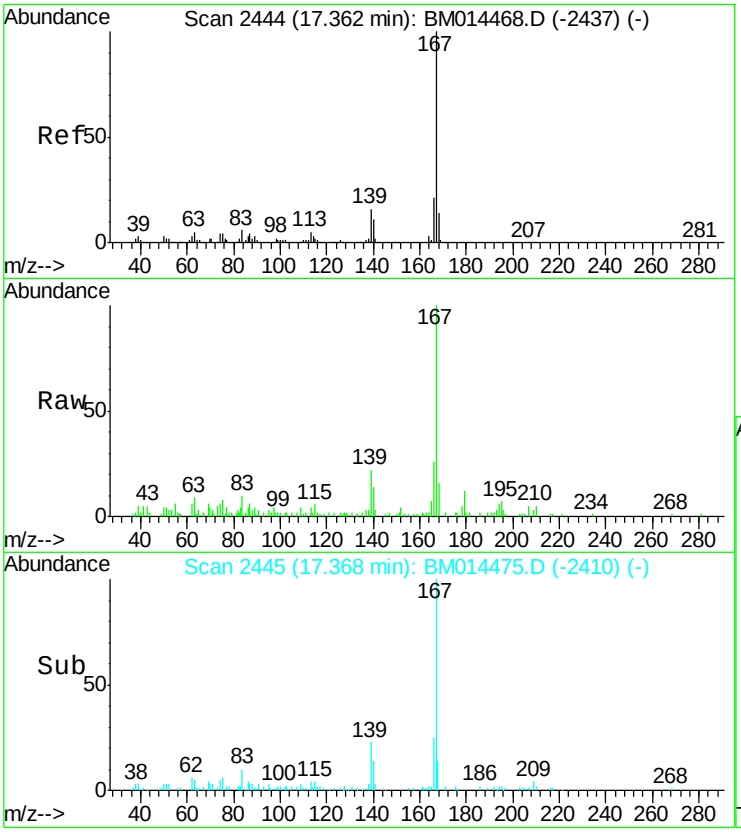


#71
Anthracene
Concen: 33.932 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. -0.09 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:178 Resp: 802413

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.7	14.6	21.8



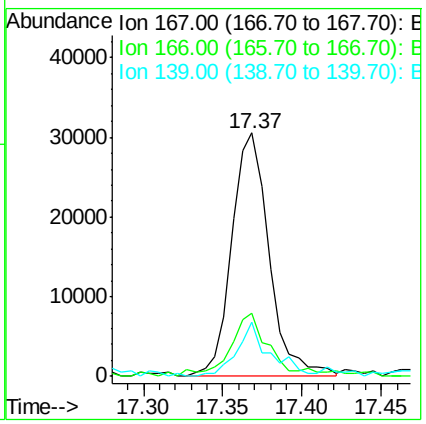


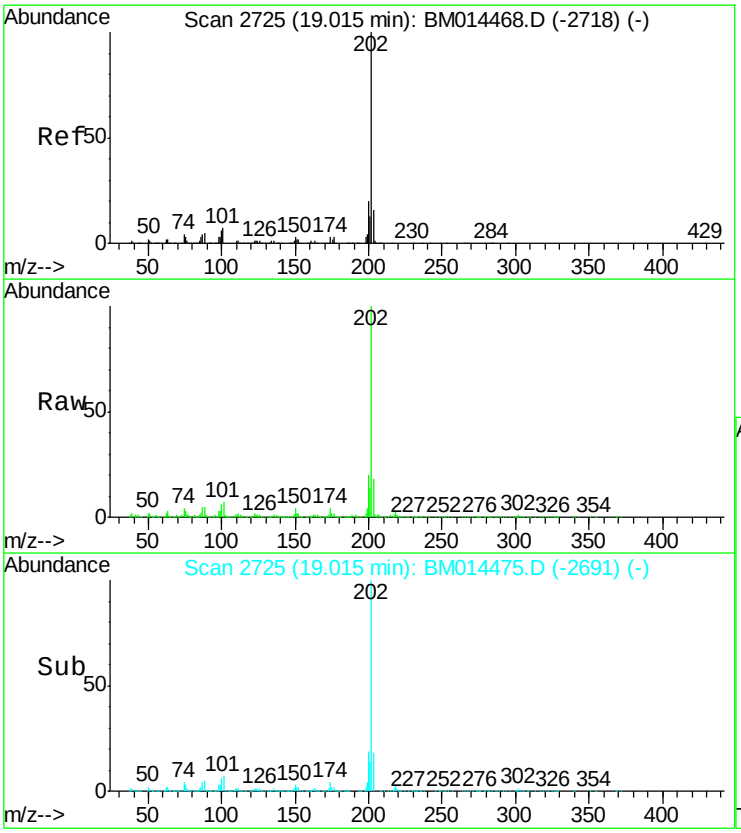
#72
Carbazole
Concen: 2.518 ng/ul
RT: 17.37 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 50063

Ion	Ratio	Lower	Upper
167	100		
166	25.9	17.1	25.7#
139	22.1	10.0	15.0#

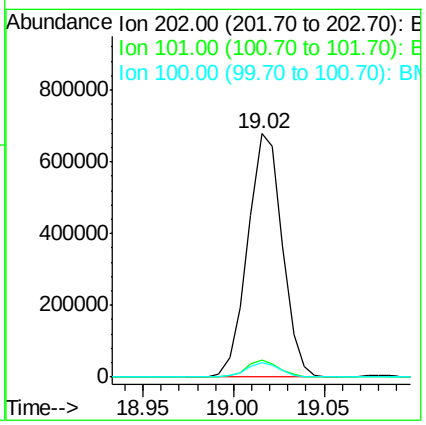


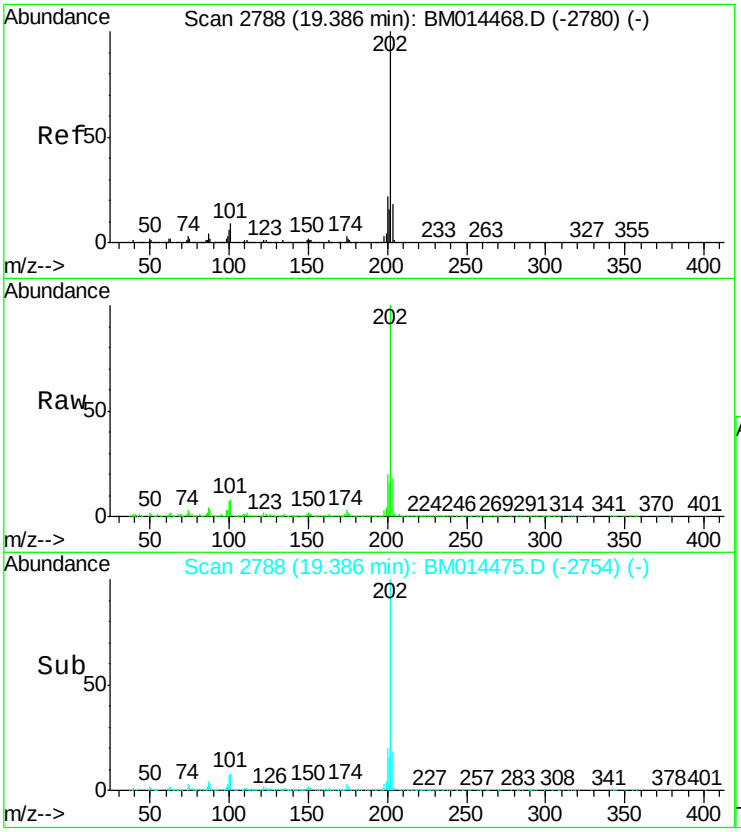


#74
Fluoranthene
Concen: 31.970 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:202 Resp: 898134

Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0
100	5.8	3.4	5.2#



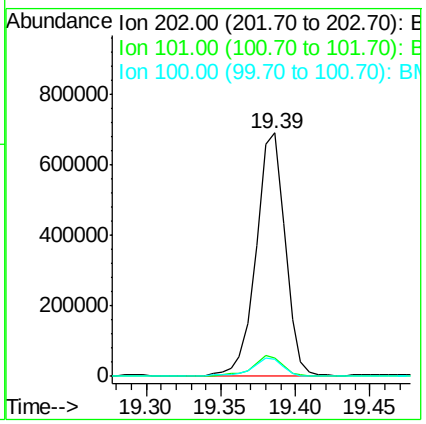


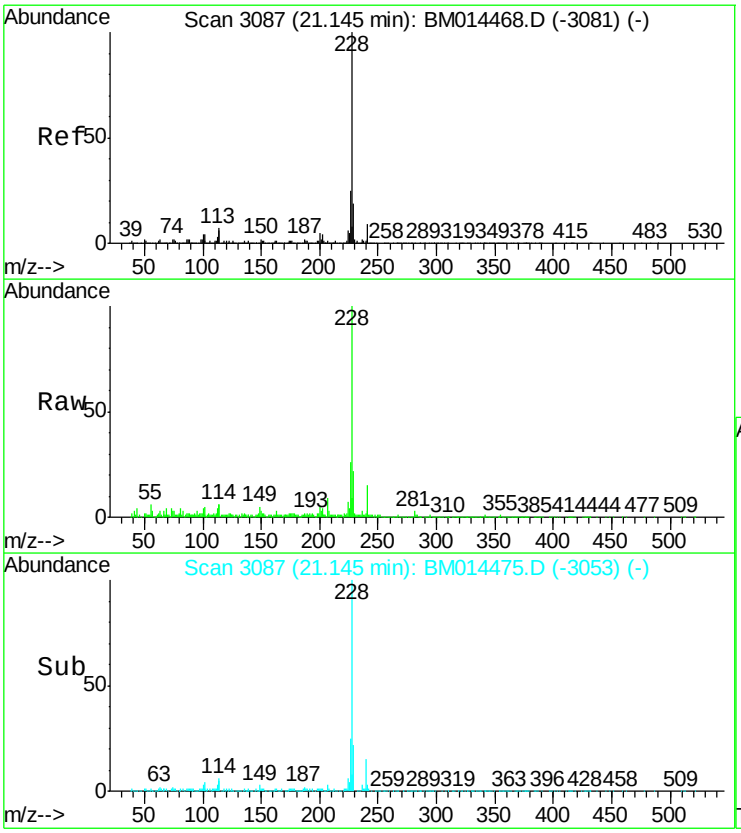
#77
Pyrene
Concen: 38.333 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 924245

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

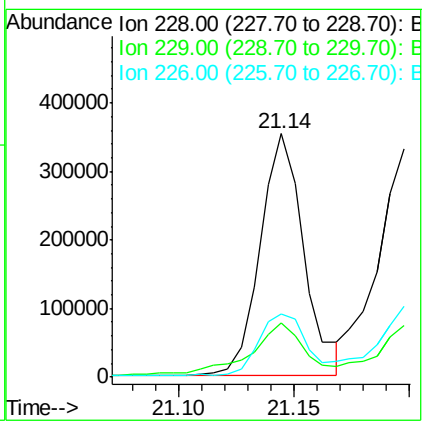


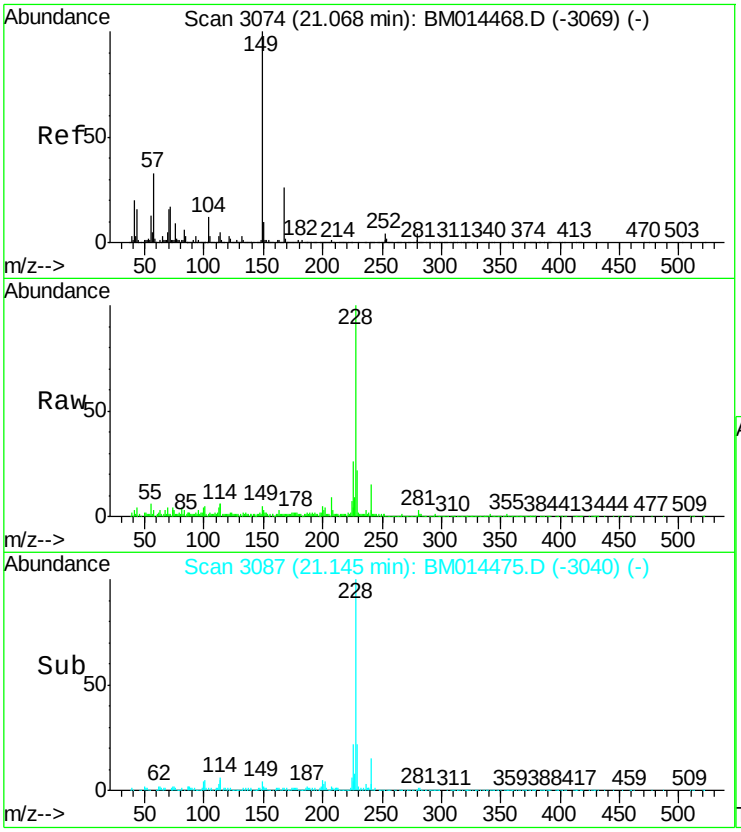


#80
Benzo(a)anthracene
Concen: 20.374 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:228 Resp: 461322

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.0
226	25.9	21.4	32.0



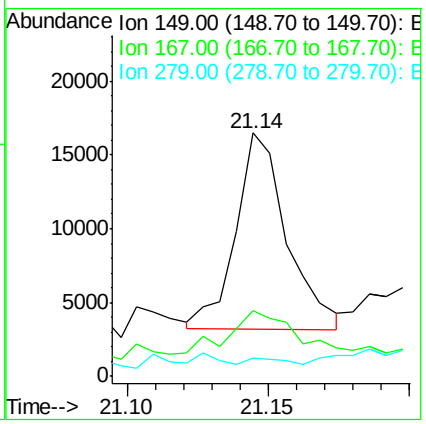


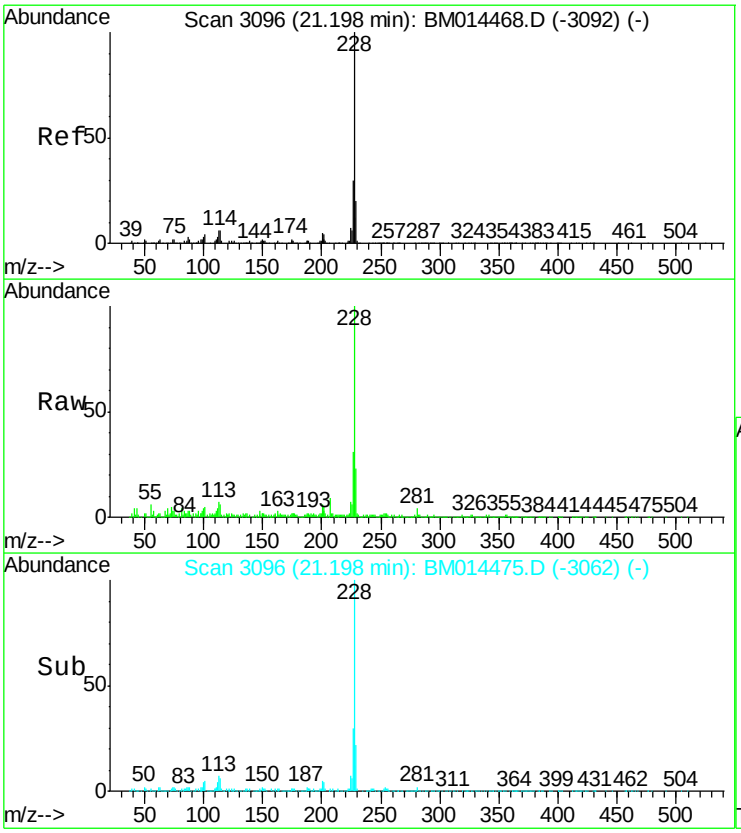
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.175 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.08 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 16776

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.8	34.2
279	7.3	4.9	7.3

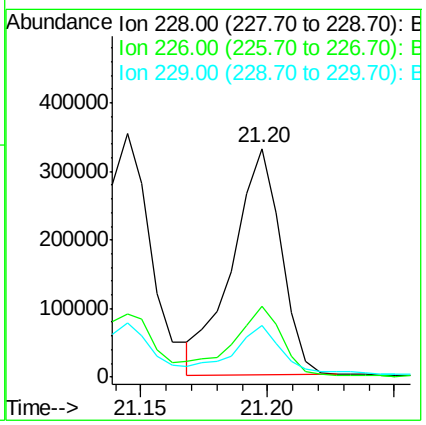


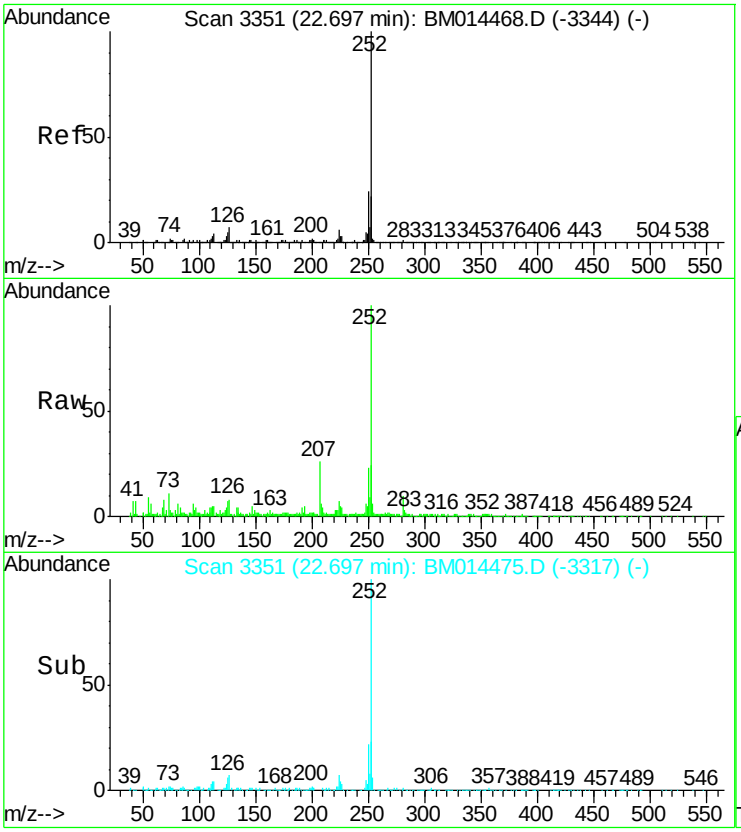


#82
Chrysene
Concen: 20.898 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:228 Resp: 441423

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.6	15.5	23.3



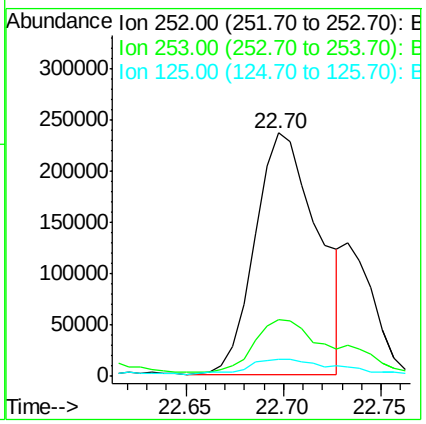


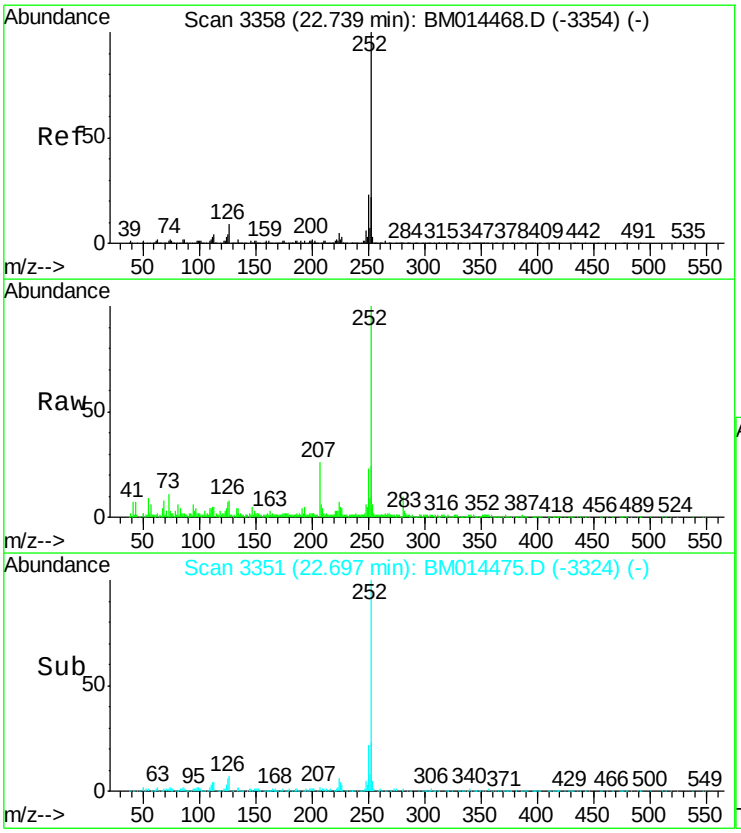
#85
Benzo(b)fluoranthene
Concen: 21.801 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 525098

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	7.0	3.6	5.4#

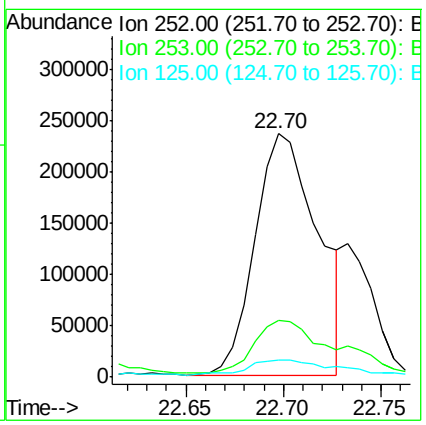


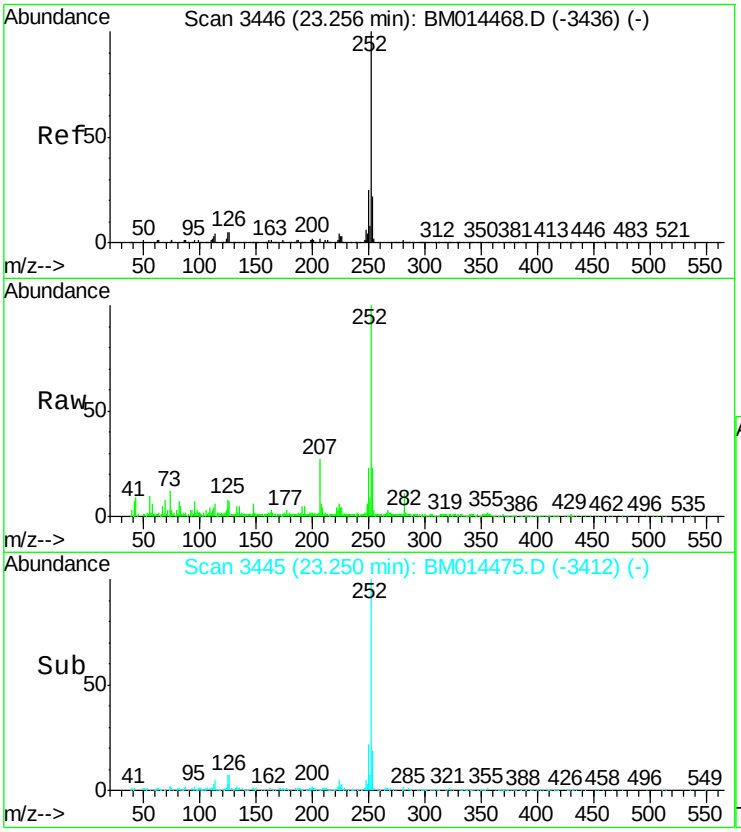


#86
Benzo(k)fluoranthene
Concen: 22.930 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.04 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:252 Resp: 525098

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	7.0	3.4	5.2#



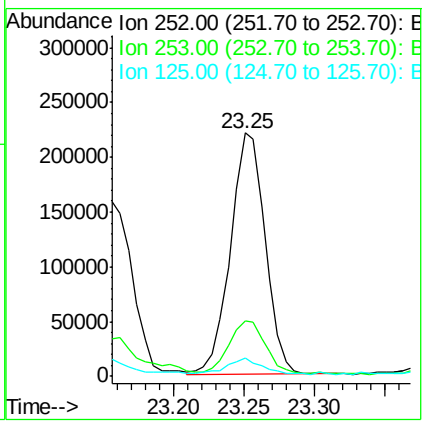


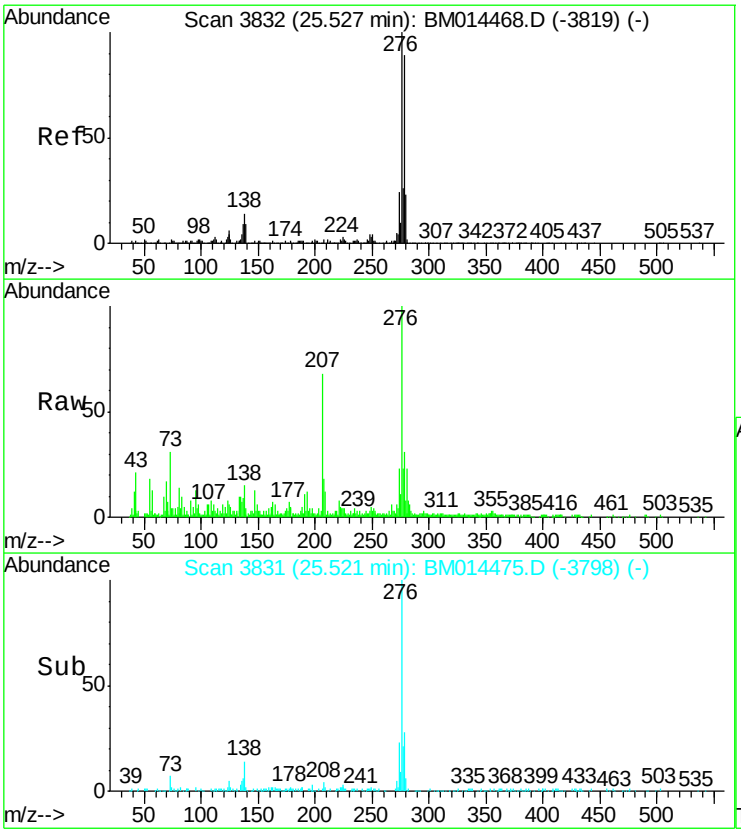
#88
Benzo(a)pyrene
Concen: 17.536 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 377438

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	7.7	4.0	6.0#

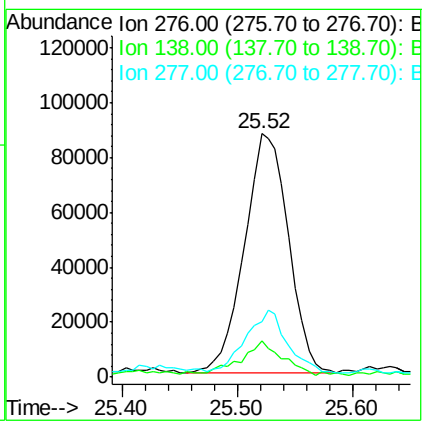


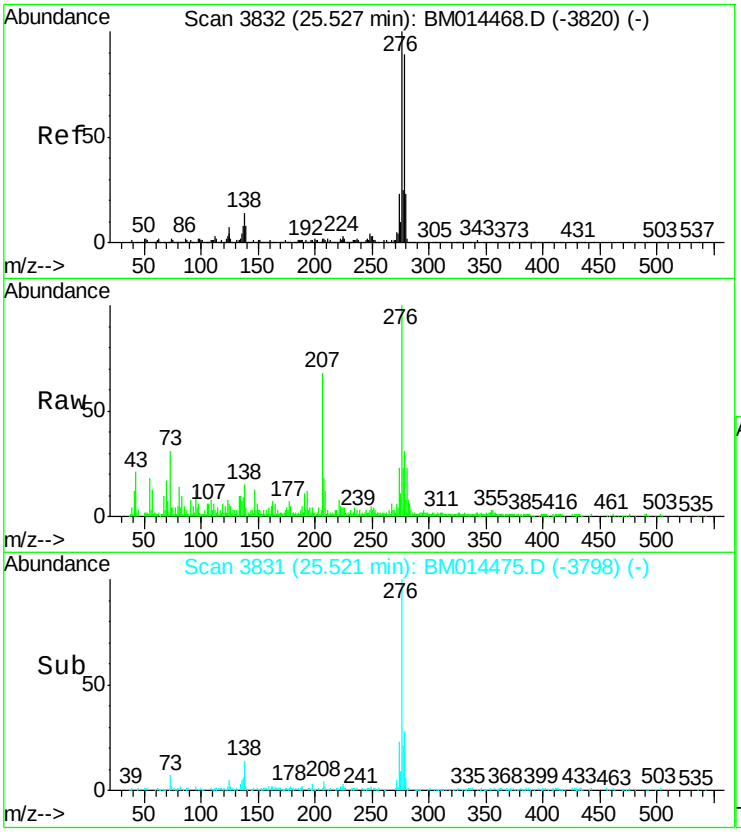


#89
Indeno(1,2,3-cd)pyrene
Concen: 11.045 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:276 Resp: 230690

Ion	Ratio	Lower	Upper
276	100		
138	15.1	9.3	13.9#
277	22.9	19.9	29.9



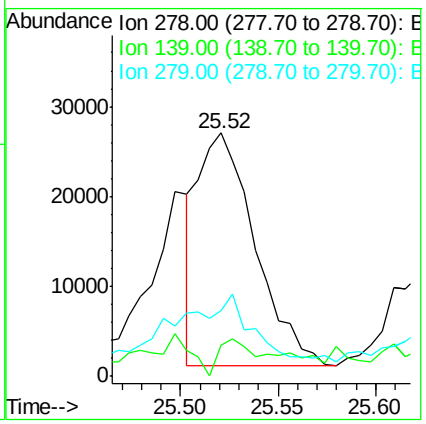


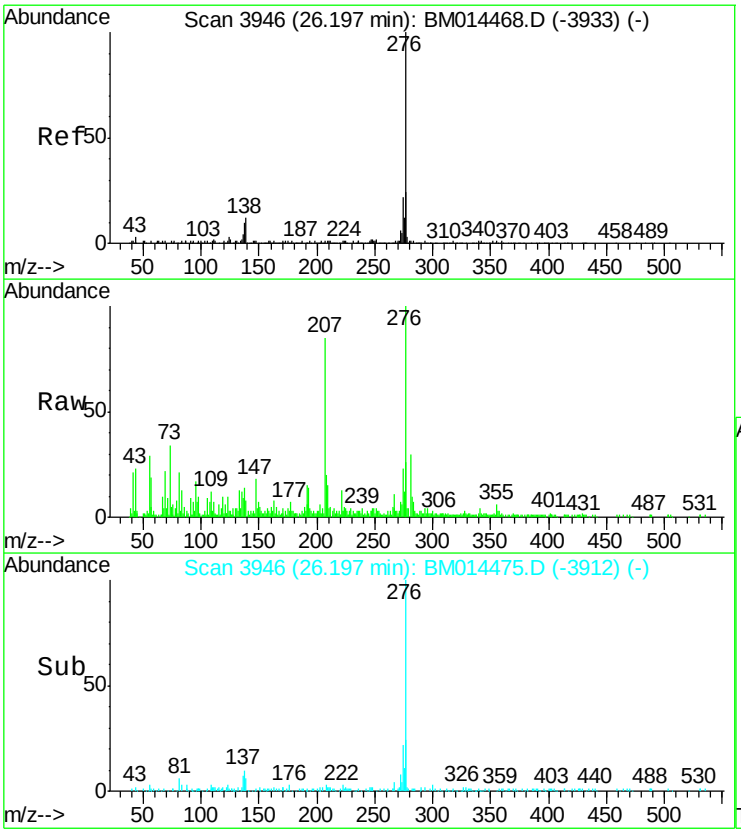
#90
Dibenzo(a,h)anthracene
Concen: 2.996 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 52000

Ion	Ratio	Lower	Upper
278	100		
139	15.9	5.8	8.8#
279	26.9	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 11.887 ng/ul
RT: 26.20 min Scan# 3946
Delta R.T. 0.00 min
Lab File: BM014475.D
Acq: 05 Mar 2018 16:24

Tgt Ion:276 Resp: 201125

Ion	Ratio	Lower	Upper
276	100		
138	8.0	8.5	12.7#
277	25.5	18.6	28.0