Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023214.D
Acq On : 17 Oct 2019 10:26
Operator : JU
Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 17 12:36:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	409980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1653415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	1004916	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1997383	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1983516	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2458913	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	41359	4.44	ng/uL	0.00
5) Phenol-d5	6.83	99	733170	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	447384	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	631115	23.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	554575	19.33	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	301700	26.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	333399	31.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	641397	23.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	474448	14.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1933090	25.10	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	2282987	25.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	174452	13.99	ng/ul	0.00
58) Fluorene-d10	15.30	176	1655532	25.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	110049	13.90	ng/ul	0.00
71) Anthracene-d10	17.15	188	2546367	26.44	ng/ul	0.00
79) Pyrene-d10	19.45	212	2760747	28.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	3329607	26.71	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.86	94	134173	3.644	ng/ul	98
28) Naphthalene	10.49	128	402114	4.705	ng/ul	98
30) 4-Chloroaniline	10.49	127	53616	1.573	ng/ul#	15
34) 2-Methylnaphthalene	12.12	142	103506	1.628	ng/ul	98
35) 1-Methylnaphthalene	12.34	142	73666	1.197	ng/ul	100
45) Dimethylphthalate	13.77	163	650908	8.445	ng/ul	99
48) Acenaphthylene	14.03	152	180967	1.960	ng/ul	98
50) Acenaphthene	14.37	153	98359	1.530	ng/ul	99
54) Dibenzofuran	14.71	168	158220	1.733	ng/ul	99
59) Fluorene	15.36	166	121765	1.626	ng/ul	96
70) Phenanthrene	17.10	178	2466945	22.008	ng/ul	99
72) Anthracene	17.19	178	536389	4.631	ng/ul	99
75) Carbazole	17.45	167	261727	2.529	ng/ul	97
76) Di-n-butylphthalate	18.05	149	270294	2.195	ng/ul#	96
77) Fluoranthene	19.12	202	4643307	34.830	ng/ul	99
80) Pyrene	19.48	202	4095367	32.958	ng/ul	99
81) Butylbenzylphthalate	20.40	149	47099	1.090	ng/ul	95
83) Benzo(a)anthracene	21.23	228	2861438	21.291	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.19	149	157220	2.288	ng/ul#	98
85) Chrysene	21.29	228	2945961	23.607	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	5246407	35.191	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	5246407	36.649	ng/ul	98
91) Benzo(a)pyrene	23.37	252	3682866	25.748	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
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Sample : K5262-17
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 17 12:36:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.69	276	3094605	18.187	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	845576	5.943	ng/ul#	94
94) Benzo(g,h,i)perylene	26.37	276	2617027	18.680	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
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Acq On : 17 Oct 2019 10:26
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Instrument :
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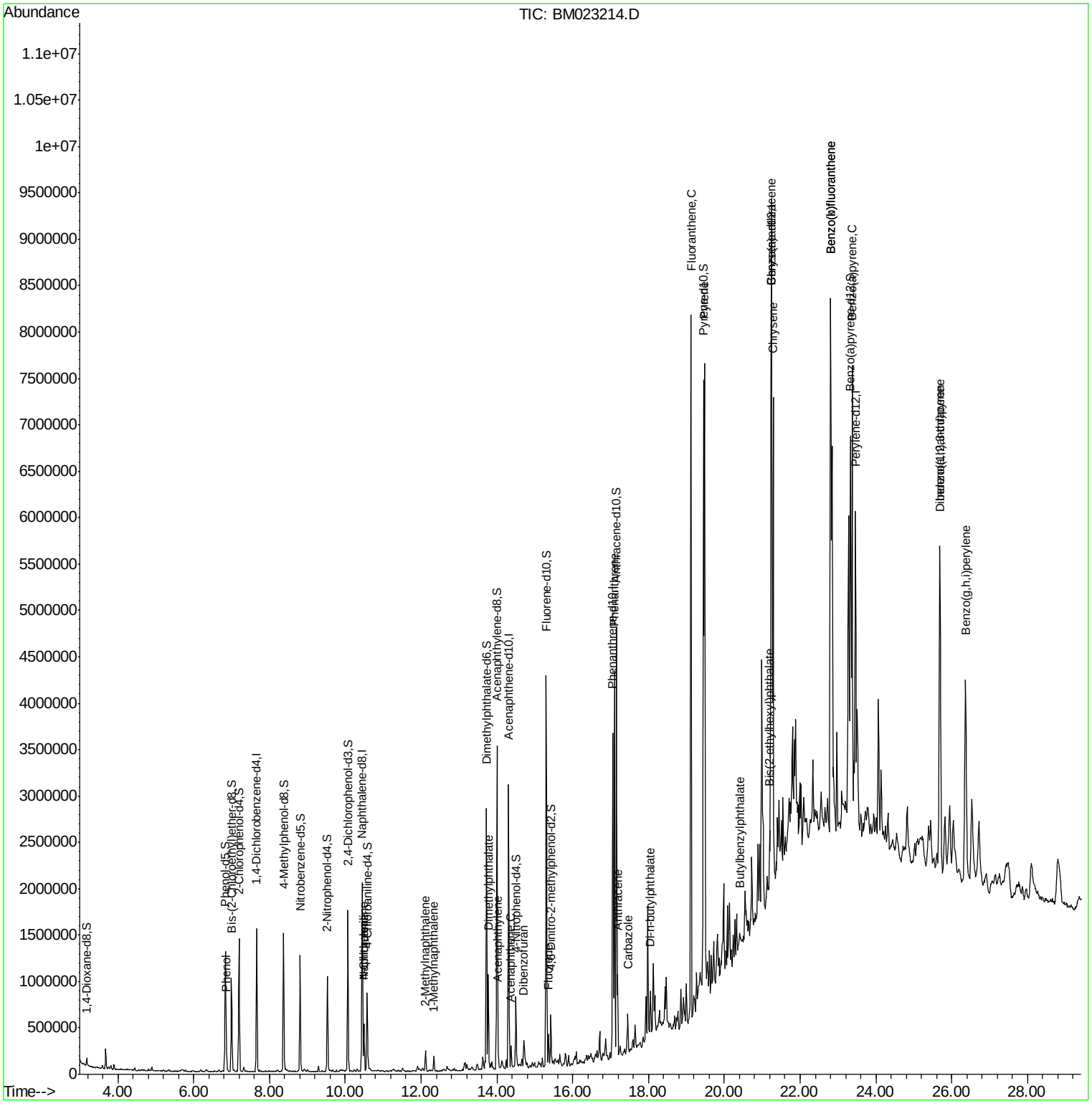
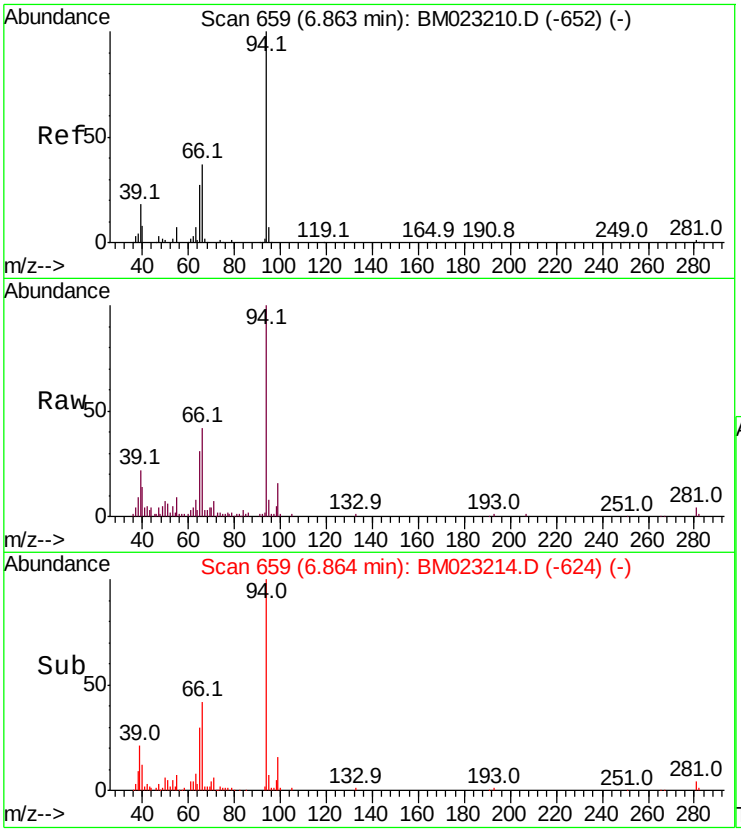
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration



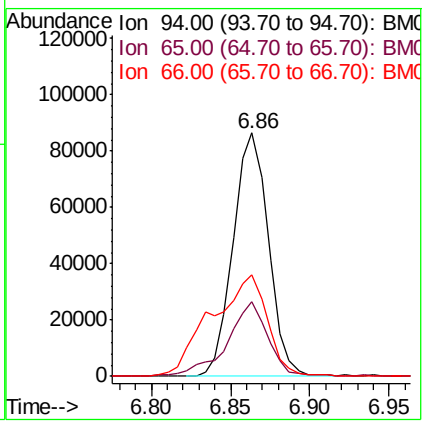


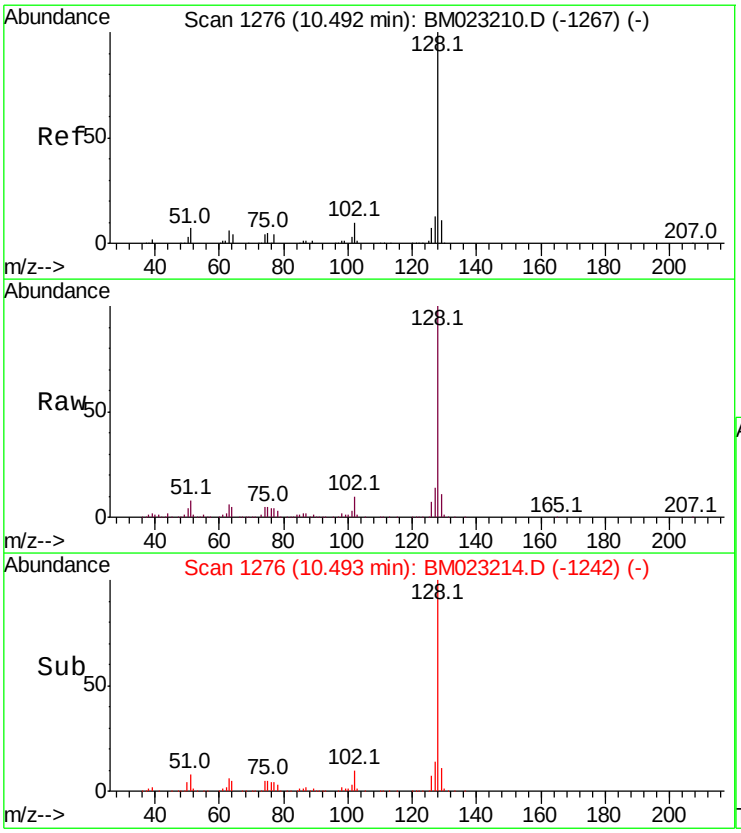
#6
Phenol
Concen: 3.644 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 134173

Ion	Ratio	Lower	Upper
94	100		
65	30.8	23.7	35.5
66	41.8	32.9	49.3

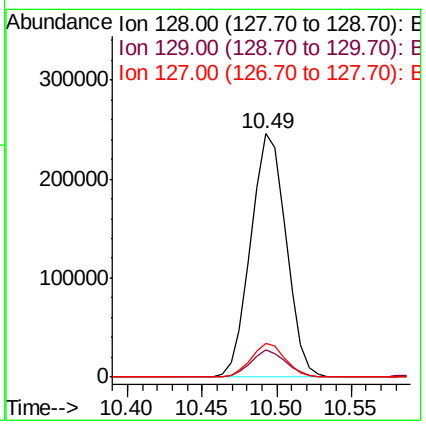


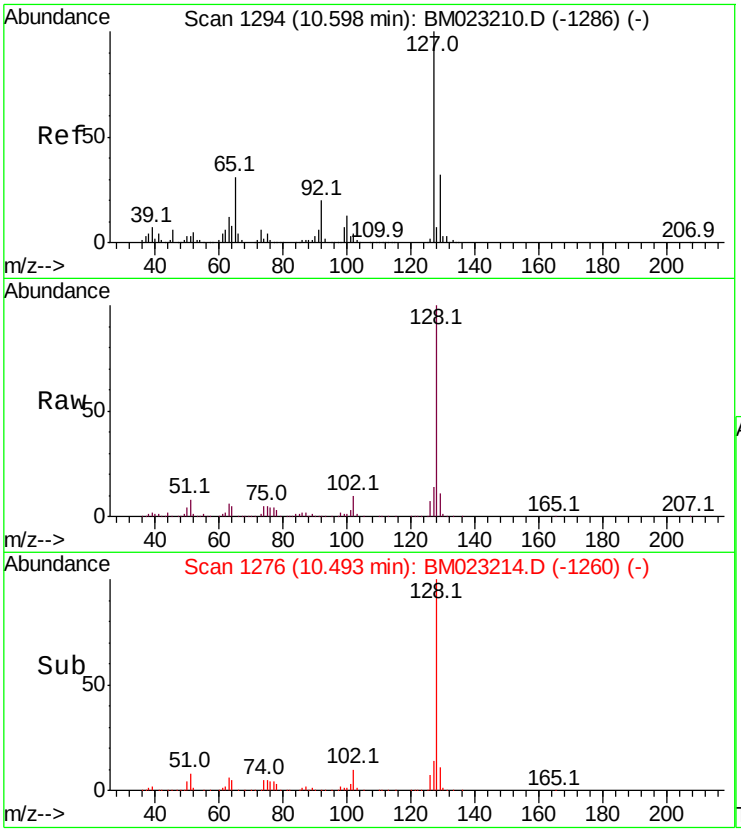


#28
Naphthalene
Concen: 4.705 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:128 Resp: 402114

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	13.6	10.2	15.4



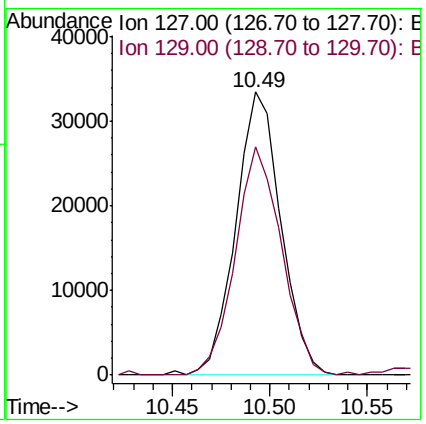


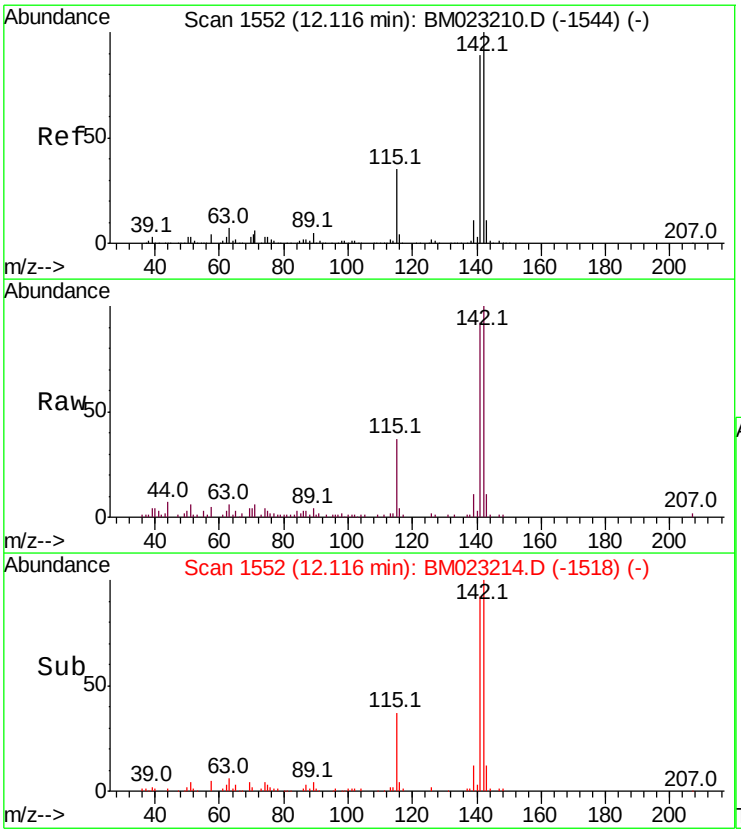
#30
4-Chloroaniline
Concen: 1.573 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. -0.11 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 53616

Ion	Ratio	Lower	Upper
127	100		
129	80.7	26.3	39.5#

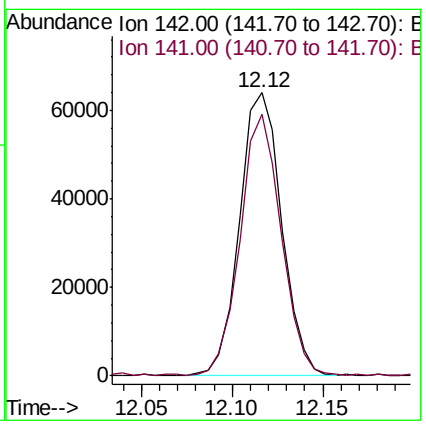


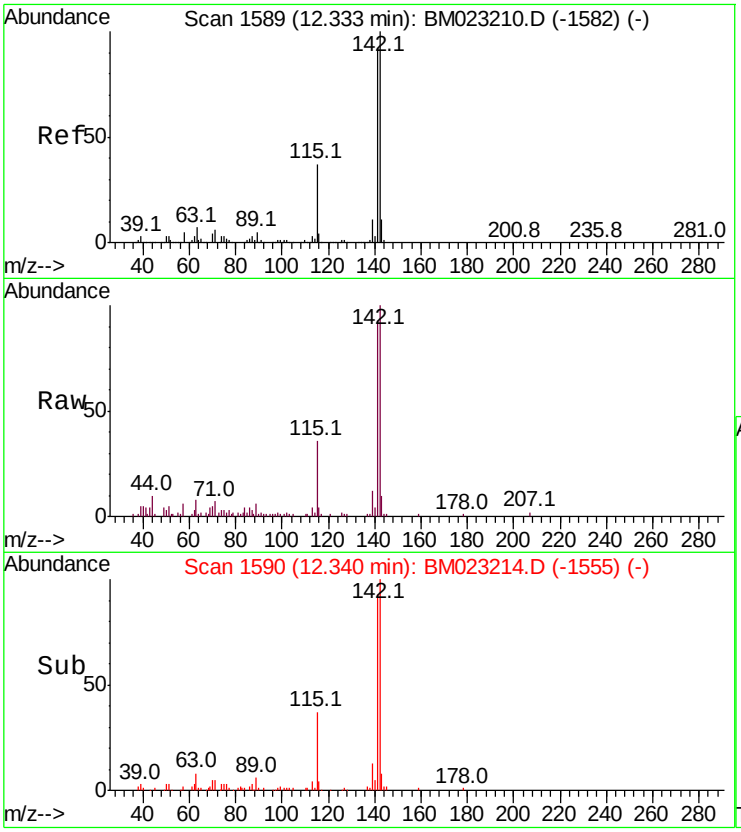


#34
2-Methylnaphthalene
Concen: 1.628 ng/ul
RT: 12.12 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:142 Resp: 103506

Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.1	108.1



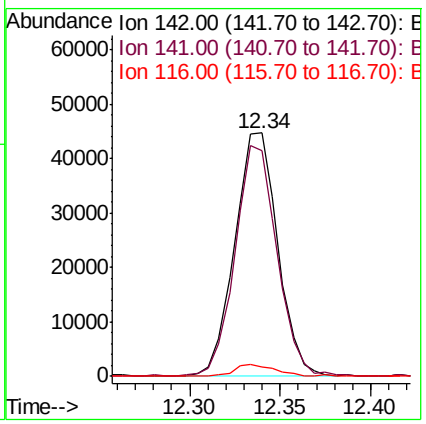


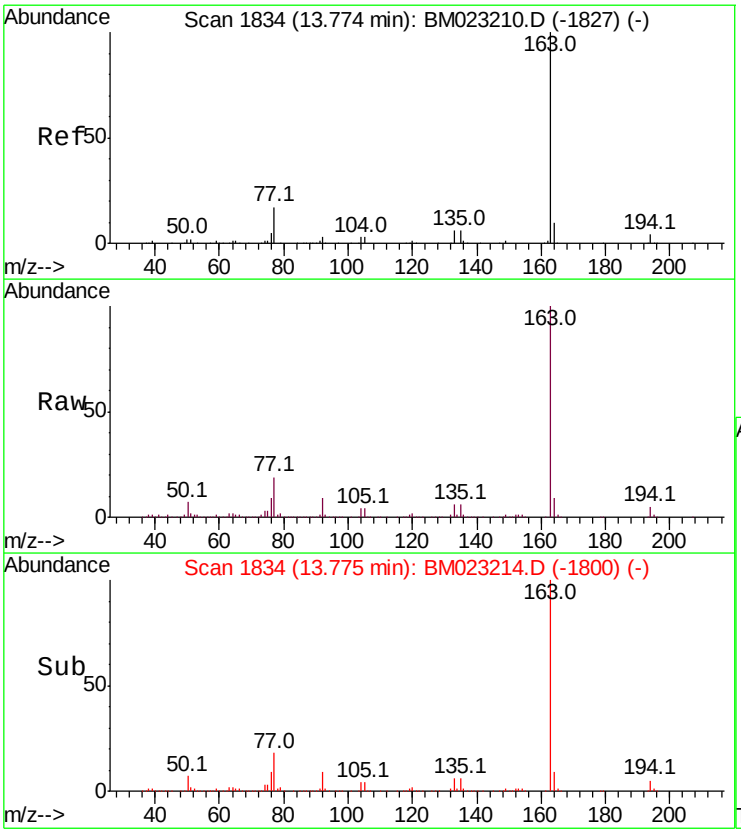
#35
1-Methylnaphthalene
Concen: 1.197 ng/ul
RT: 12.34 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 73666

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.2	111.2
116	3.9	3.3	4.9

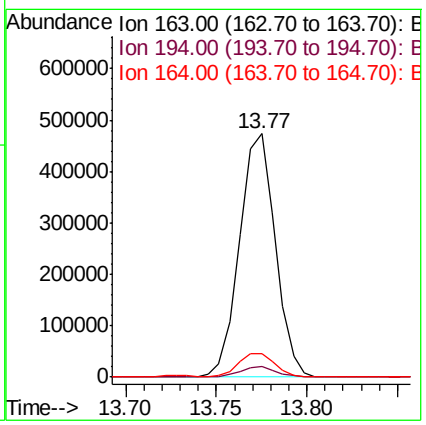


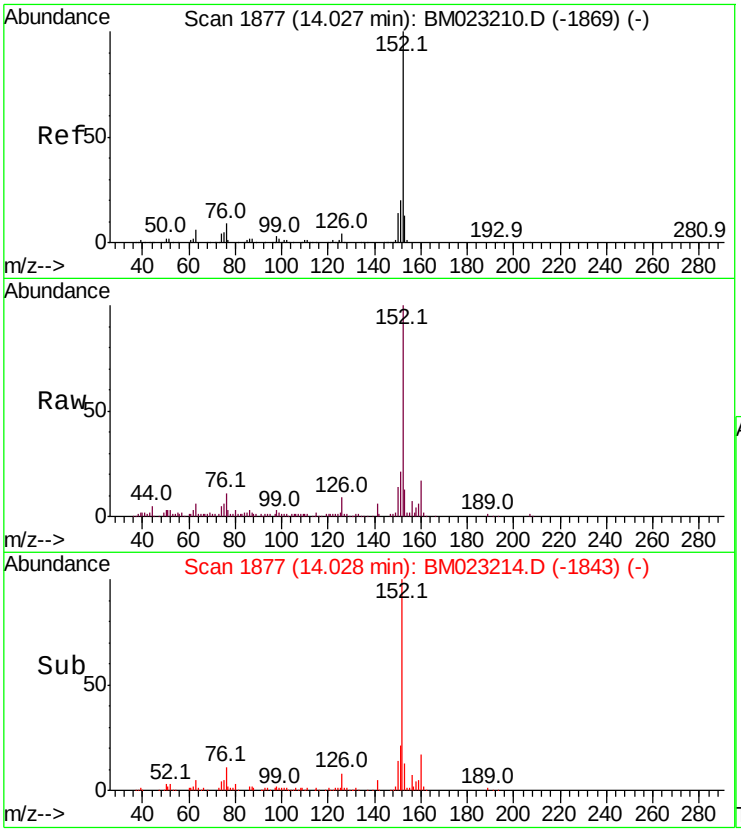


#45
Dimethylphthalate
Concen: 8.445 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:163 Resp: 650908

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.4	8.0	12.0



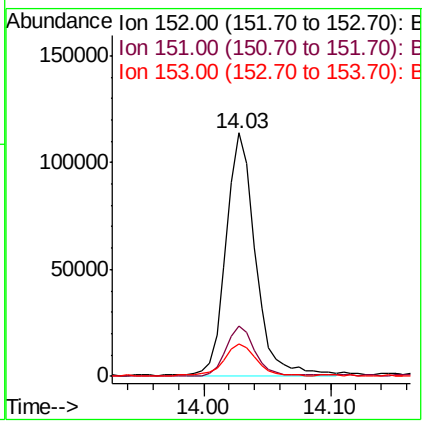


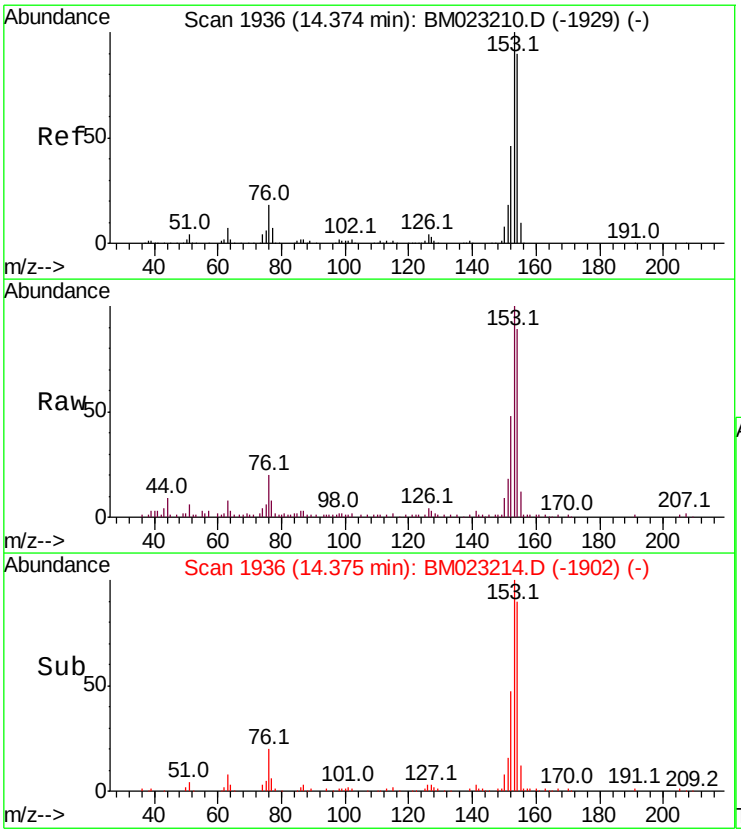
#48
Acenaphthylene
Concen: 1.960 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 180967

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	13.3	10.3	15.5

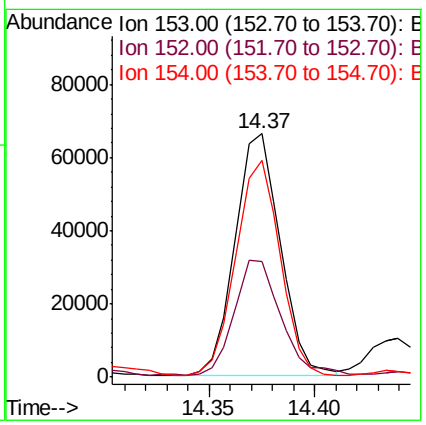


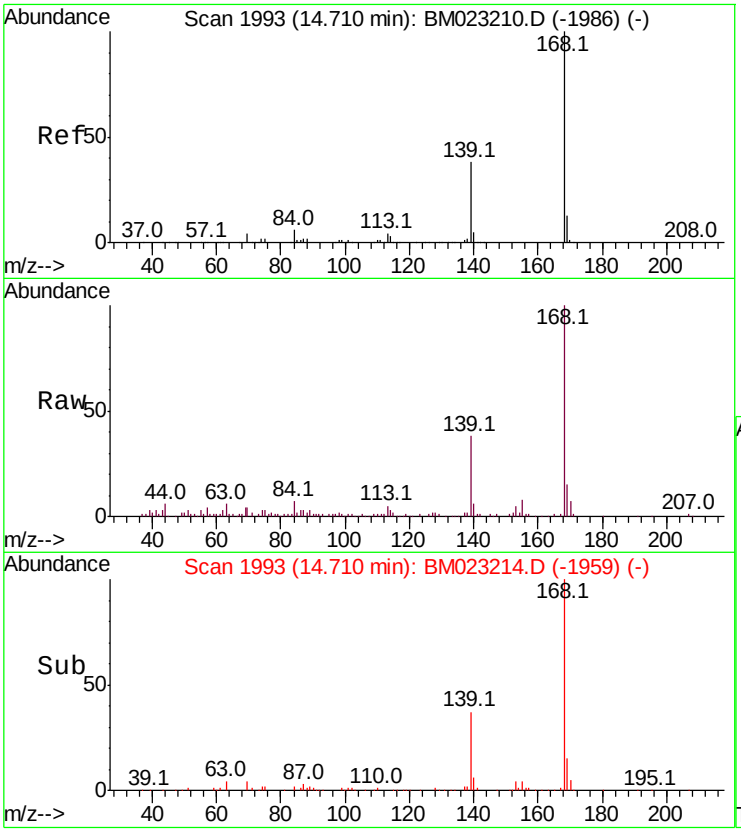


#50
Acenaphthene
Concen: 1.530 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:153 Resp: 98359

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.0	57.0
154	89.0	70.4	105.6



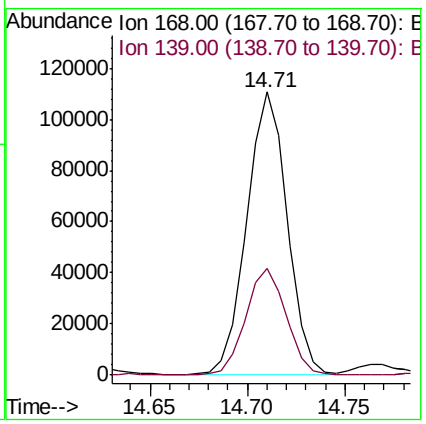


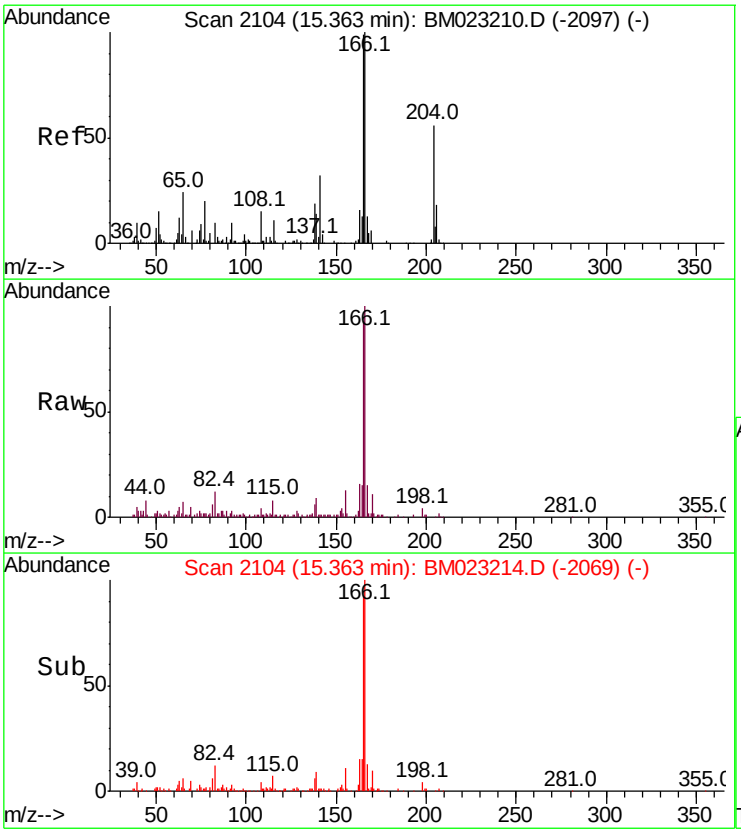
#54
Dibenzofuran
Concen: 1.733 ng/ul
RT: 14.71 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 158220

Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1

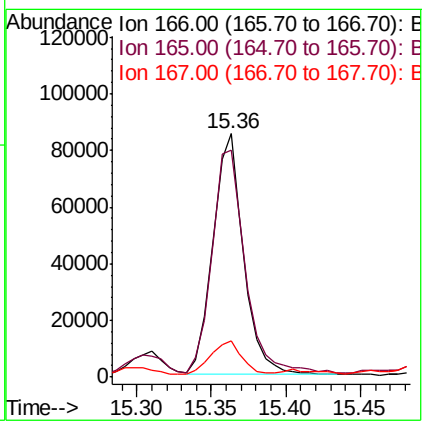


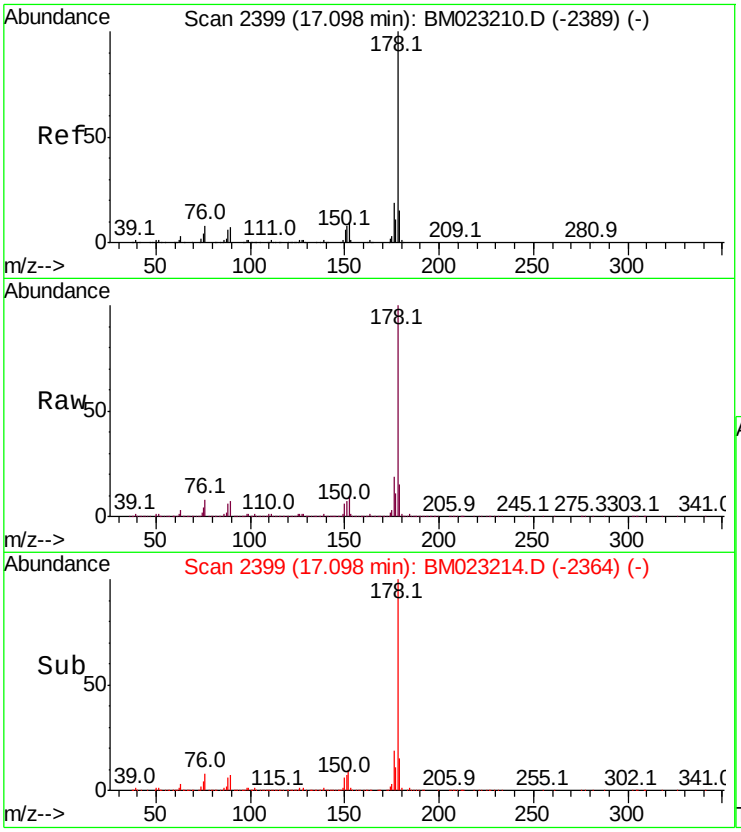


#59
Fluorene
Concen: 1.626 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:166 Resp: 121765

Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.4	116.0
167	15.1	10.8	16.2



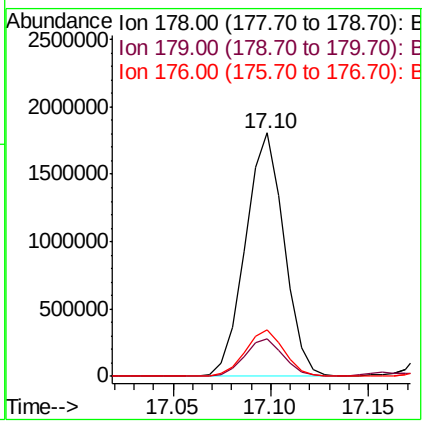


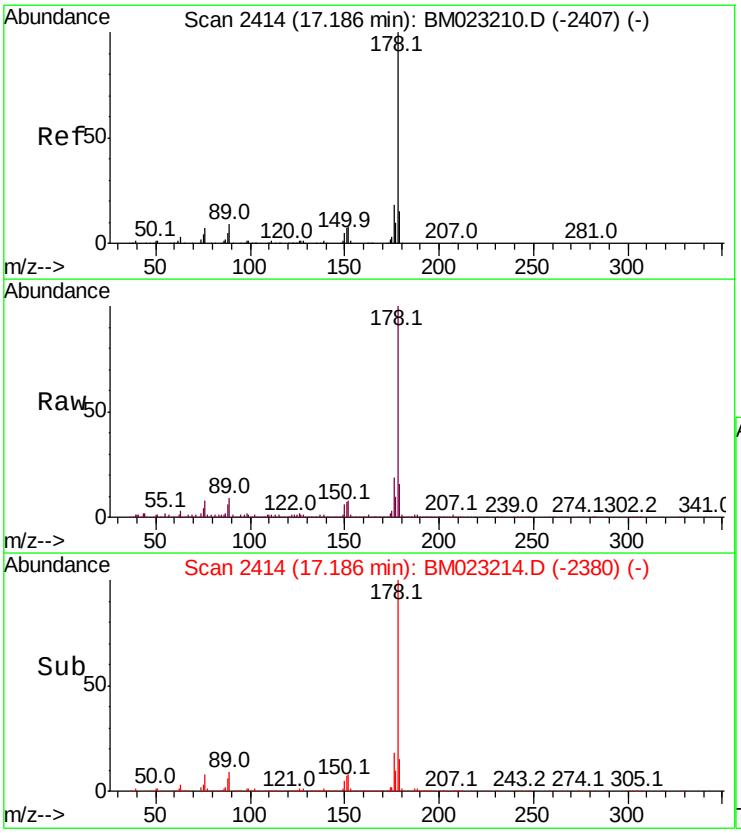
#70
Phenanthrene
Concen: 22.008 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2466945

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	15.5	23.3

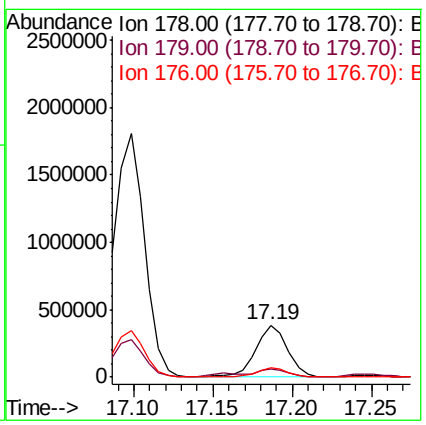


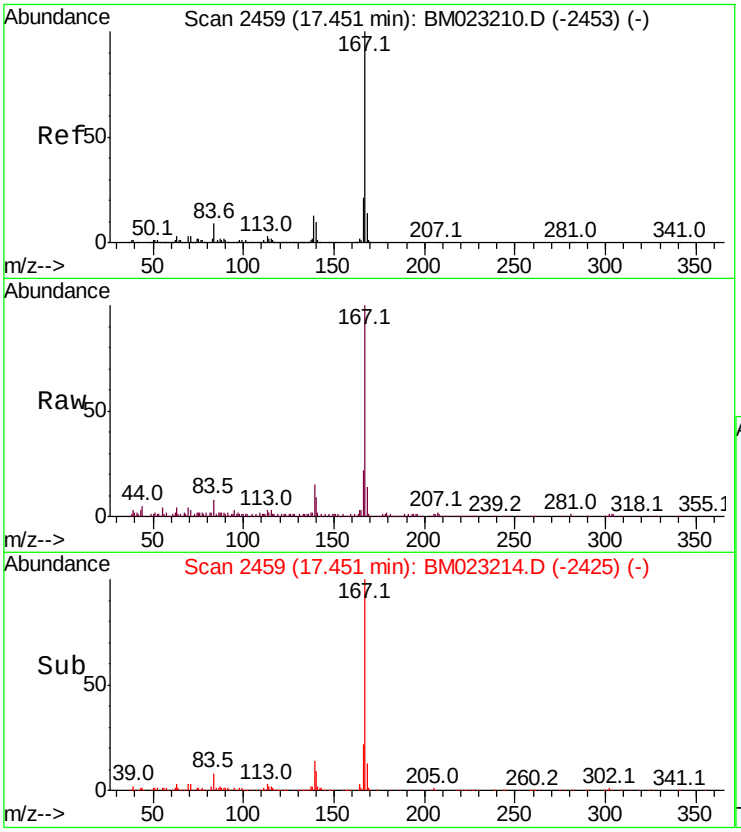


#72
Anthracene
Concen: 4.631 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:178 Resp: 536389

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.5	15.0	22.4



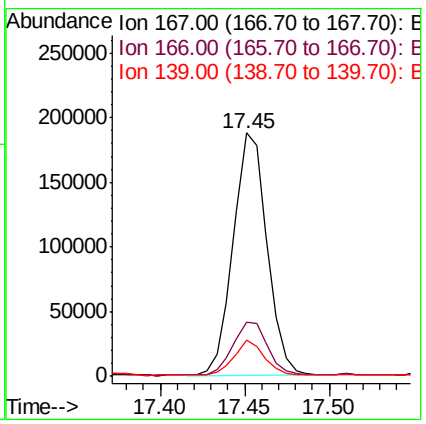


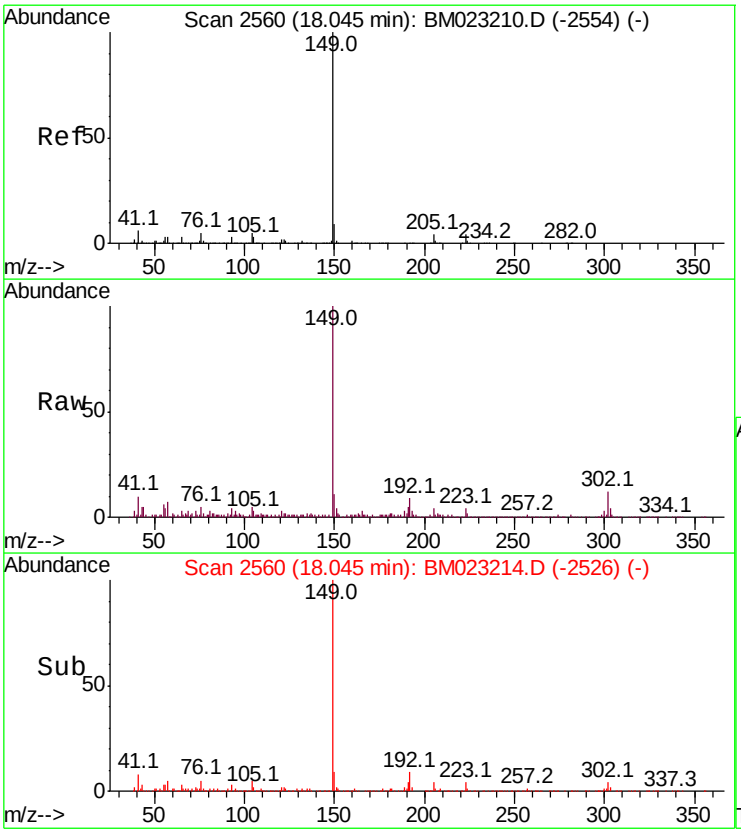
#75
Carbazole
Concen: 2.529 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 261727

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	14.8	10.2	15.2

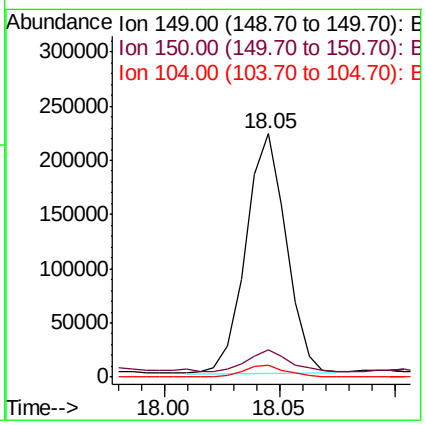


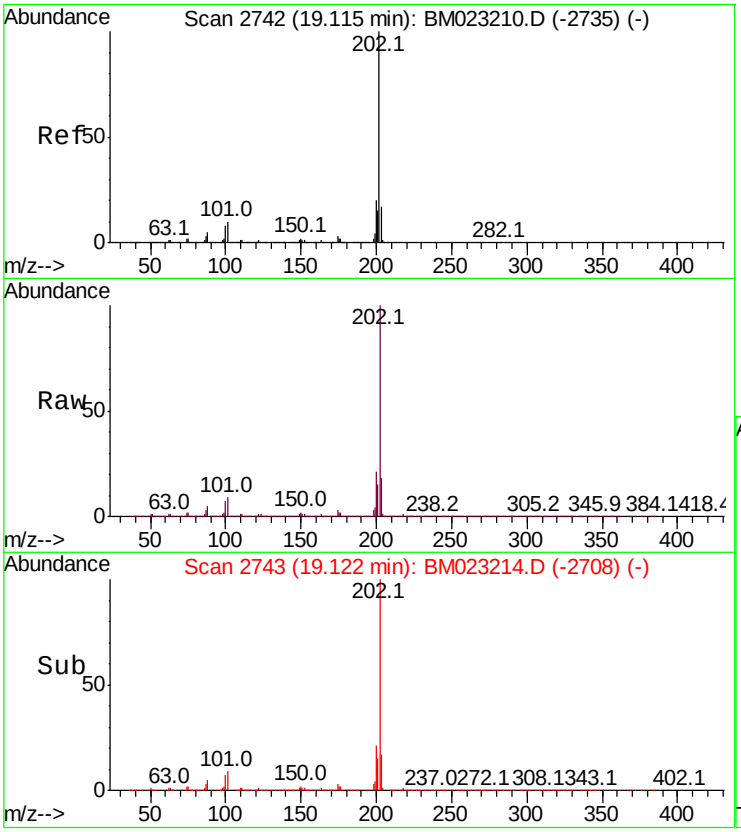


#76
Di-n-butylphthalate
Concen: 2.195 ng/ul
RT: 18.05 min Scan# 2560
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:149 Resp: 270294

Ion	Ratio	Lower	Upper
149	100		
150	11.1	7.0	10.4#
104	4.8	4.0	6.0



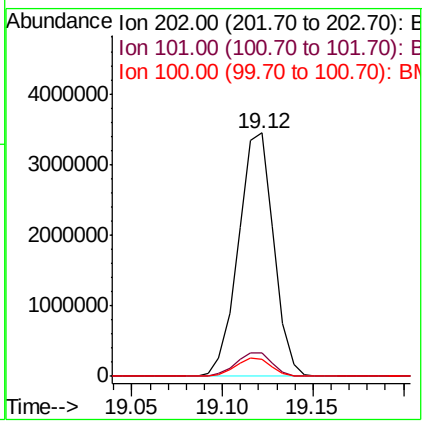


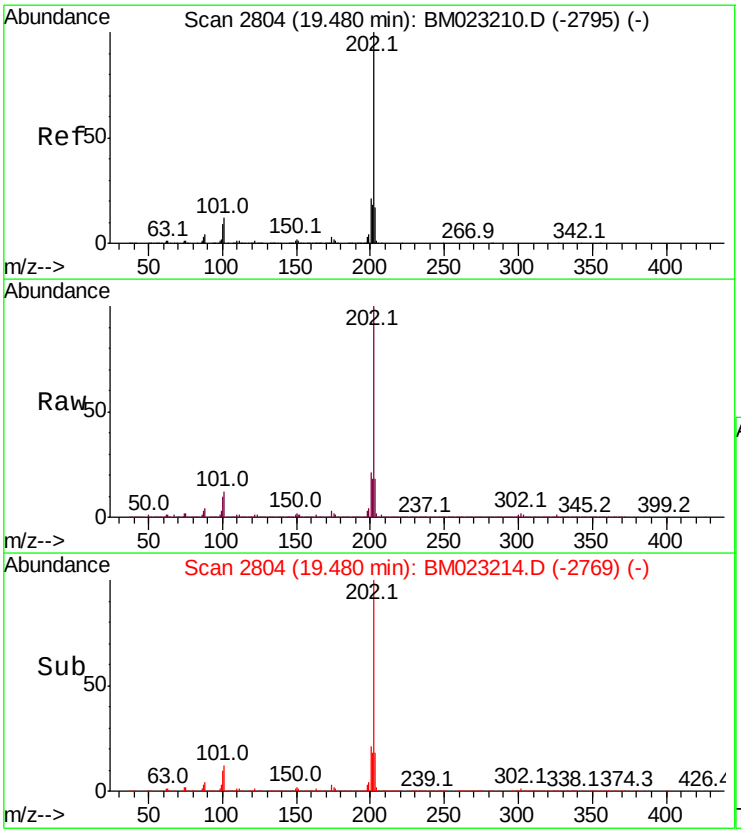
#77
Fluoranthene
Concen: 34.830 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 4643307

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.8
100	7.2	6.1	9.1

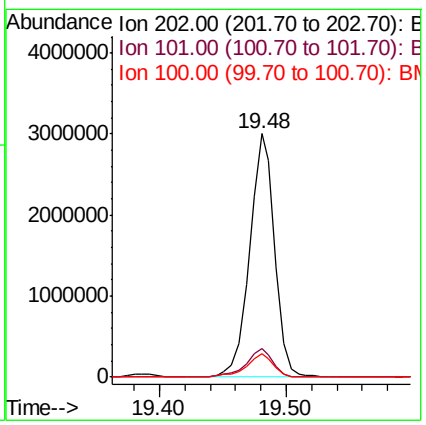


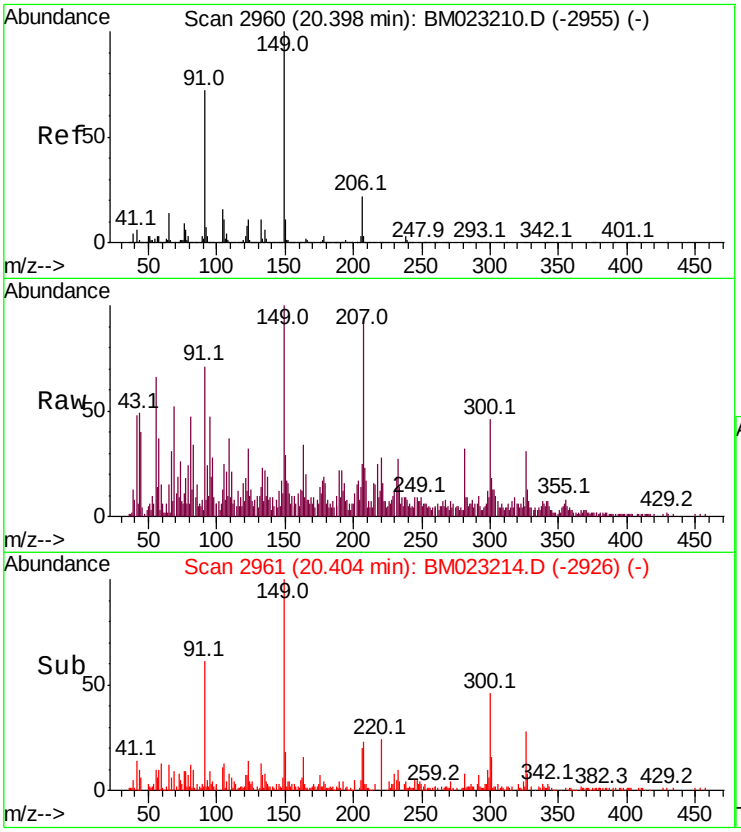


#80
Pyrene
Concen: 32.958 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:202 Resp: 4095367

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.1	13.7
100	9.6	7.5	11.3



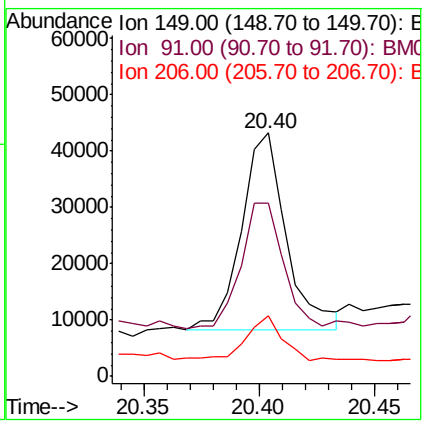


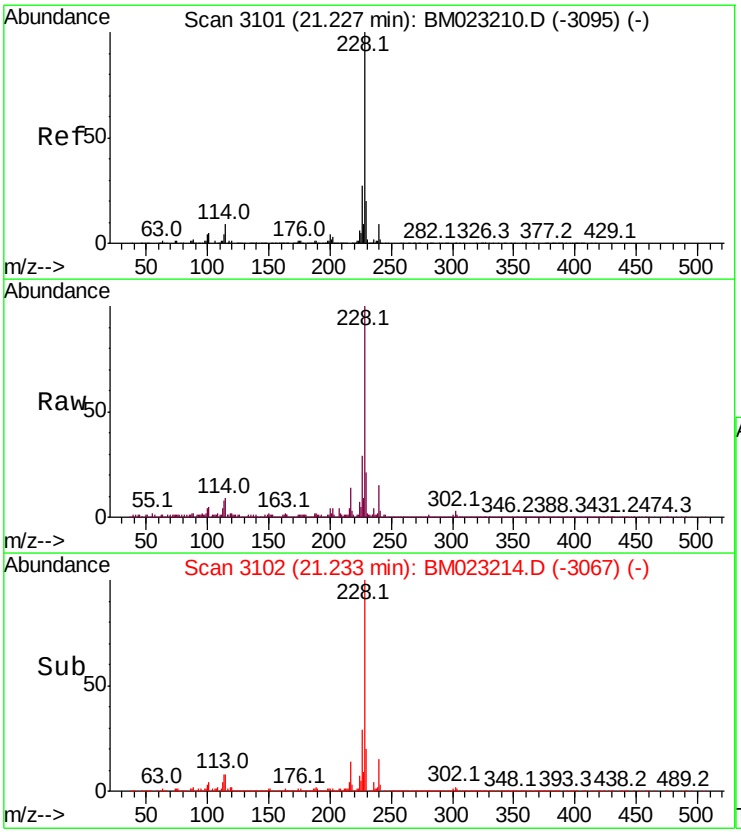
#81
Butylbenzylphthalate
Concen: 1.090 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 47099

Ion	Ratio	Lower	Upper
149	100		
91	71.3	59.9	89.9
206	24.9	17.1	25.7

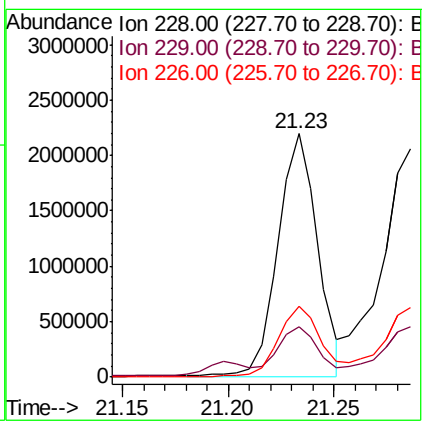


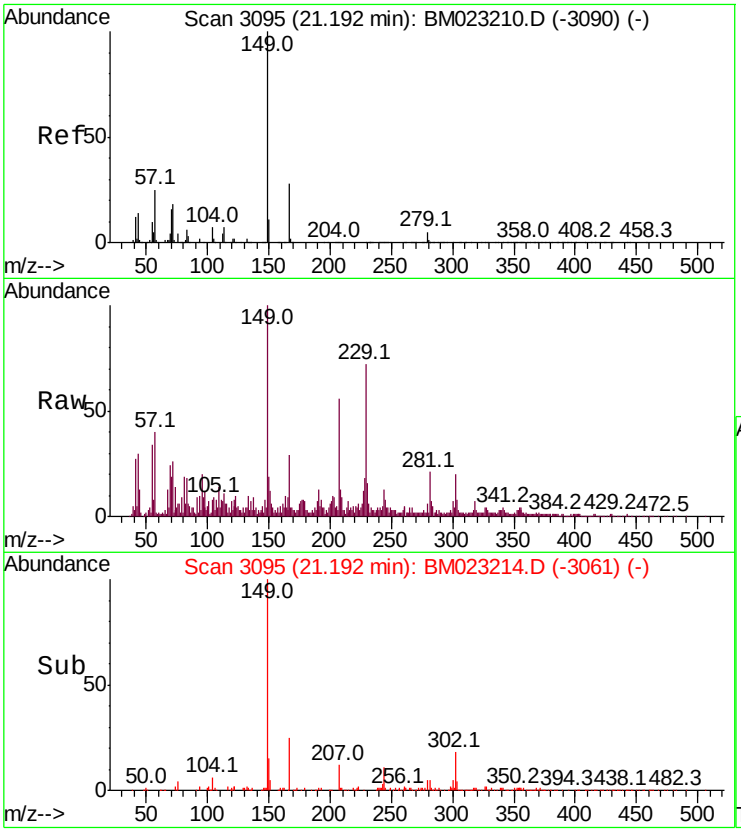


#83
Benzo(a)anthracene
Concen: 21.291 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:228 Resp: 2861438

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	28.9	21.6	32.4



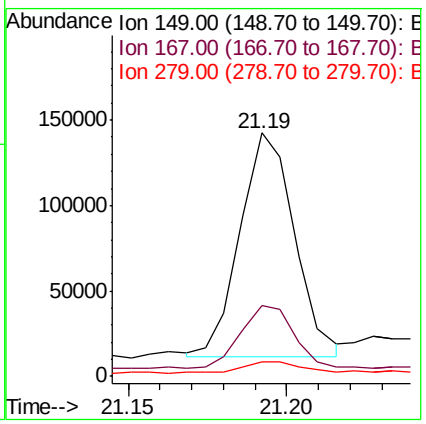


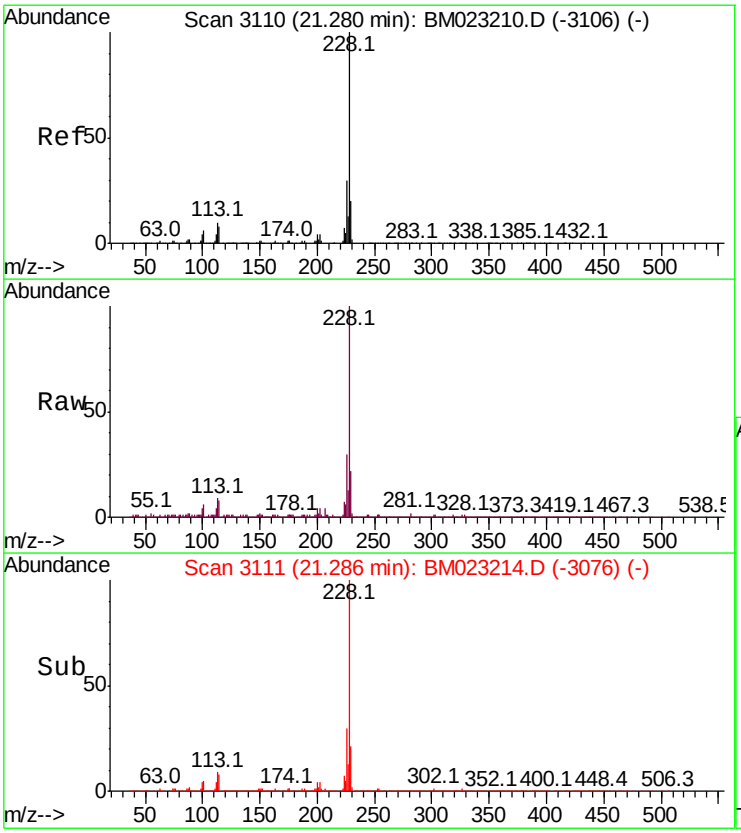
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.288 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 157220

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.5	33.7
279	6.0	4.0	6.0#

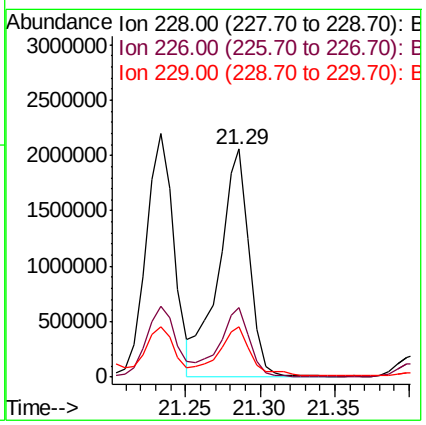


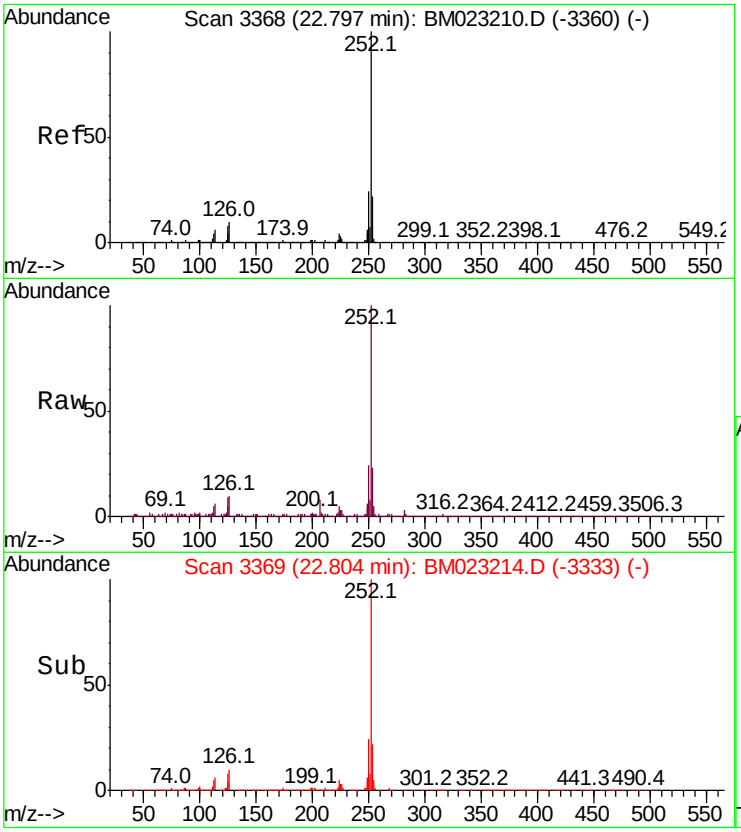


#85
Chrysene
Concen: 23.607 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:228 Resp: 2945961

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	21.9	15.5	23.3



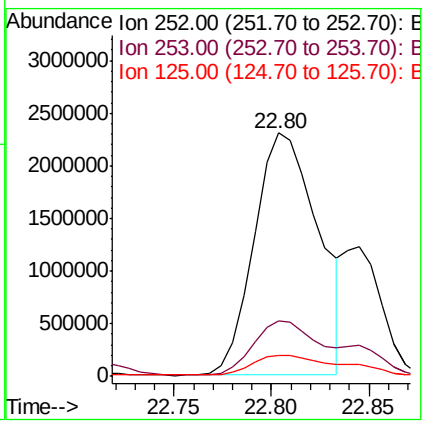


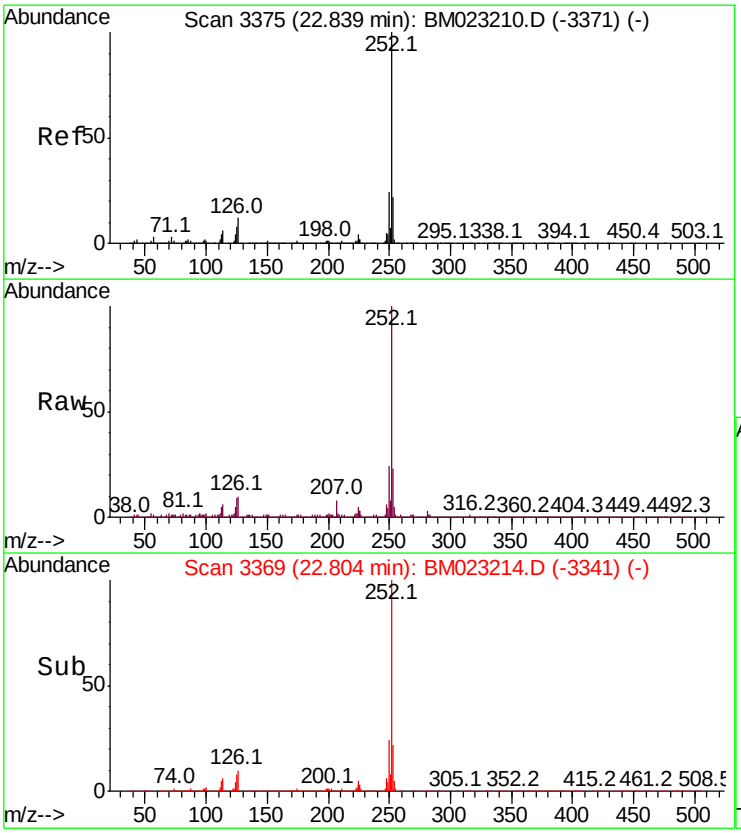
#88
Benzo(b)fluoranthene
Concen: 35.191 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5246407

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.8	6.4	9.6

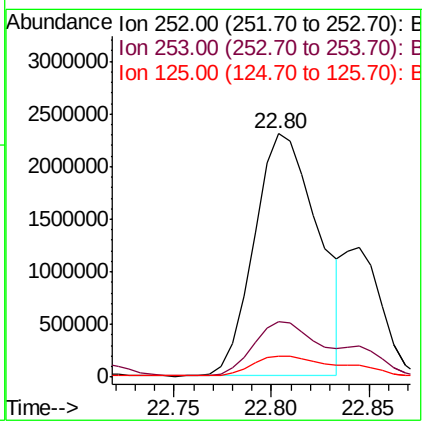


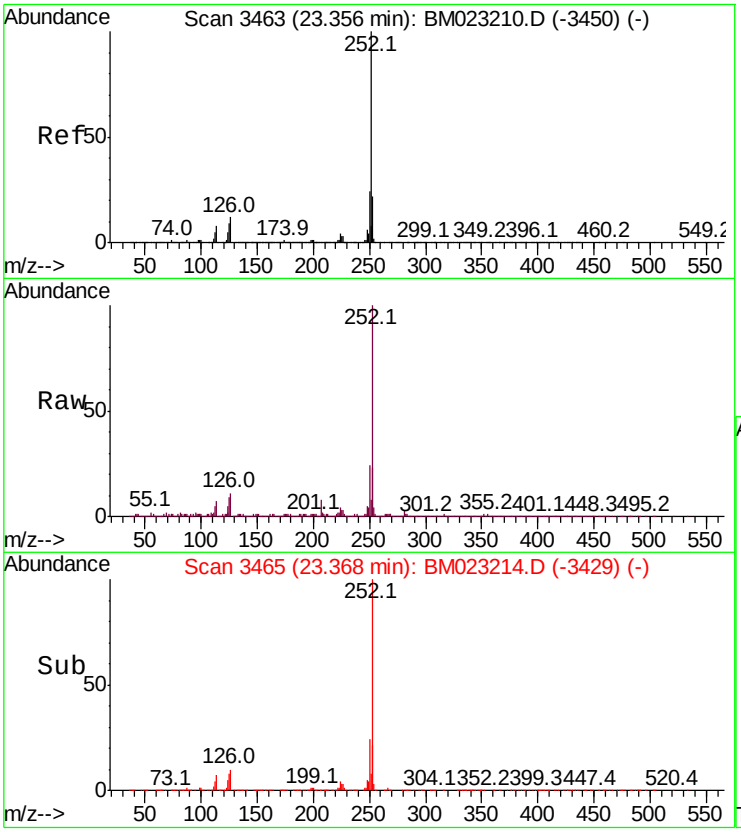


#89
Benzo(k)fluoranthene
Concen: 36.649 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:252 Resp: 5246407

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	8.8	6.5	9.7



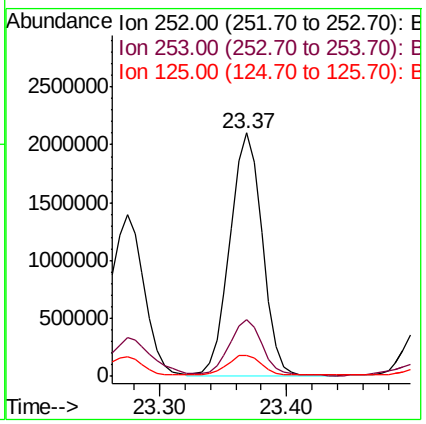


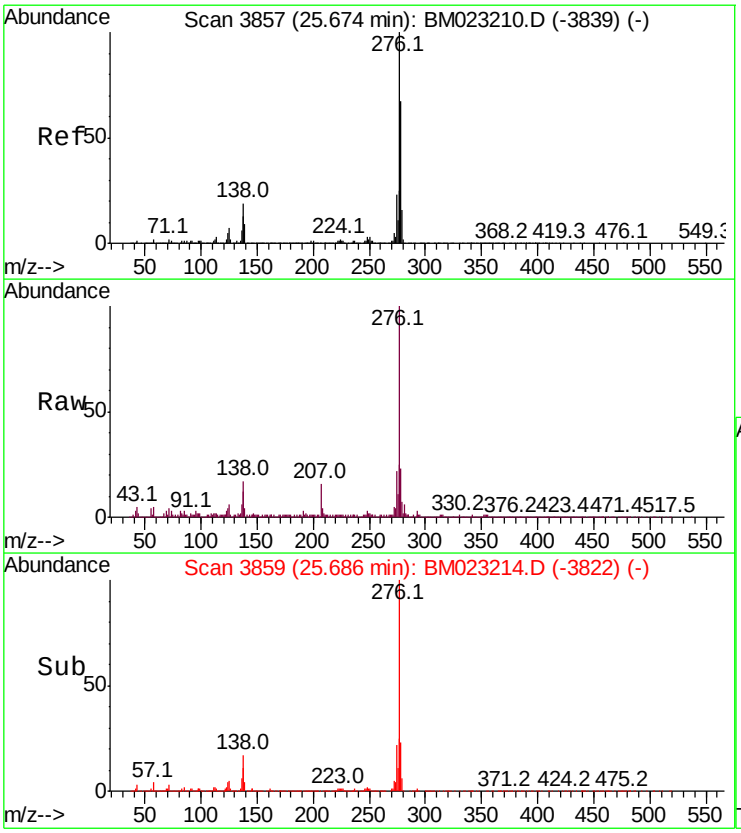
#91
Benzo(a)pyrene
Concen: 25.748 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3682866

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	8.5	7.4	11.0

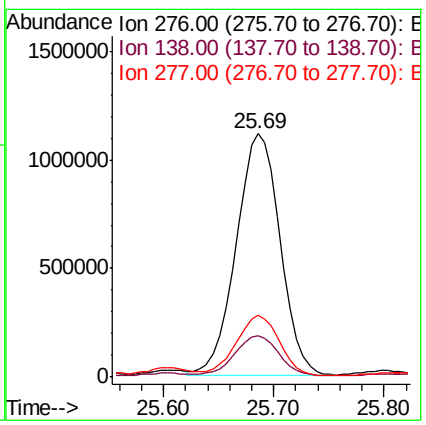


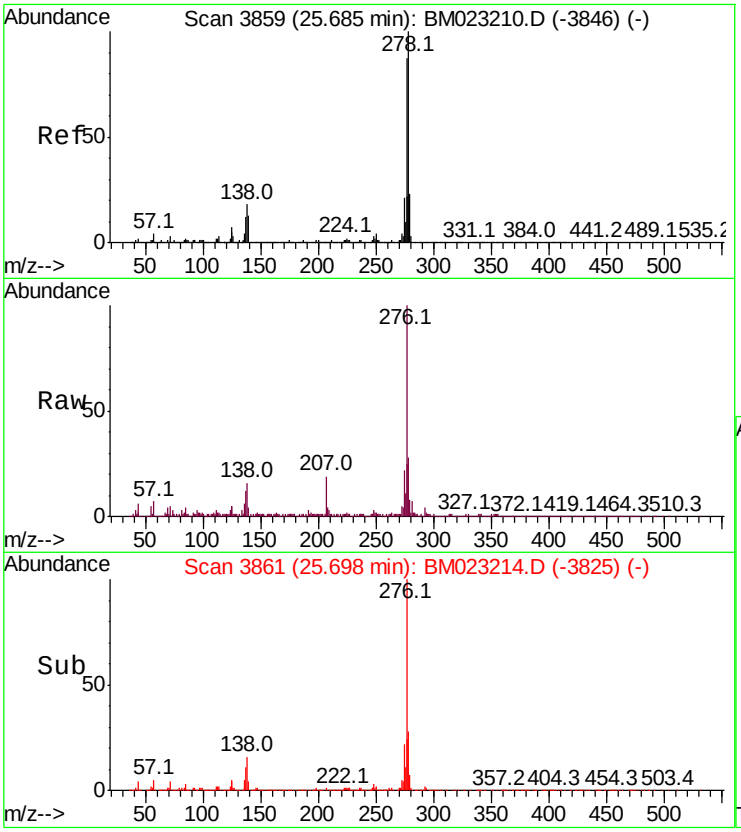


#92
Indeno(1,2,3-cd)pyrene
Concen: 18.187 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. 0.02 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:276 Resp: 3094605

Ion	Ratio	Lower	Upper
276	100		
138	17.1	14.9	22.3
277	25.2	19.8	29.8



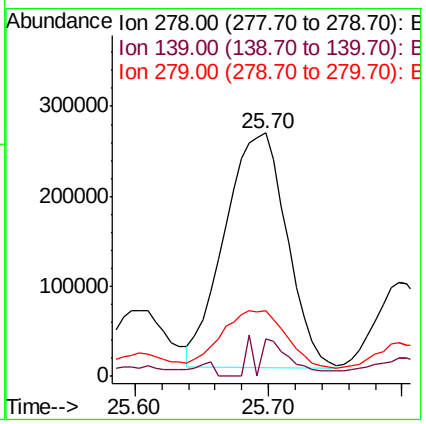


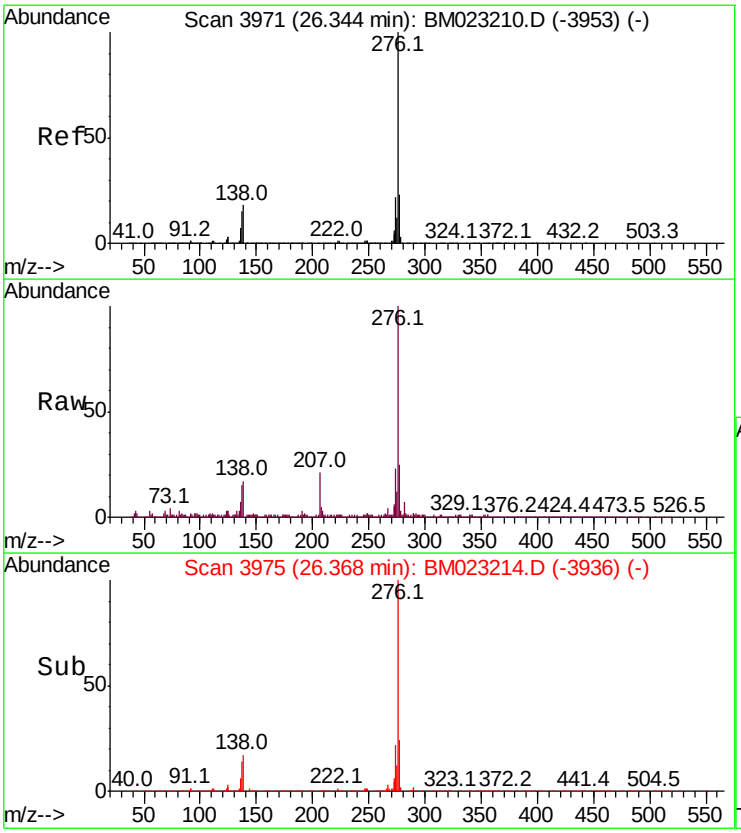
#93
Dibenzo(a,h)anthracene
Concen: 5.943 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. 0.01 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 845576

Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.0	15.0#
279	26.8	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 18.680 ng/ul
RT: 26.37 min Scan# 3975
Delta R.T. 0.03 min
Lab File: BM023214.D
Acq: 17 Oct 2019 10:26

Tgt Ion:276 Resp: 2617027

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.4	21.6
277	24.9	19.4	29.2