Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014365.D
Acq On : 26 Feb 2018 20:24
Operator : SJ/JU
Sample : J1631-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 03:24:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	164942	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	736439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	401347	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	791983	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	539537	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	495652	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	14284	3.71	ng/uL	0.00
5) Phenol-d5	6.72	99	340387	24.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	216605	25.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	284142	26.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	230474	18.89	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	151369	27.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	168623	29.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	300483	25.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	144622	12.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1028980	31.05	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1277049	31.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	88552	19.35	ng/ul	0.01
57) Fluorene-d10	15.19	176	847621	28.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	39748	8.37	ng/ul	0.01
70) Anthracene-d10	17.04	188	1176413	30.79	ng/ul	0.00
76) Pyrene-d10	19.35	212	1036060	37.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	766512	31.78	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.70	77	10225	1.799	ng/ul#	86
6) Phenol	6.76	94	31199	2.133	ng/ul#	87
14) Acetophenone	8.35	105	204362	9.711	ng/ul	91
44) Dimethylphthalate	13.65	163	358971	10.983	ng/ul	99
47) Acenaphthylene	13.90	152	52565	1.361	ng/ul#	96
69) Phenanthrene	16.99	178	558132	12.231	ng/ul	97
71) Anthracene	17.07	178	135710	2.957	ng/ul	98
72) Carbazole	17.36	167	50594	1.311	ng/ul#	91
73) Di-n-butylphthalate	17.92	149	107396	2.157	ng/ul#	97
74) Fluoranthene	19.02	202	1172241	21.502	ng/ul#	94
77) Pyrene	19.38	202	1145300	31.942	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	530789	15.763	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	32993	1.554	ng/ul#	96
82) Chrysene	21.19	228	580091	18.467	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	762156	22.965	ng/ul#	94
86) Benzo(k)fluoranthene	22.69	252	762156	24.154	ng/ul#	92
88) Benzo(a)pyrene	23.24	252	490474	16.538	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.49	276	352657	12.254	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.49	278	52706	2.204	ng/ul#	69
91) Benzo(g,h,i)perylene	26.15	276	279466	11.988	ng/ul#	95

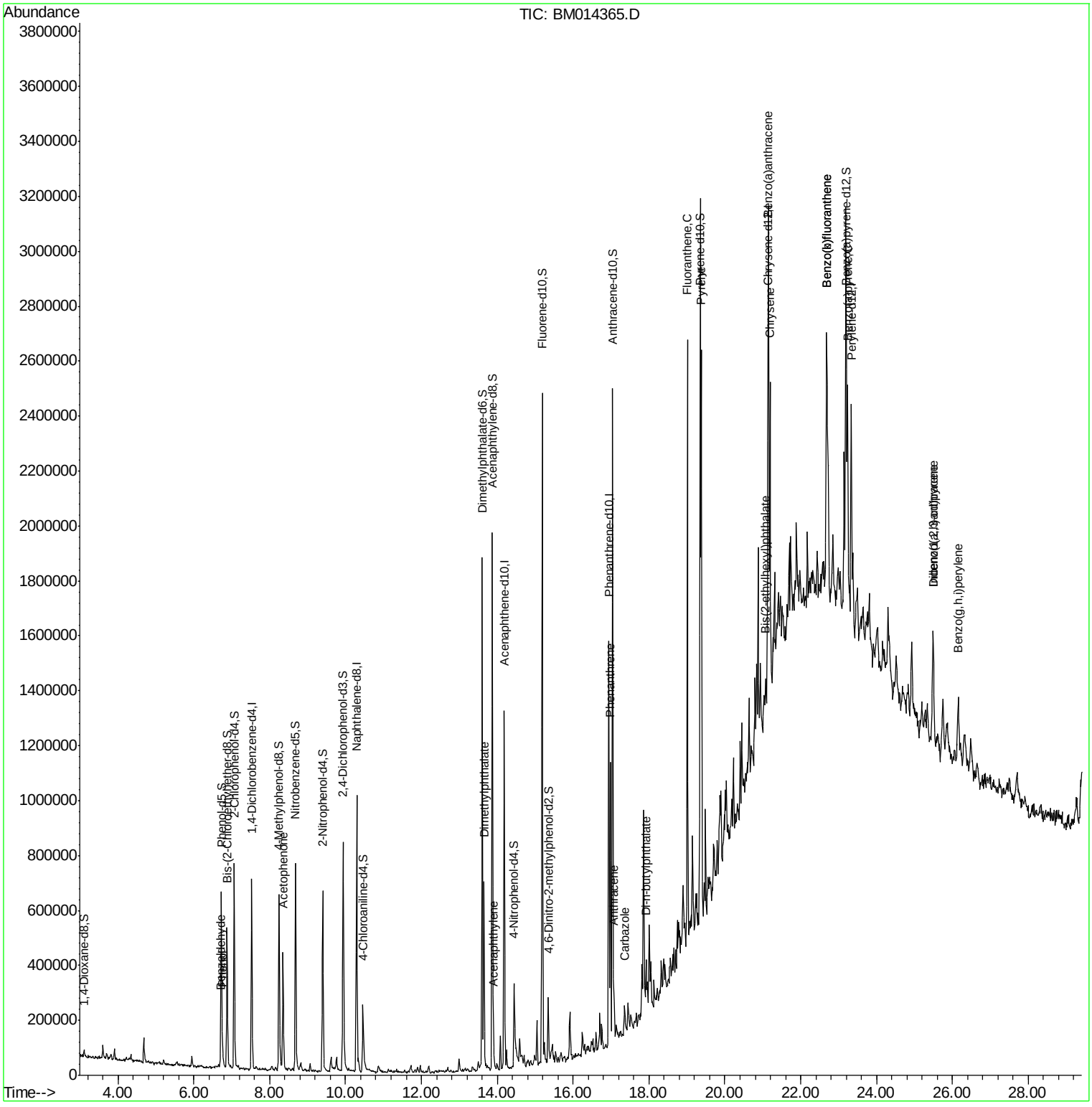
(#) = qualifier out of range (m) = manual integration (+) = signals summed

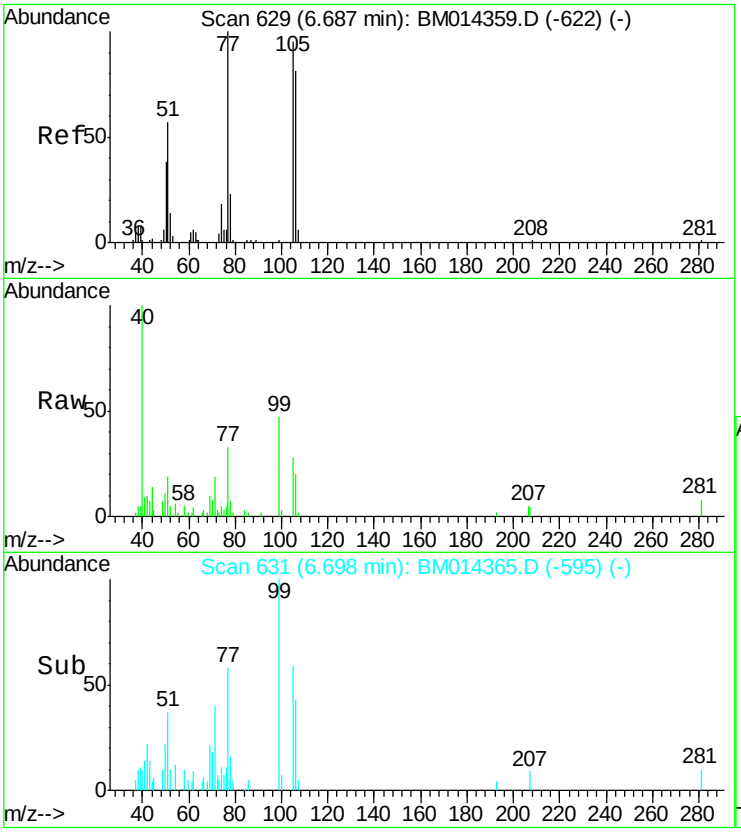
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014365.D
Acq On : 26 Feb 2018 20:24
Operator : SJ/JU
Sample : J1631-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 03:24:30 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



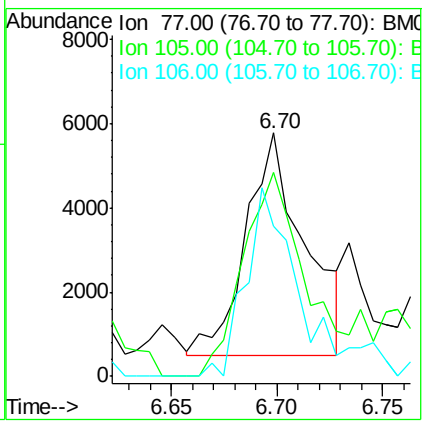


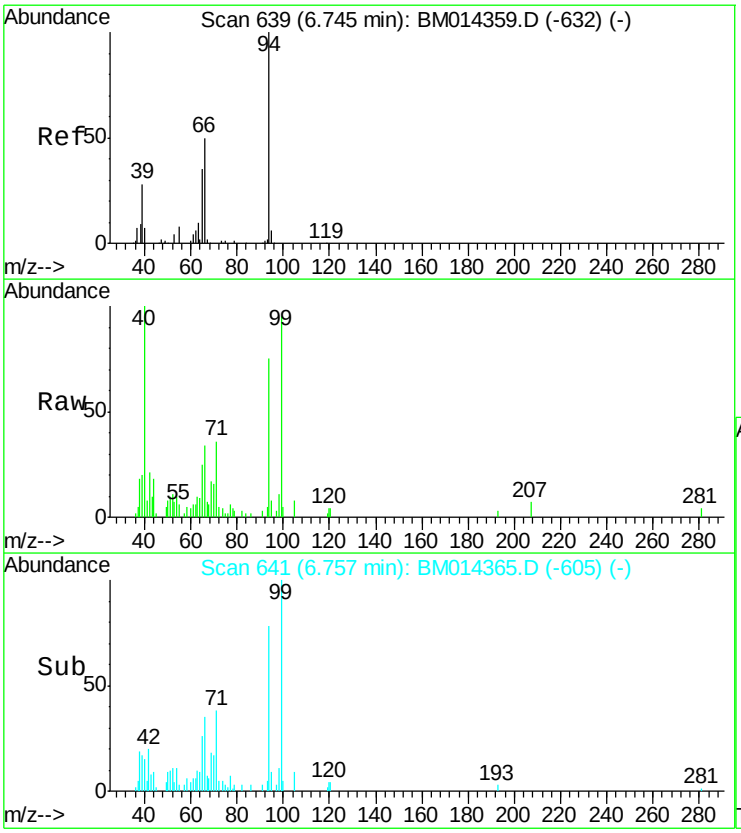
#4
Benzaldehyde
Concen: 1.799 ng/ul
RT: 6.70 min Scan# 631
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 10225

Ion	Ratio	Lower	Upper
77	100		
105	83.7	66.1	99.1
106	61.5	67.8	101.6#

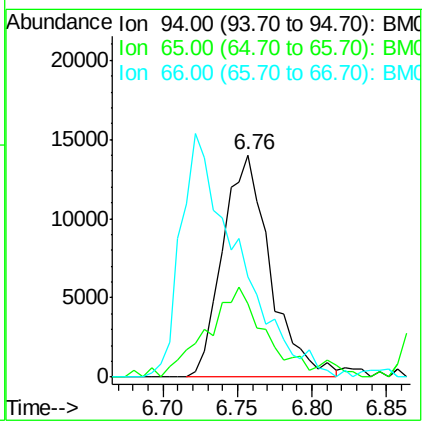


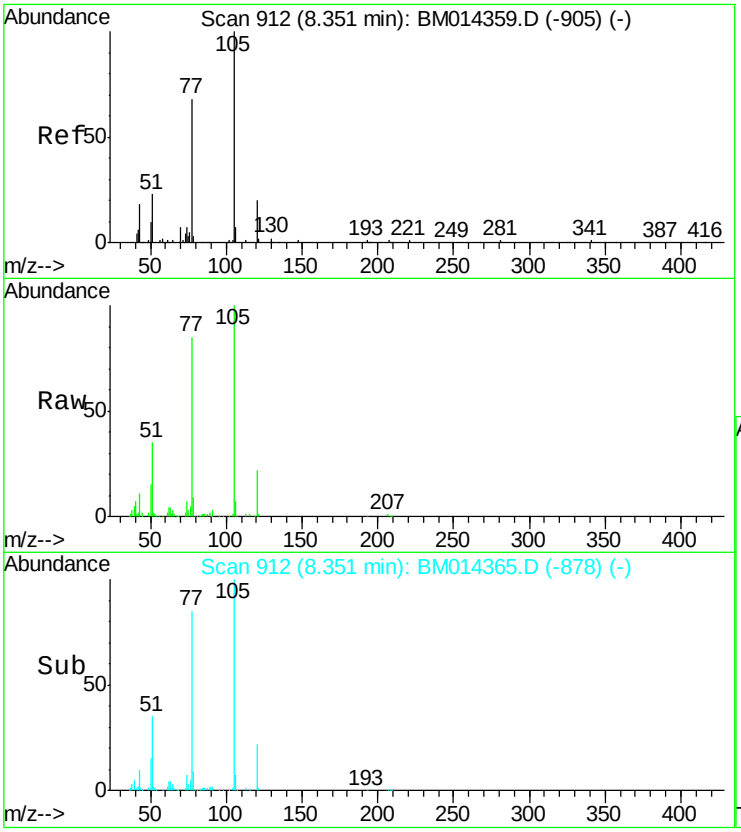


#6
Phenol
Concen: 2.133 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion: 94 Resp: 31199

Ion	Ratio	Lower	Upper
94	100		
65	33.2	28.2	42.4
66	45.3	47.2	70.8#



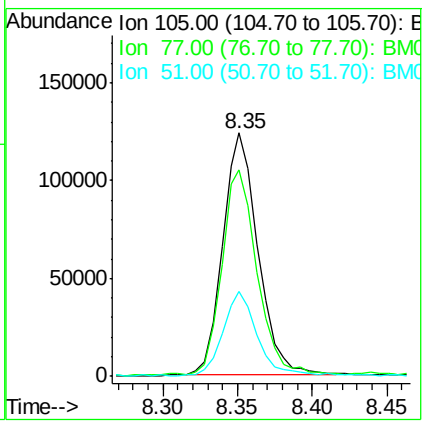


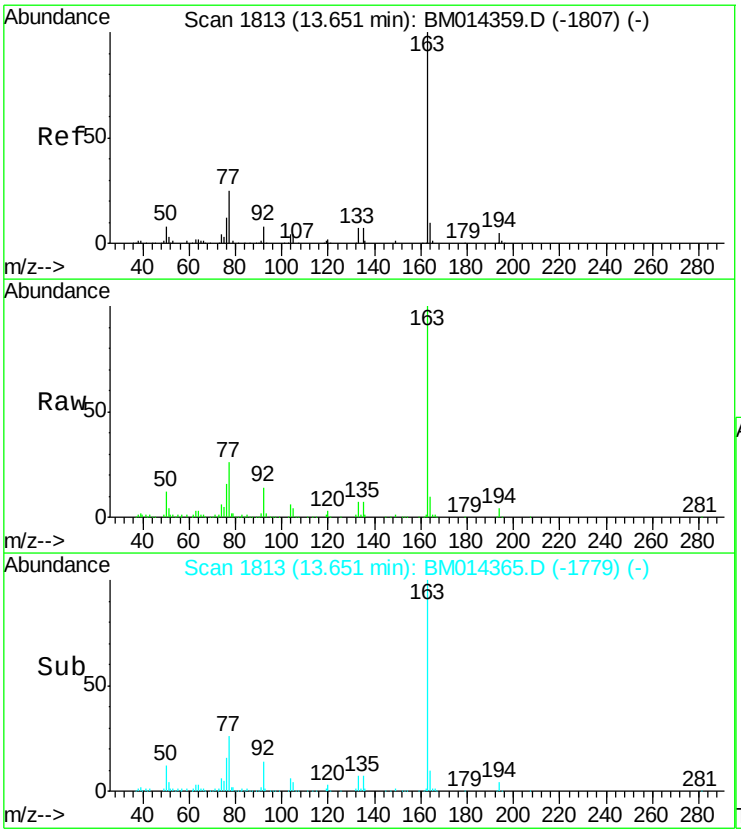
#14
Acetophenone
Concen: 9.711 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 204362

Ion	Ratio	Lower	Upper
105	100		
77	85.0	74.2	111.4
51	34.7	23.4	35.2

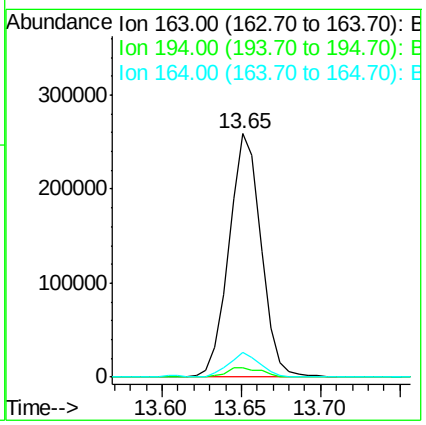


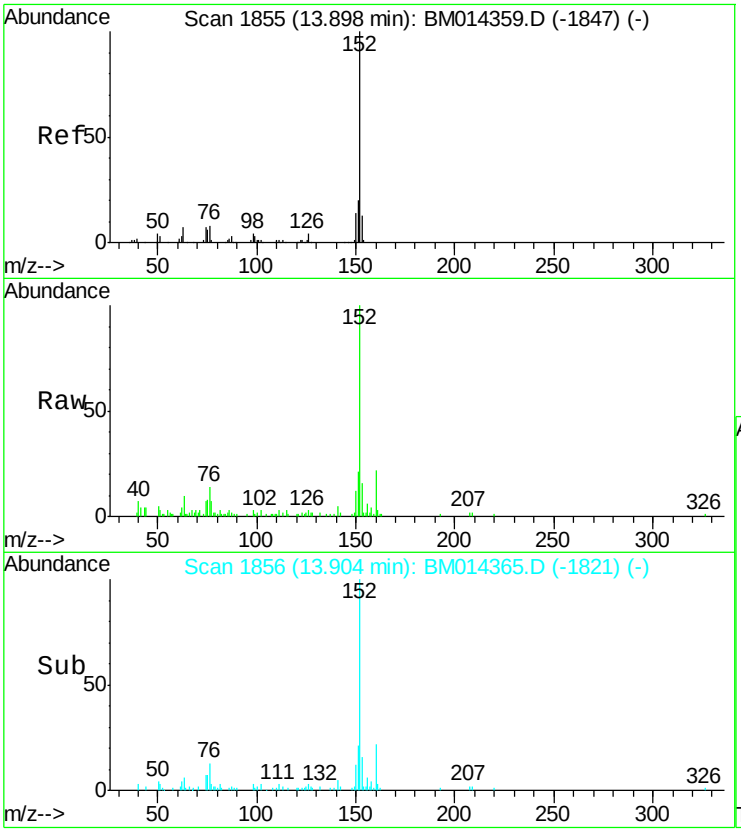


#44
Dimethylphthalate
Concen: 10.983 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:163 Resp: 358971

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.0	8.2	12.4



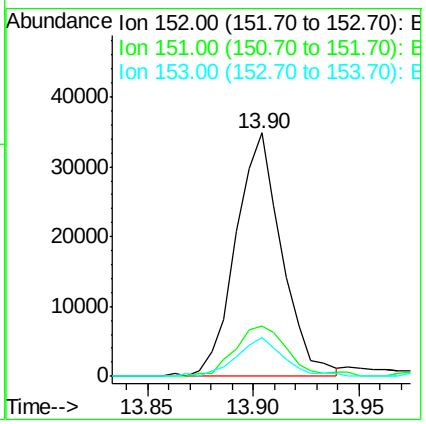


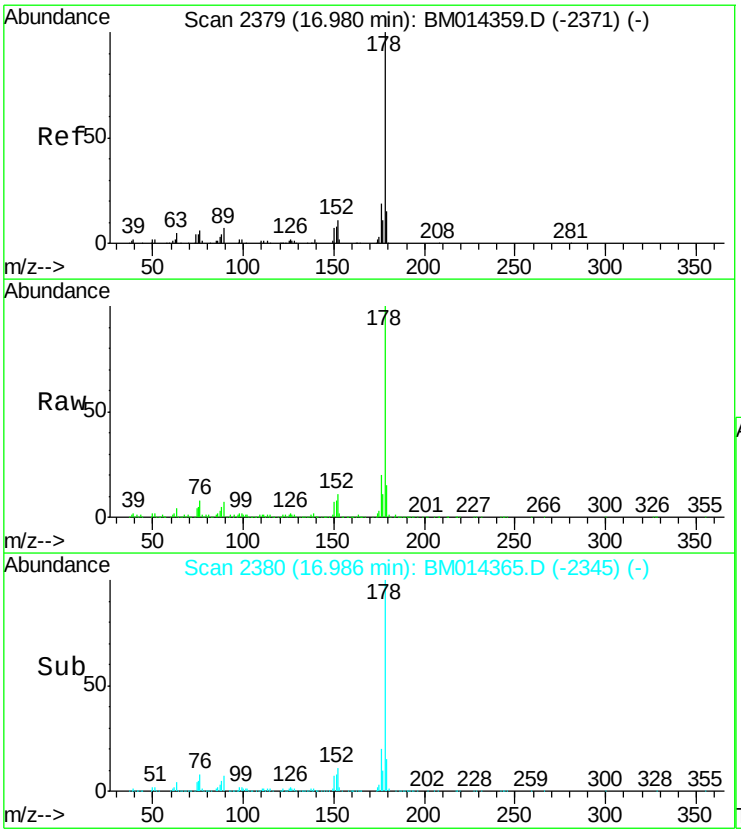
#47
Acenaphthylene
Concen: 1.361 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 52565

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	16.0	10.2	15.4#

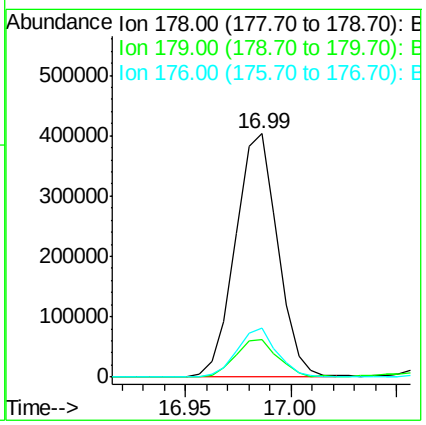


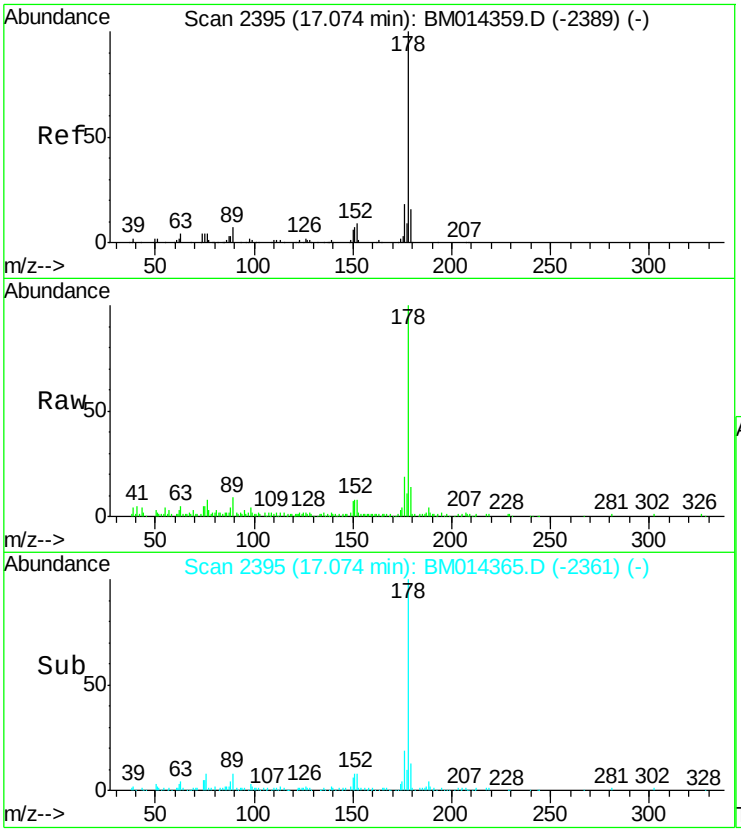


#69
Phenanthrene
Concen: 12.231 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:178 Resp: 558132

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	20.4	14.9	22.3



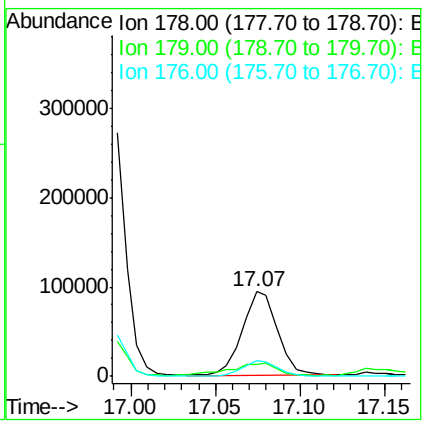


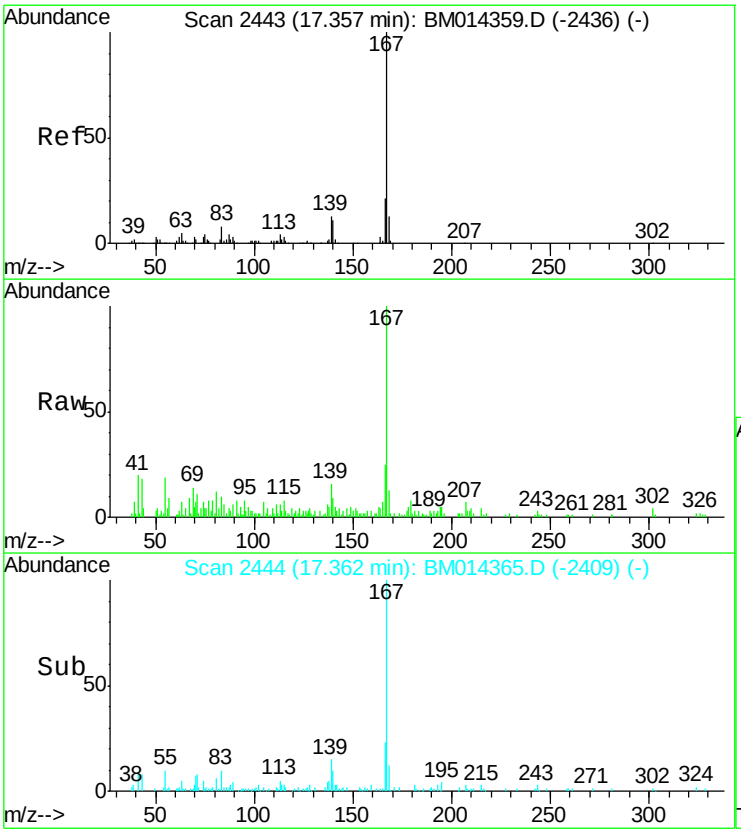
#71
Anthracene
Concen: 2.957 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 135710

Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.7	17.5
176	19.0	14.6	21.8

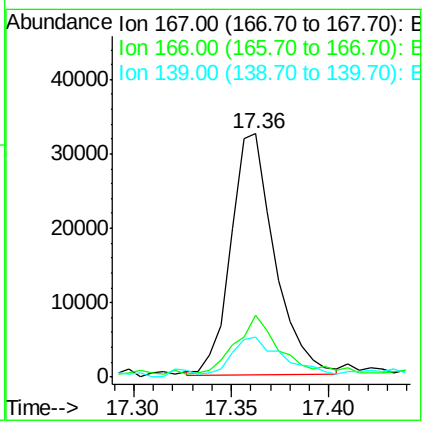


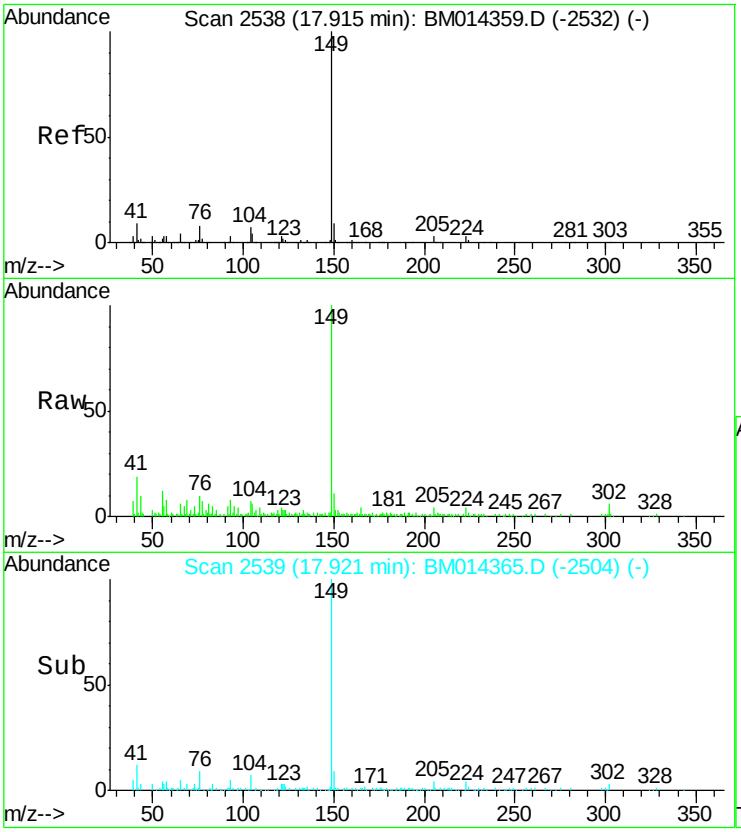


#72
Carbazole
Concen: 1.311 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:167 Resp: 50594

Ion	Ratio	Lower	Upper
167	100		
166	25.2	17.1	25.7
139	16.5	10.0	15.0#



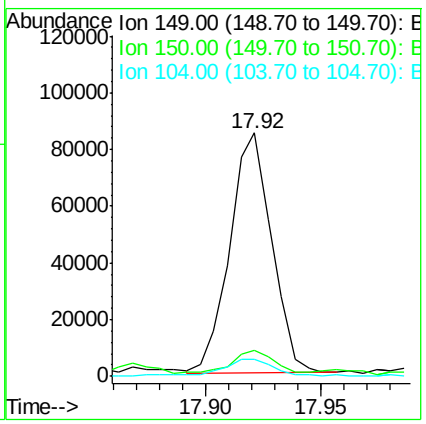


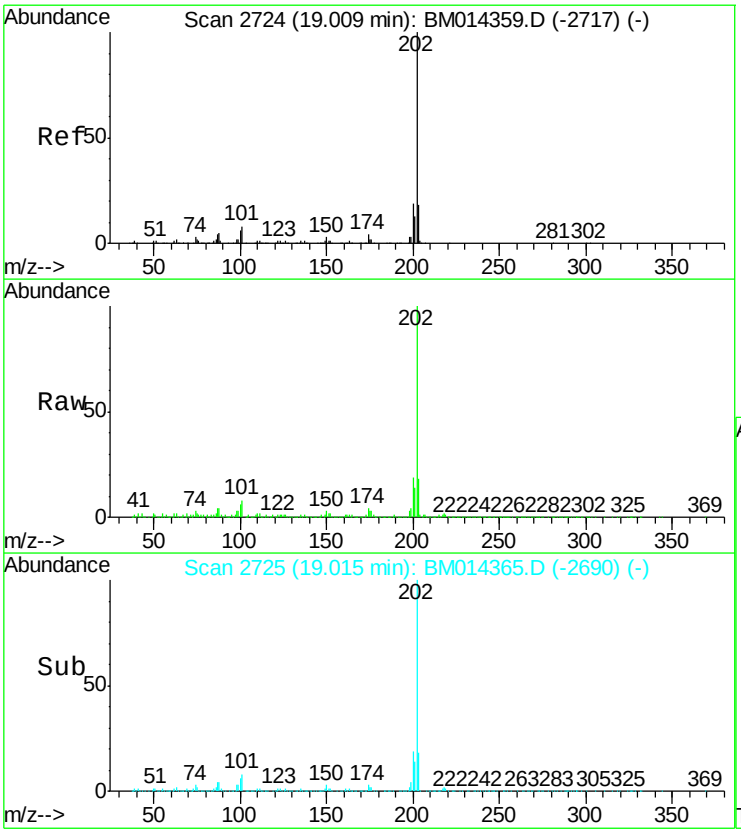
#73
Di-n-butylphthalate
Concen: 2.157 ng/ul
RT: 17.92 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 107396

Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.1	10.7#
104	7.2	5.6	8.4

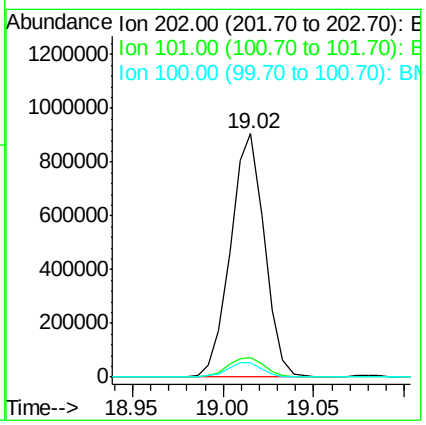


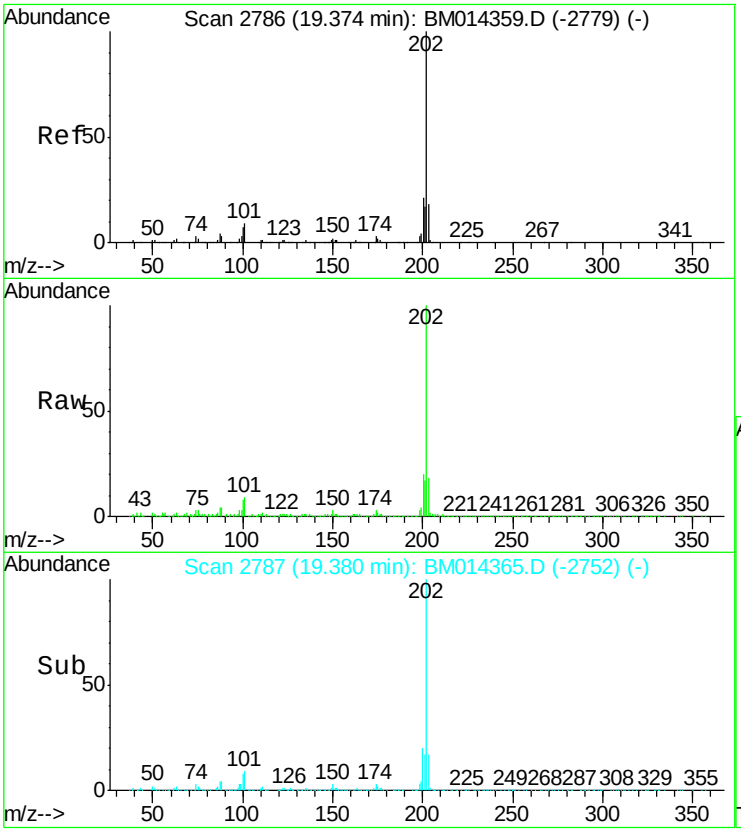


#74
Fluoranthene
Concen: 21.502 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:202 Resp: 1172241

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.2	3.4	5.2#



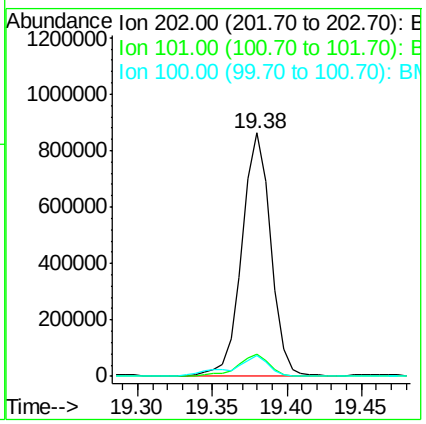


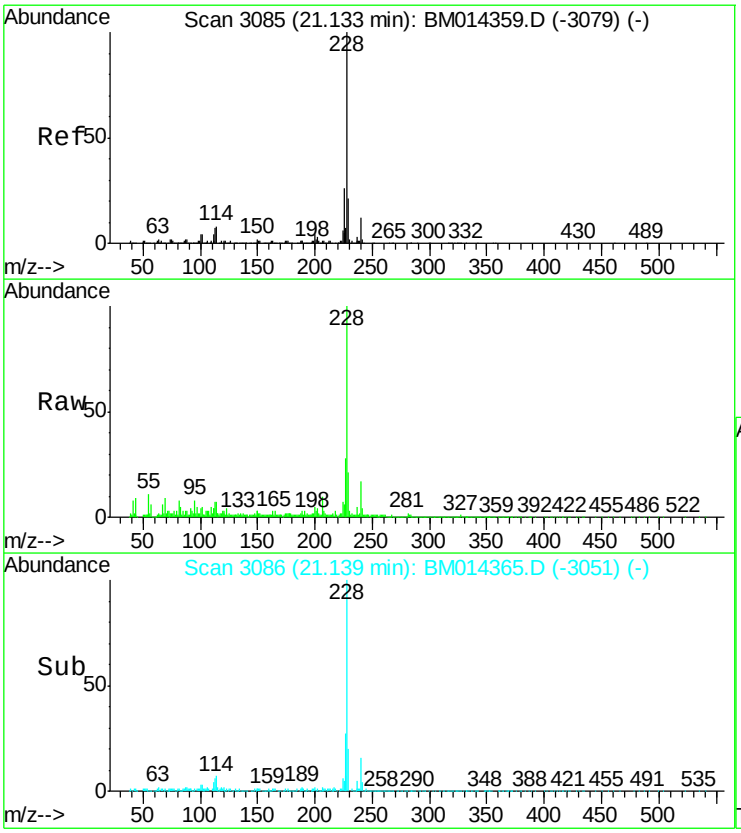
#77
Pyrene
Concen: 31.942 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1145300

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7#
100	8.4	4.9	7.3#

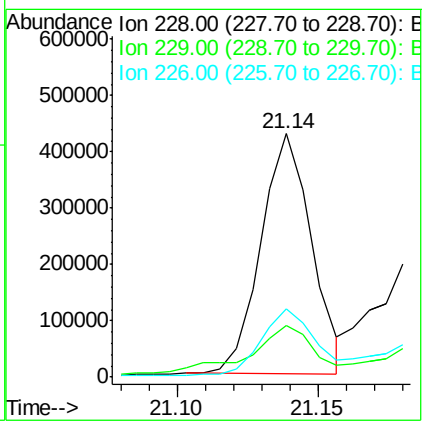


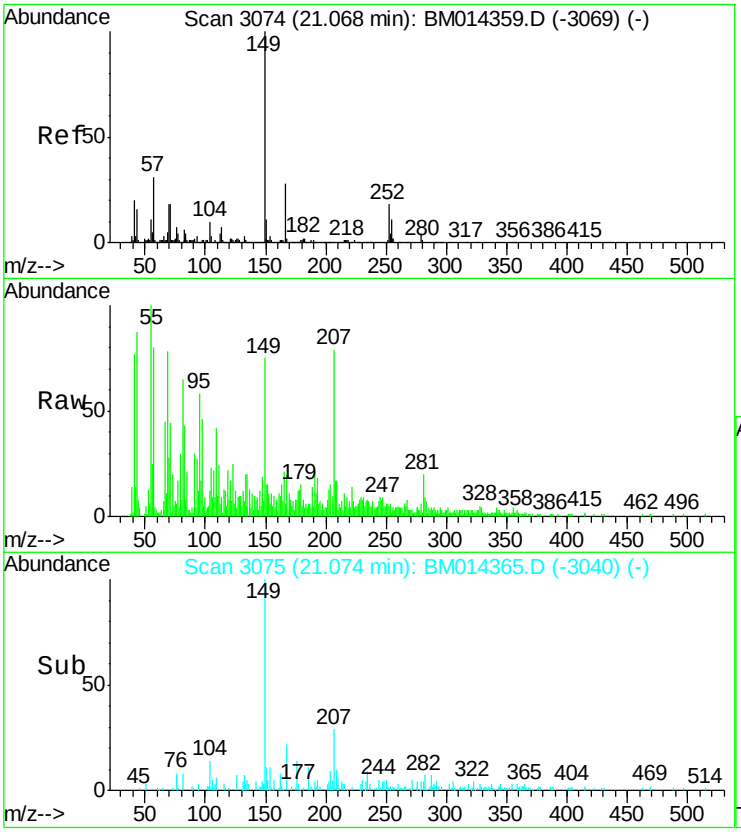


#80
Benzo(a)anthracene
Concen: 15.763 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:228 Resp: 530789

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	27.9	21.4	32.0



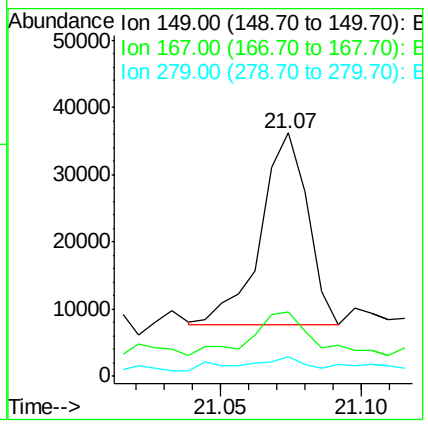


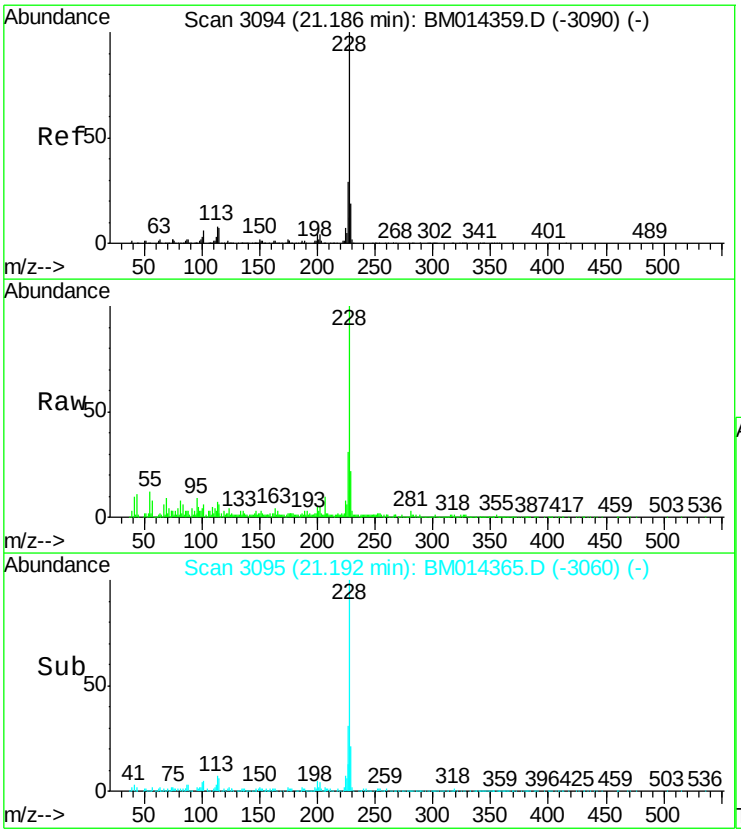
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.554 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 32993

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.8	34.2
279	8.0	4.9	7.3#

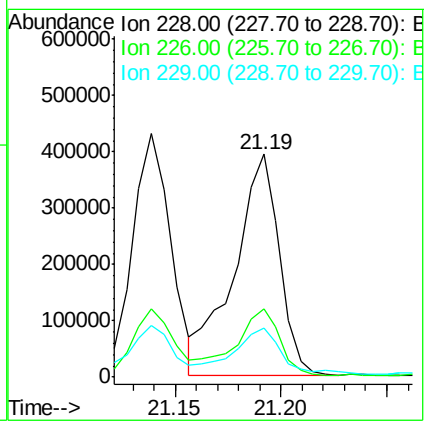


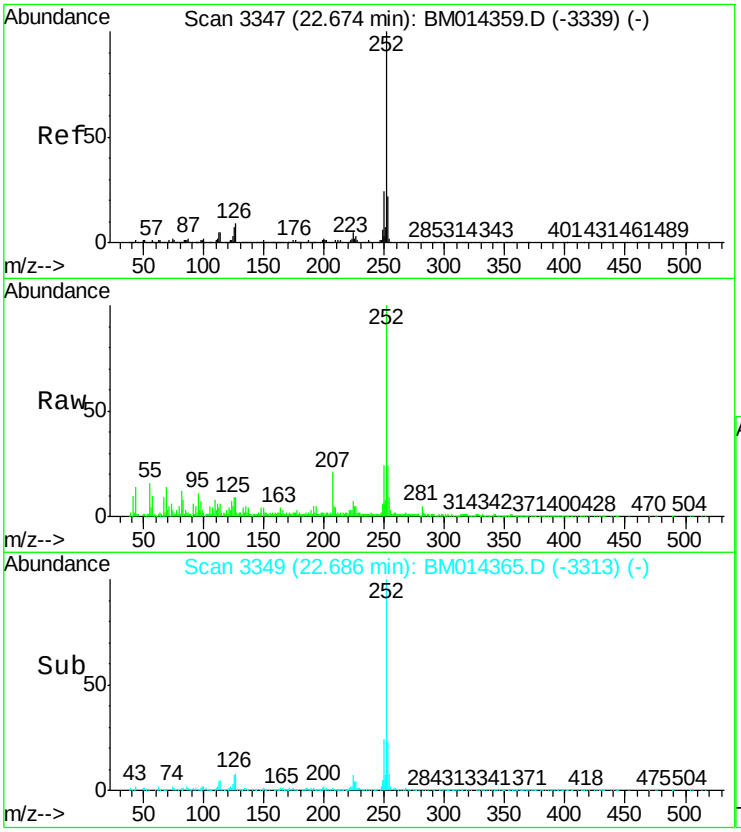


#82
Chrysene
Concen: 18.467 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:228 Resp: 580091

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.2	15.5	23.3



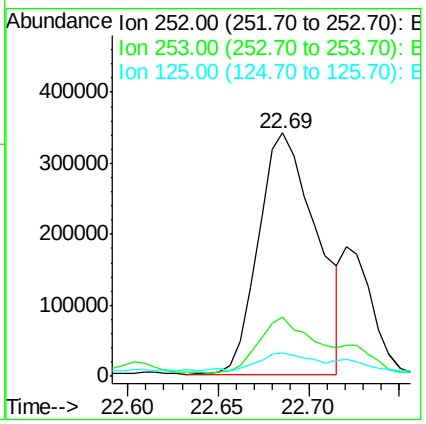


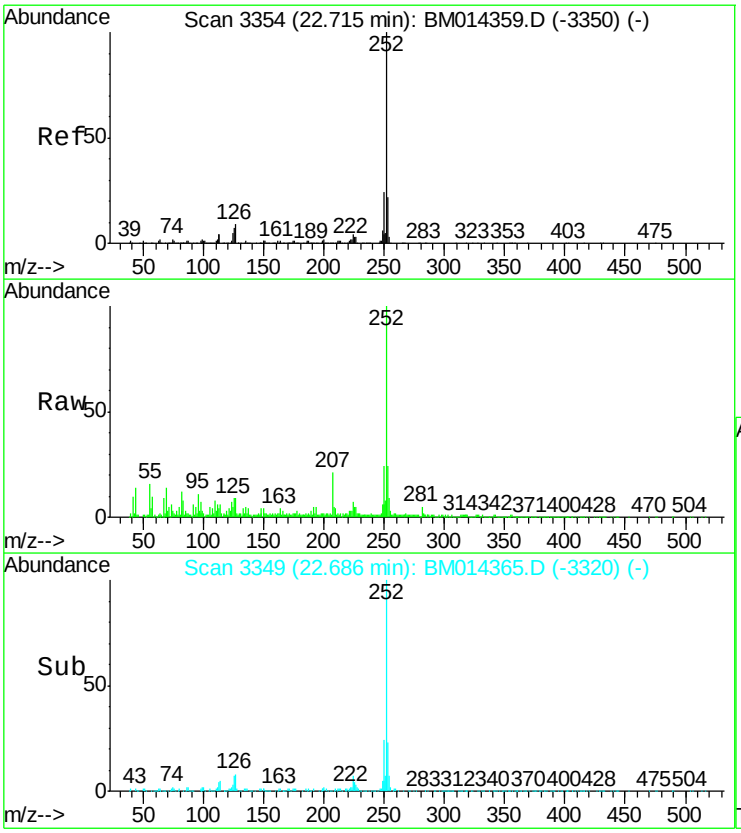
#85
Benzo(b)fluoranthene
Concen: 22.965 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 762156

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	9.4	3.6	5.4#

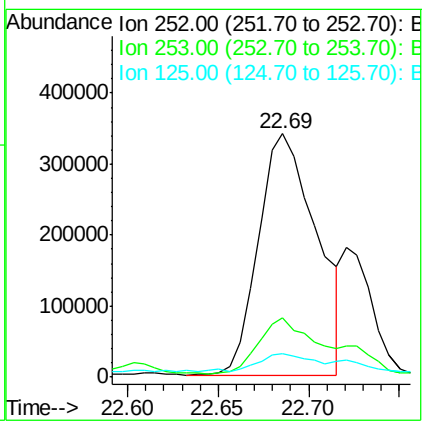


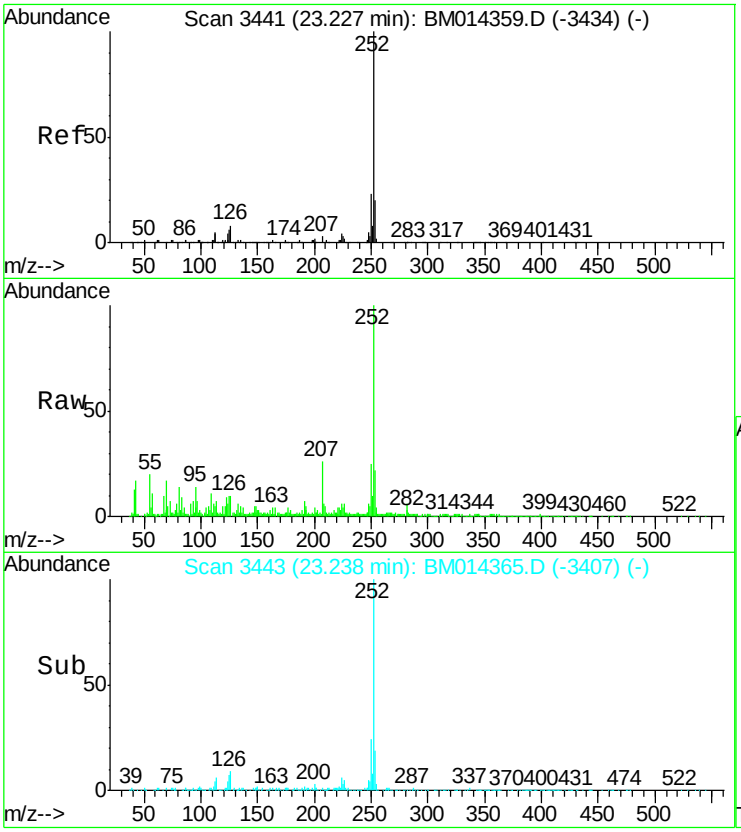


#86
Benzo(k)fluoranthene
Concen: 24.154 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.03 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:252 Resp: 762156

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	9.4	3.4	5.2#



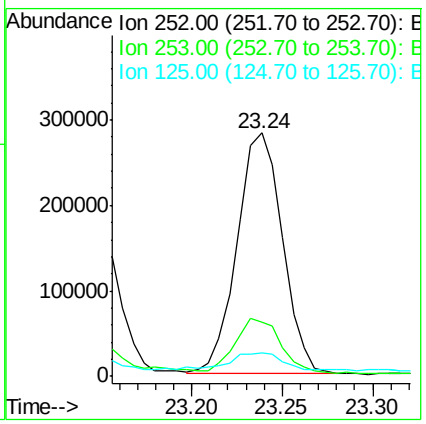


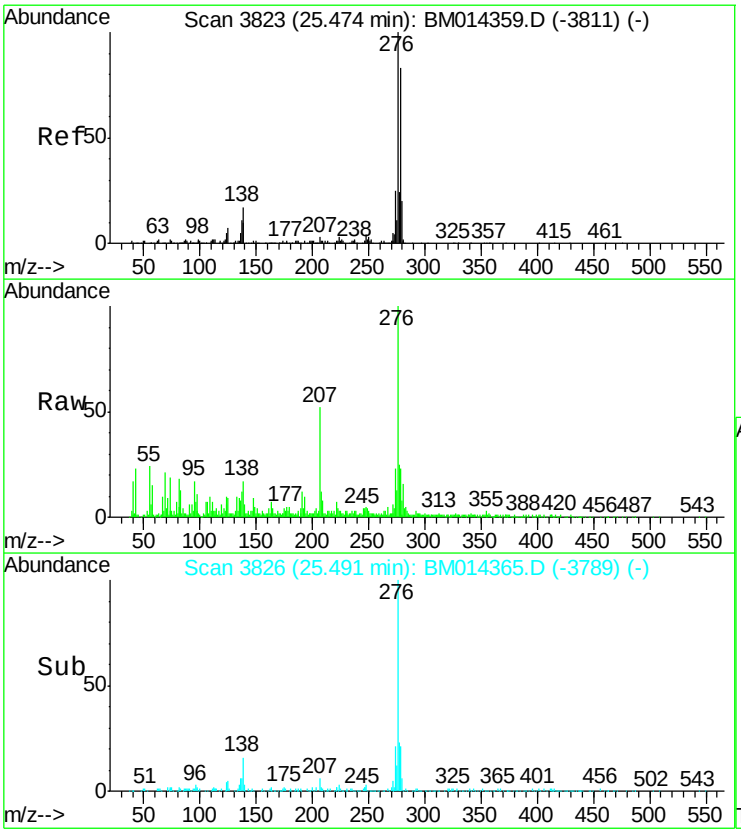
#88
Benzo(a)pyrene
Concen: 16.538 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 490474

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.8	4.0	6.0#

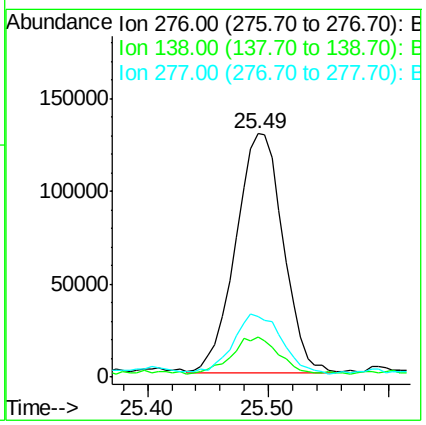


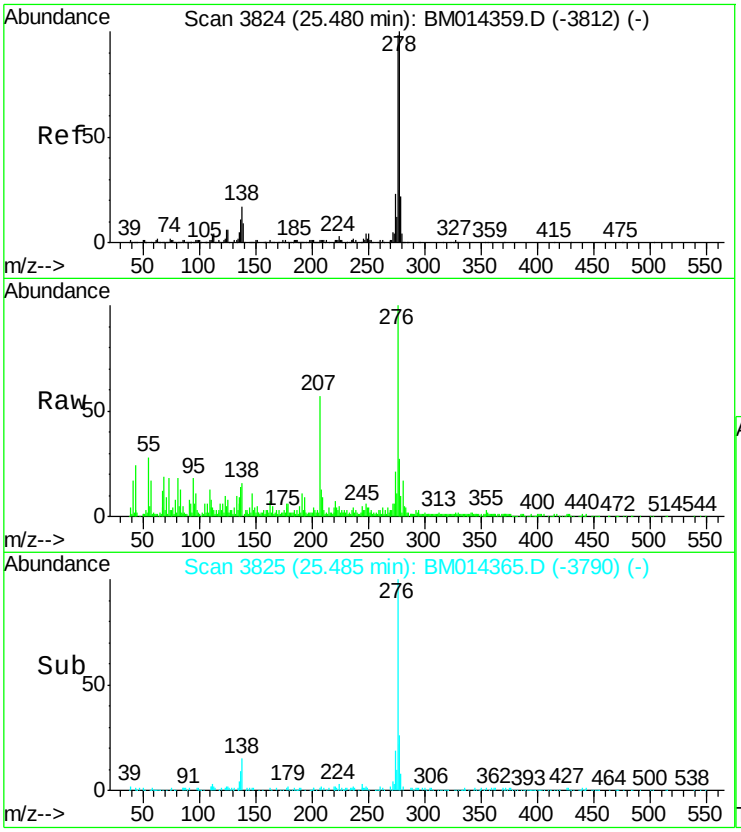


#89
Indeno(1,2,3-cd)pyrene
Concen: 12.254 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.02 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:276 Resp: 352657

Ion	Ratio	Lower	Upper
276	100		
138	16.7	9.3	13.9#
277	24.7	19.9	29.9



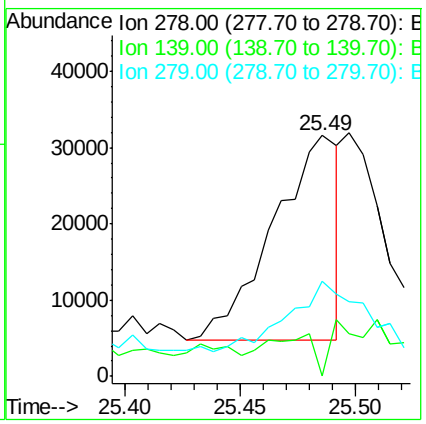


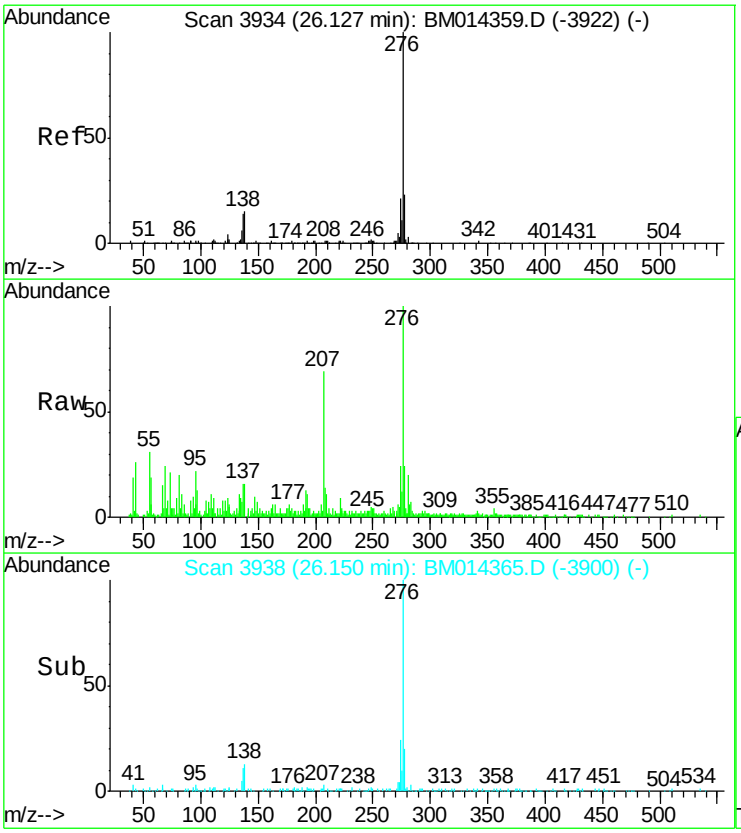
#90
Dibenzo(a,h)anthracene
Concen: 2.204 ng/ul
RT: 25.49 min Scan# 3825
Delta R.T. 0.01 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 52706

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	39.8	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 11.988 ng/ul
RT: 26.15 min Scan# 3938
Delta R.T. 0.02 min
Lab File: BM014365.D
Acq: 26 Feb 2018 20:24

Tgt Ion:276 Resp: 279466

Ion	Ratio	Lower	Upper
276	100		
138	15.6	8.5	12.7#
277	24.0	18.6	28.0