Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023215.D
Acq On : 17 Oct 2019 11:02
Operator : JU
Sample : K5262-18
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 17 12:36:13 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	363765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1393348	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	801808	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1534325	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1554603	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	1918385	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	16412	1.99	ng/uL	0.00
5) Phenol-d5	6.83	99	275019	8.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	162910	9.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	230065	9.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	212388	8.35	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	105822	11.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	109786	12.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	222744	9.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	159061	5.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	662762	10.79	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	776007	10.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	66684	6.70	ng/ul	0.00
58) Fluorene-d10	15.30	176	562765	10.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	28023	4.61	ng/ul	0.01
71) Anthracene-d10	17.16	188	847323	11.45	ng/ul	0.00
79) Pyrene-d10	19.45	212	912143	12.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	1122769	11.55	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.86	94	55023	1.684	ng/ul	95
28) Naphthalene	10.49	128	375862	5.219	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	139386	2.601	ng/ul	99
35) 1-Methylnaphthalene	12.34	142	116992	2.256	ng/ul	98
45) Dimethylphthalate	13.77	163	244404	3.974	ng/ul	98
48) Acenaphthylene	14.03	152	618779	8.398	ng/ul	99
50) Acenaphthene	14.37	153	470465	9.169	ng/ul	100
54) Dibenzofuran	14.71	168	584957	8.031	ng/ul	99
59) Fluorene	15.36	166	615155	10.293	ng/ul	98
70) Phenanthrene	17.10	178	10469905	121.591	ng/ul	99
72) Anthracene	17.19	178	2409663	27.081	ng/ul	99
75) Carbazole	17.46	167	1073406	13.504	ng/ul	99
77) Fluoranthene	19.27	202	226927	2.216	ng/ul	100
80) Pyrene	19.49	202	13430123	137.901	ng/ul	95
83) Benzo(a)anthracene	21.24	228	8126139	77.145	ng/ul	95
85) Chrysene	21.29	228	7702723	78.753	ng/ul	97
88) Benzo(b)fluoranthene	22.82	252	11954939	102.783	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	11954939	107.042	ng/ul	97
91) Benzo(a)pyrene	23.38	252	8883099	79.604	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.70	276	6982706	52.599	ng/ul	97
93) Dibenzo(a,h)anthracene	25.71	278	1793173	16.155	ng/ul#	86
94) Benzo(g,h,i)perylene	26.39	276	4854986	44.419	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023215.D
Acq On : 17 Oct 2019 11:02
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 17 12:36:13 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)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023215.D
Acq On : 17 Oct 2019 11:02
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Quant Title : SVOA CALIBRATION
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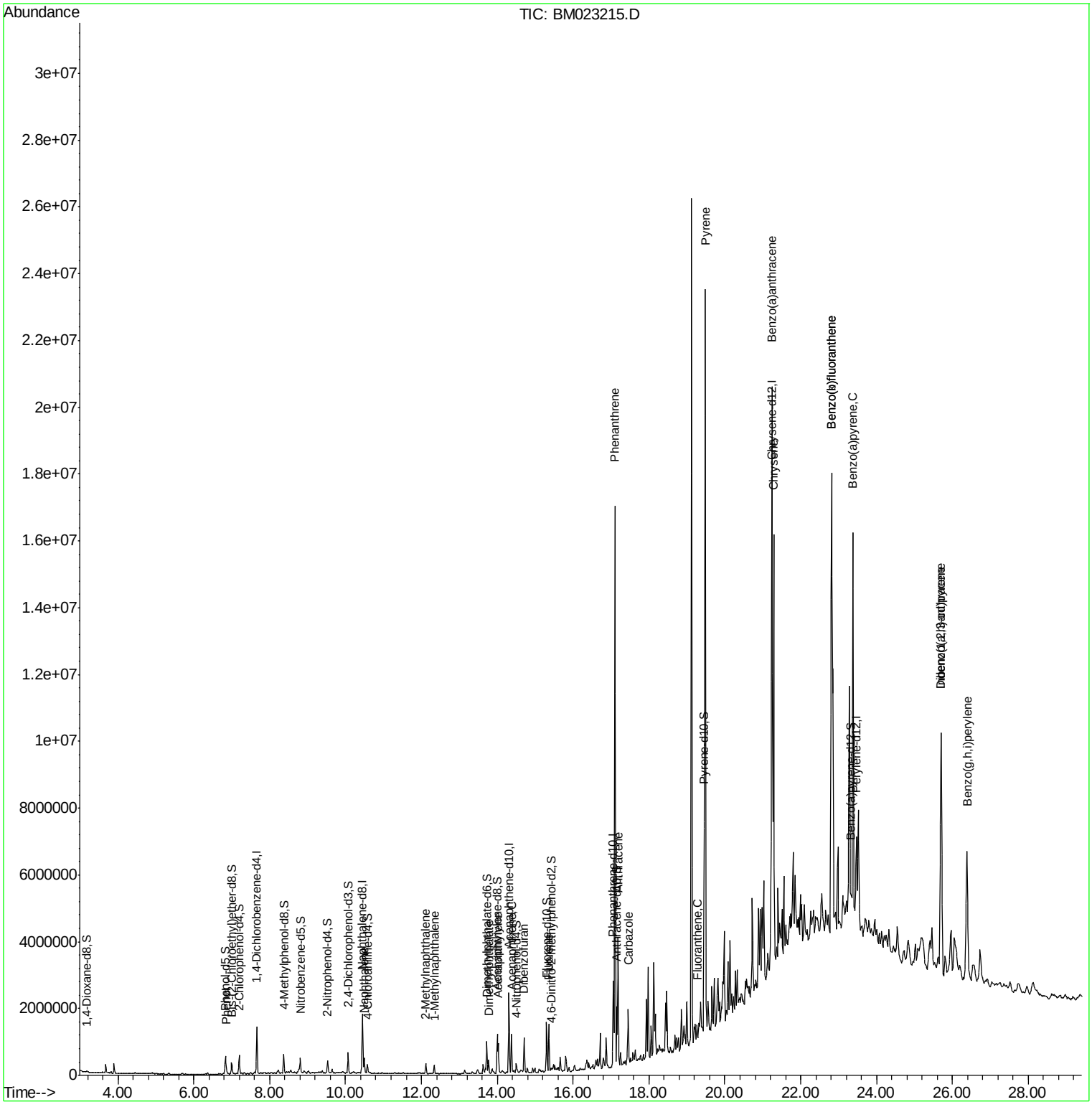
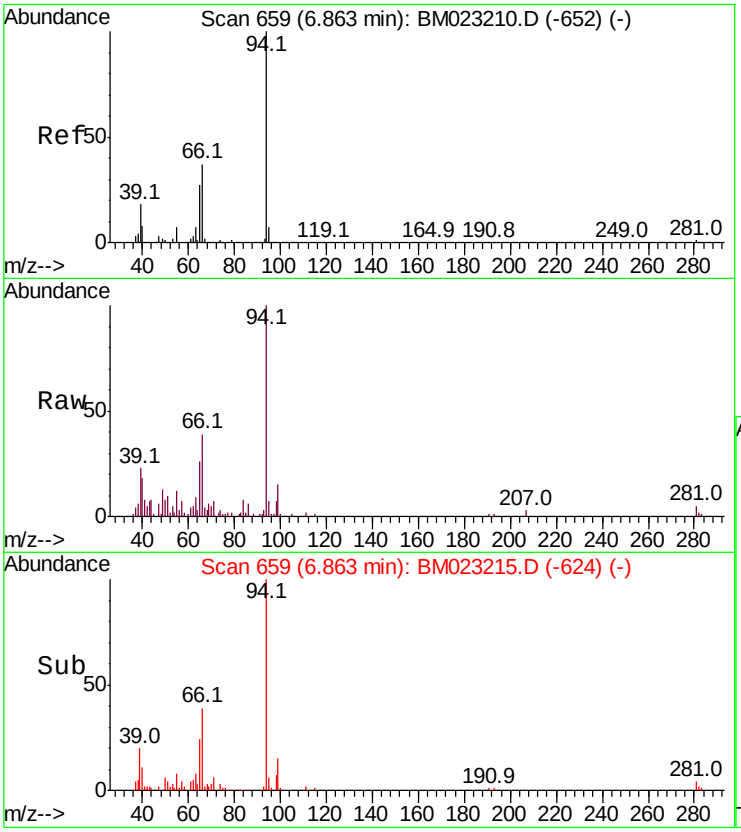
Response via : Initial Calibration



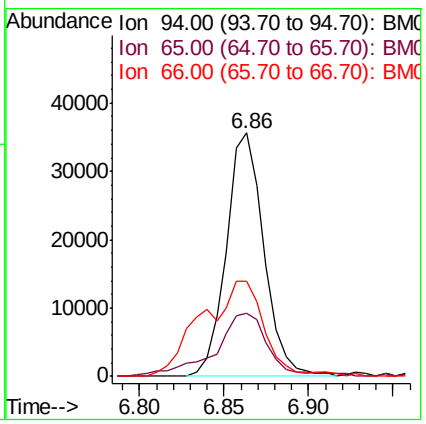


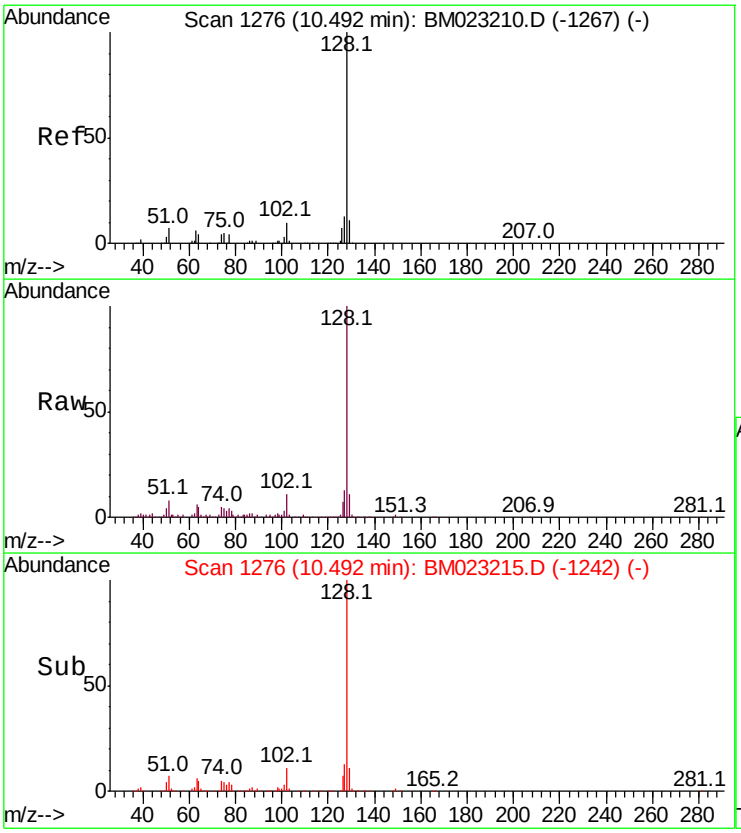
#6
Phenol
Concen: 1.684 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 55023

Ion	Ratio	Lower	Upper
94	100		
65	25.7	23.7	35.5
66	38.9	32.9	49.3

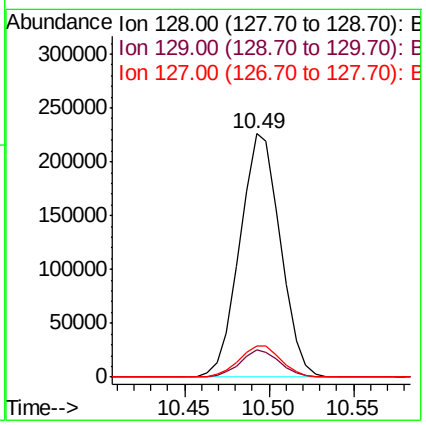


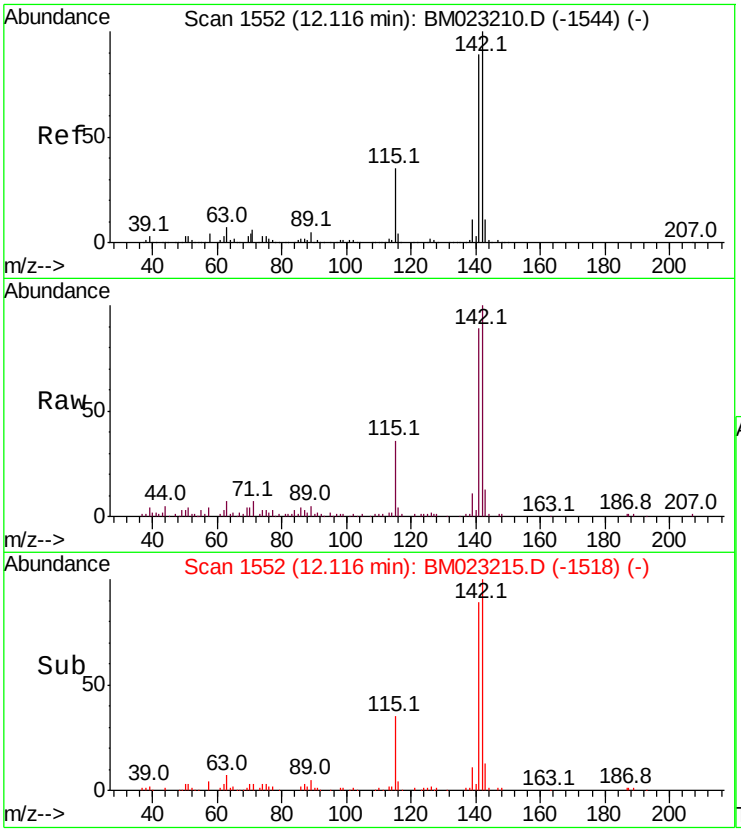


#28
Naphthalene
Concen: 5.219 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:128 Resp: 375862

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	12.8	10.2	15.4



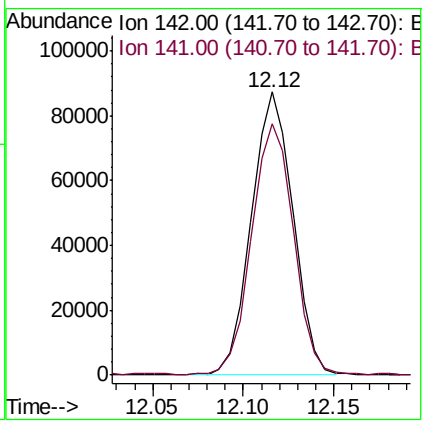


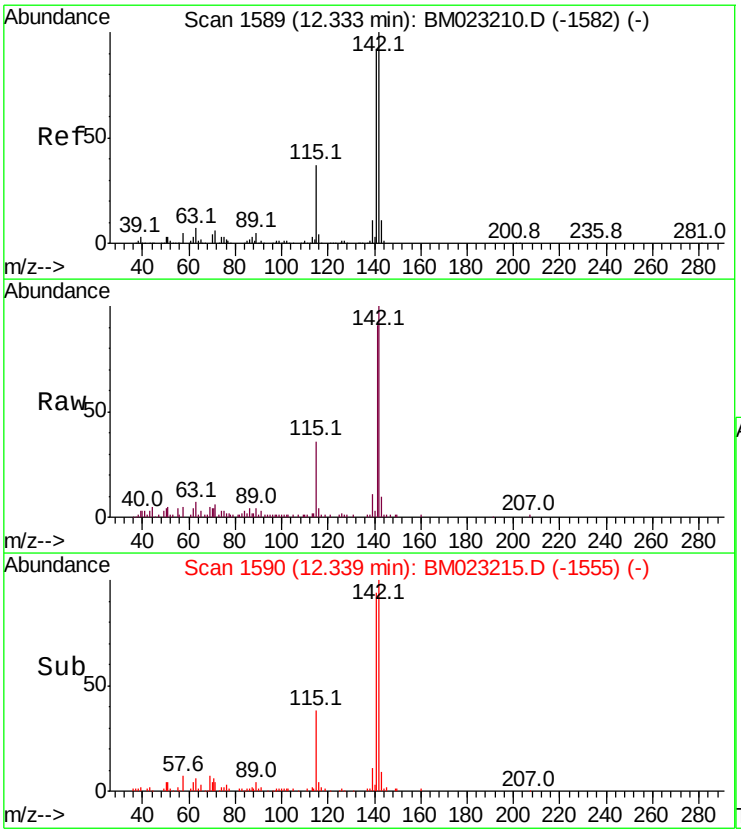
#34
2-Methylnaphthalene
Concen: 2.601 ng/ul
RT: 12.12 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 139386

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.1	108.1

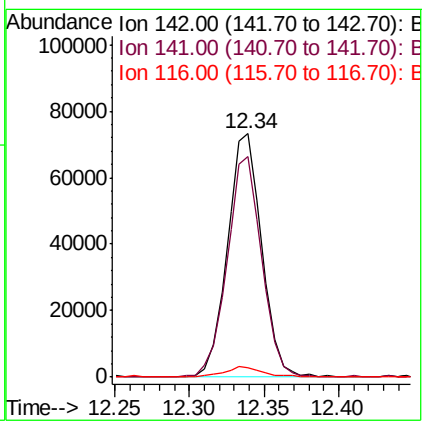


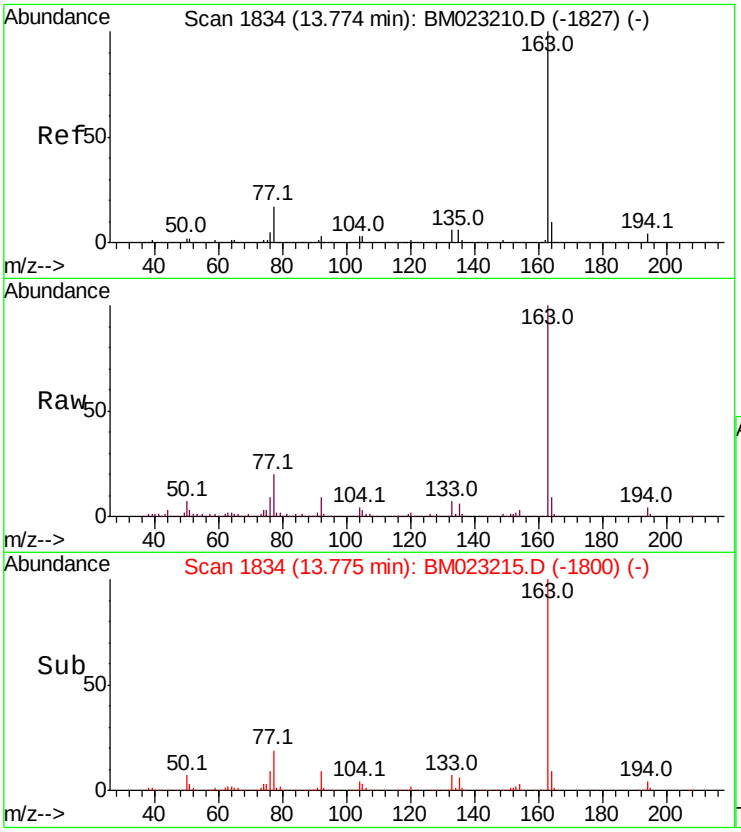


#35
1-Methylnaphthalene
Concen: 2.256 ng/ul
RT: 12.34 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:142 Resp: 116992

Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.2
116	4.0	3.3	4.9



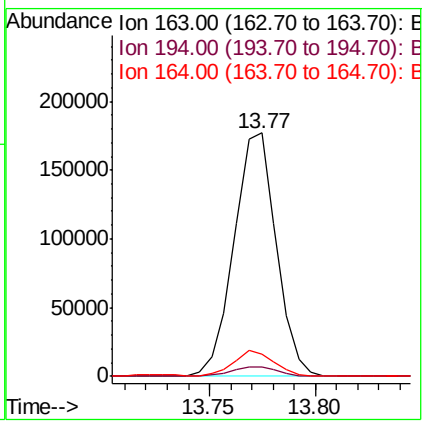


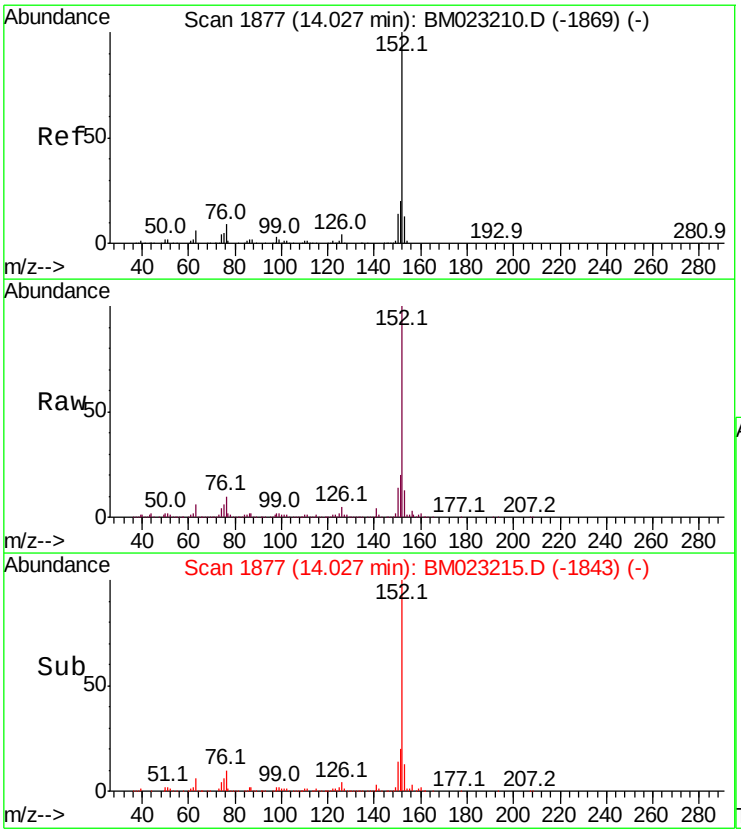
#45
Dimethylphthalate
Concen: 3.974 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 244404

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.2	8.0	12.0

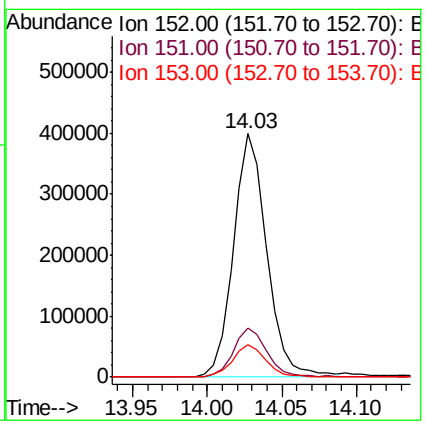


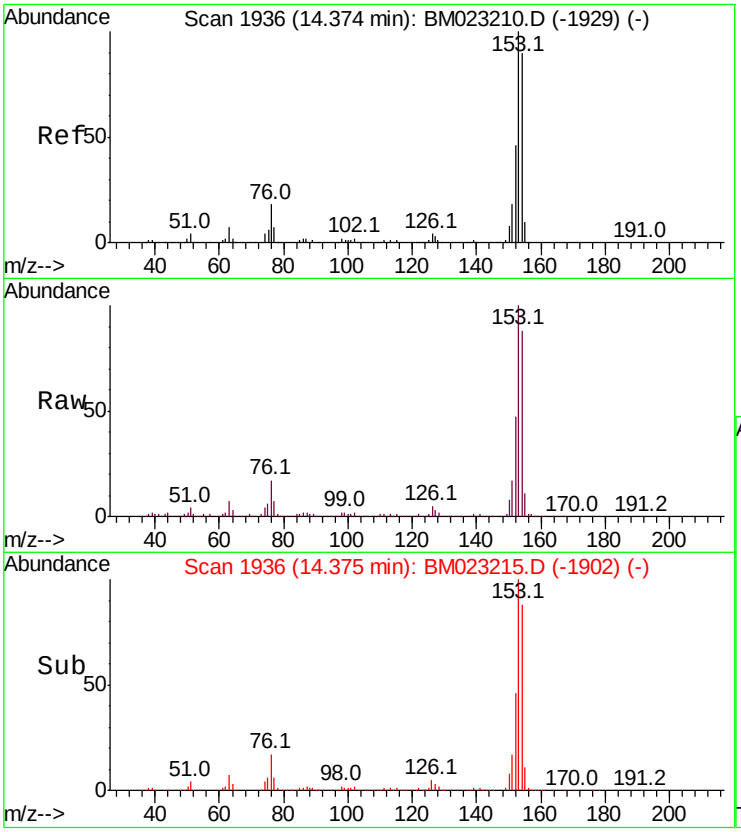


#48
Acenaphthylene
Concen: 8.398 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:152 Resp: 618779

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.3	10.3	15.5



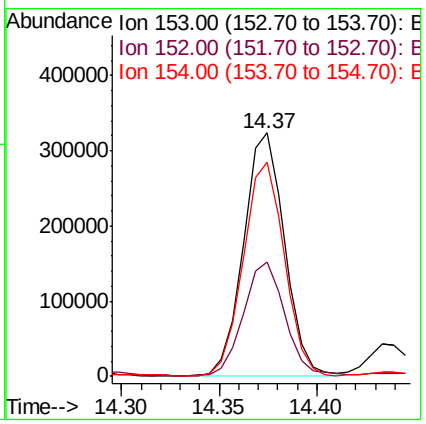


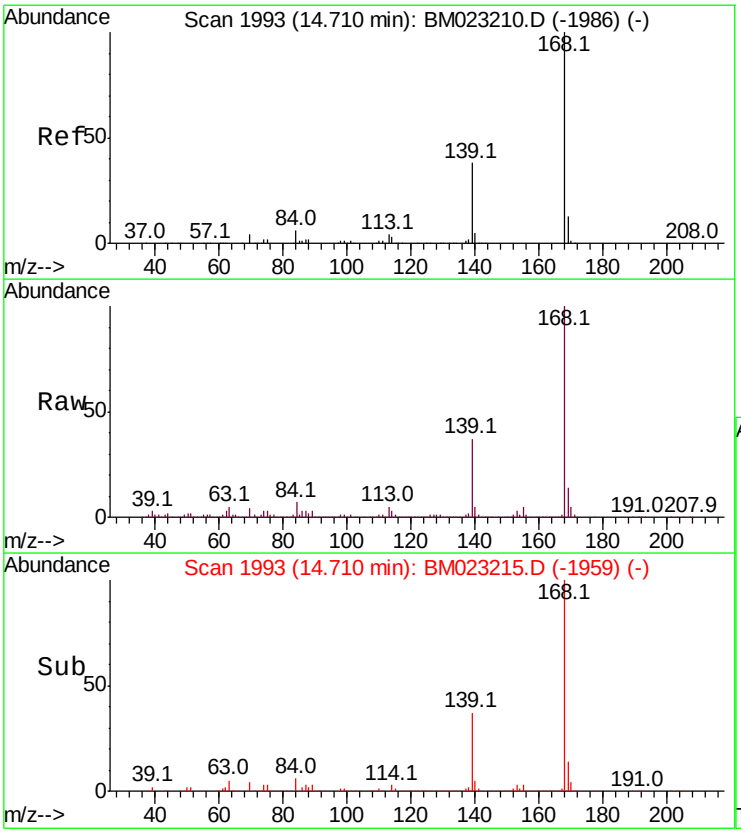
#50
Acenaphthene
Concen: 9.169 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 470465

Ion	Ratio	Lower	Upper
153	100		
152	46.8	38.0	57.0
154	88.1	70.4	105.6

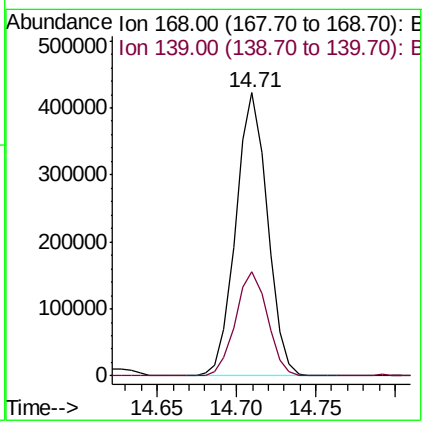


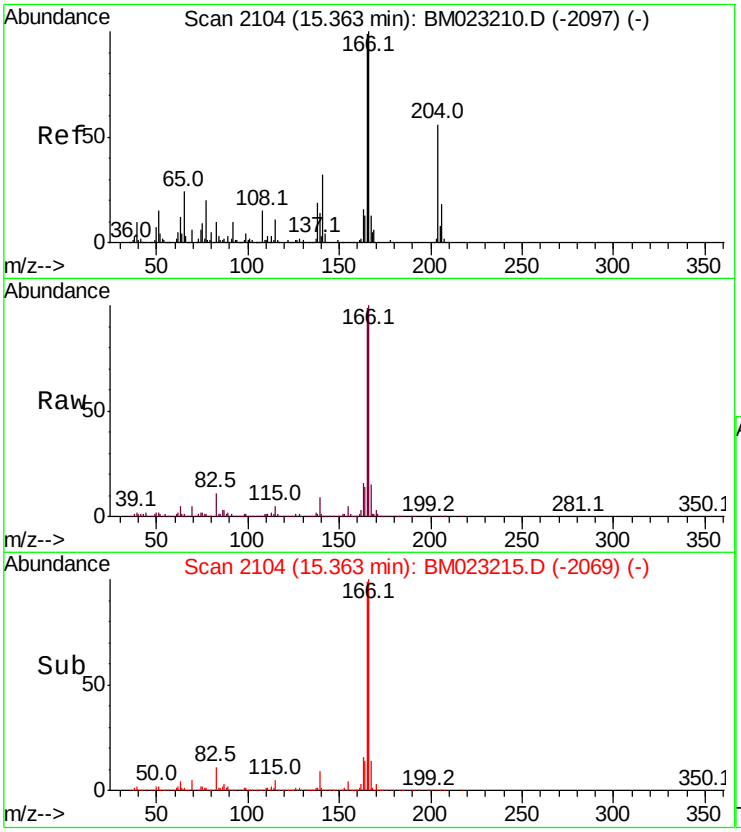


#54
Dibenzofuran
Concen: 8.031 ng/ul
RT: 14.71 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:168 Resp: 584957

Ion	Ratio	Lower	Upper
168	100		
139	36.8	30.1	45.1



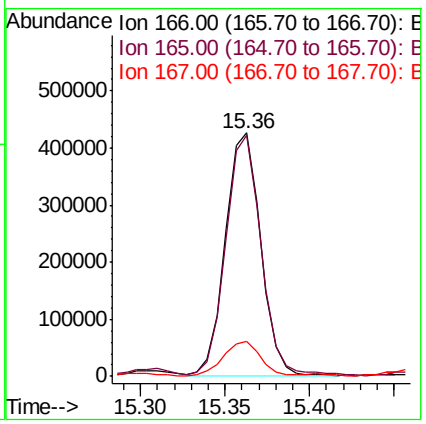


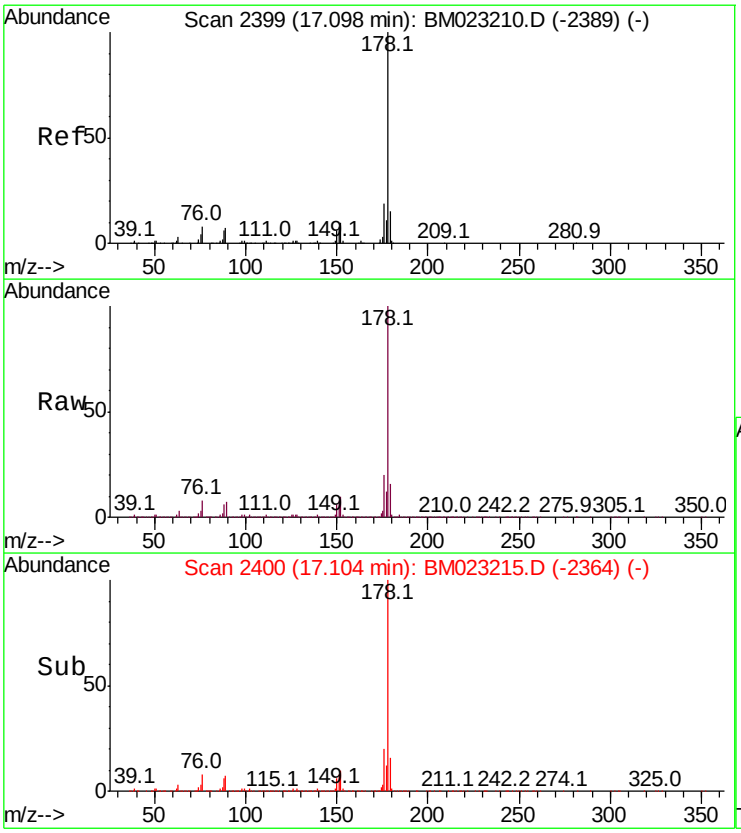
#59
Fluorene
Concen: 10.293 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 615155

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.4	116.0
167	14.6	10.8	16.2

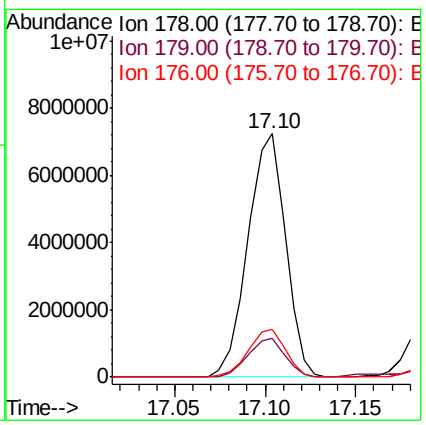


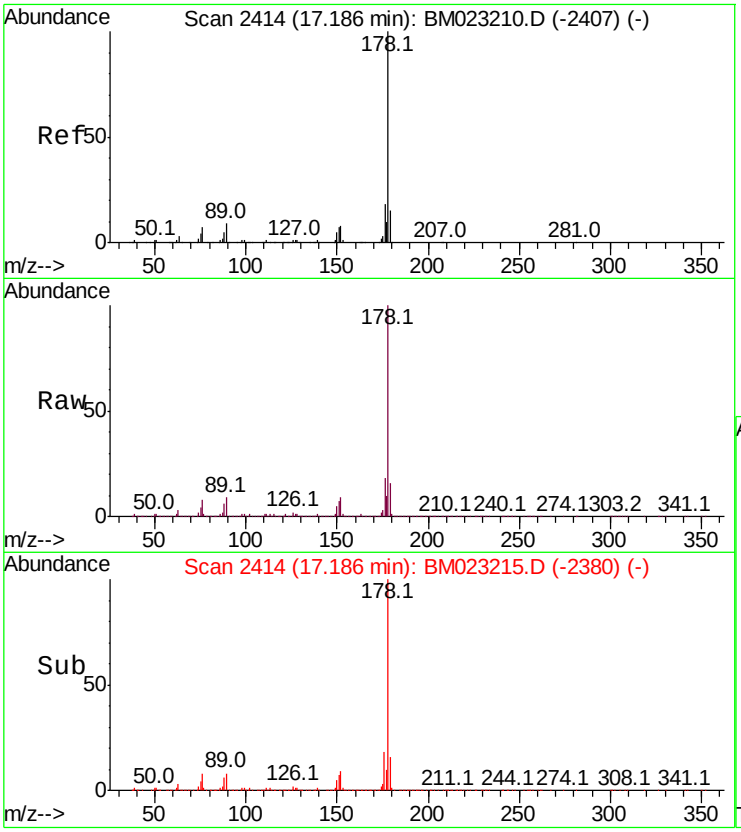


#70
Phenanthrene
Concen: 121.591 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:178 Resp:10469905

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.8	15.5	23.3



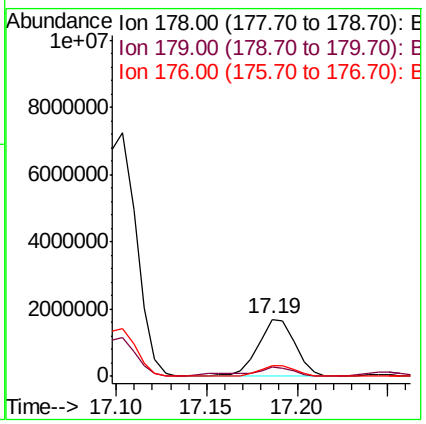


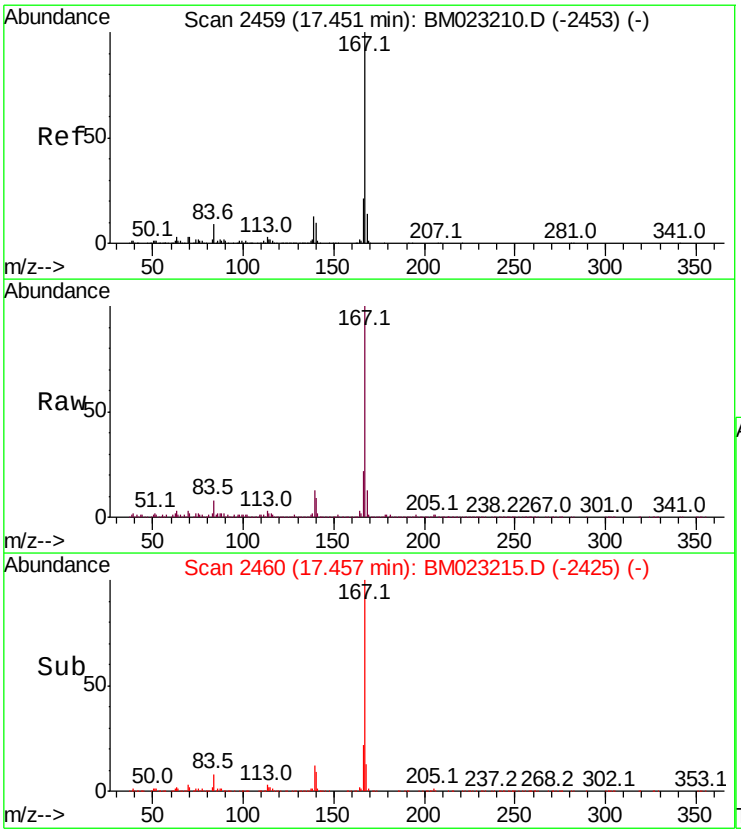
#72
Anthracene
Concen: 27.081 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2409663

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.4	15.0	22.4

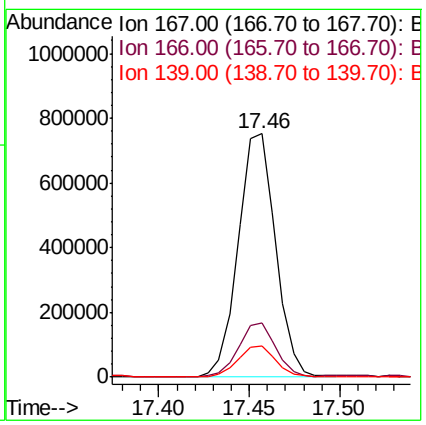


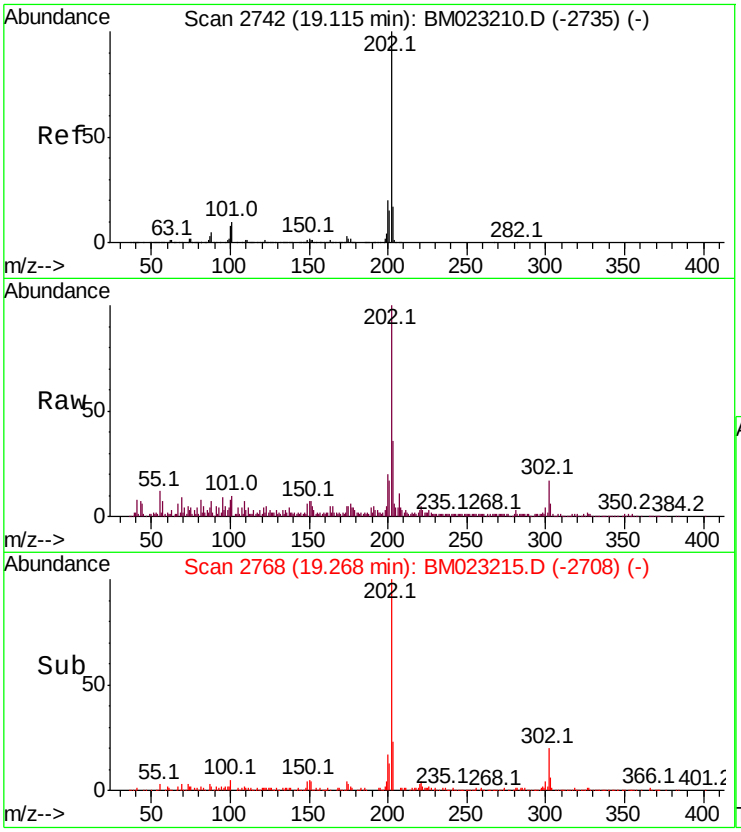


#75
Carbazole
Concen: 13.504 ng/ul
RT: 17.46 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:167 Resp: 1073406

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.0
139	12.6	10.2	15.2



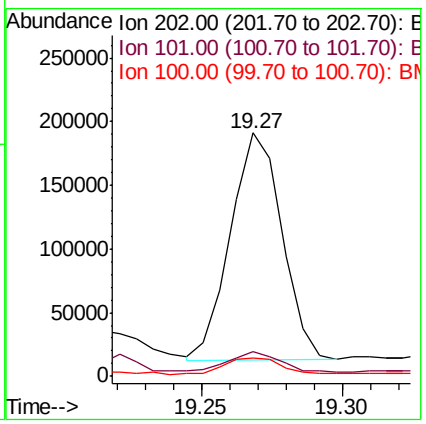


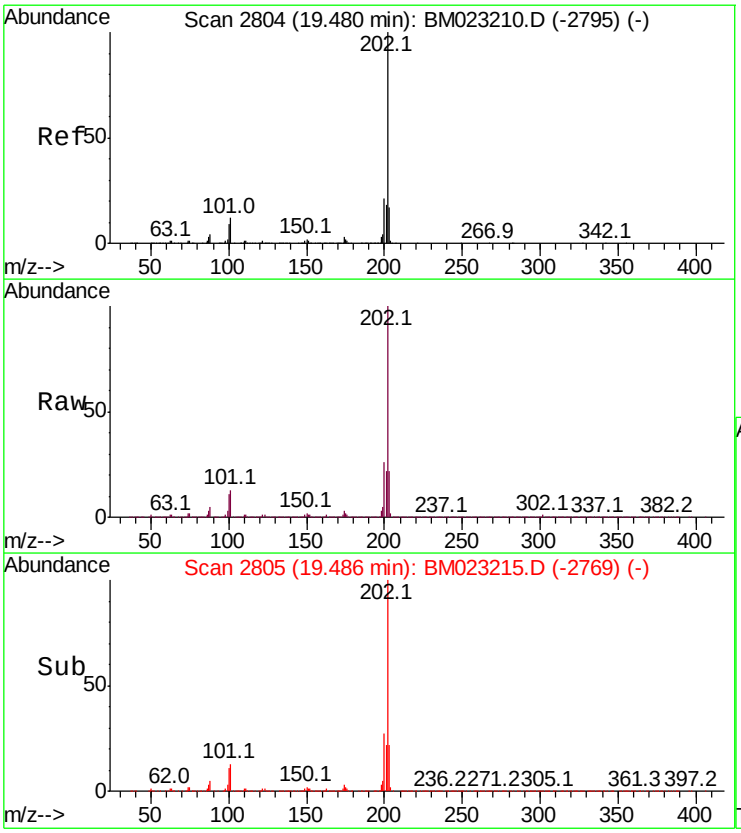
#77
Fluoranthene
Concen: 2.216 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.15 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 226927

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	7.6	6.1	9.1

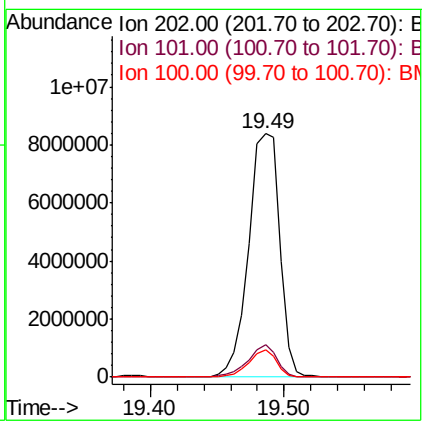


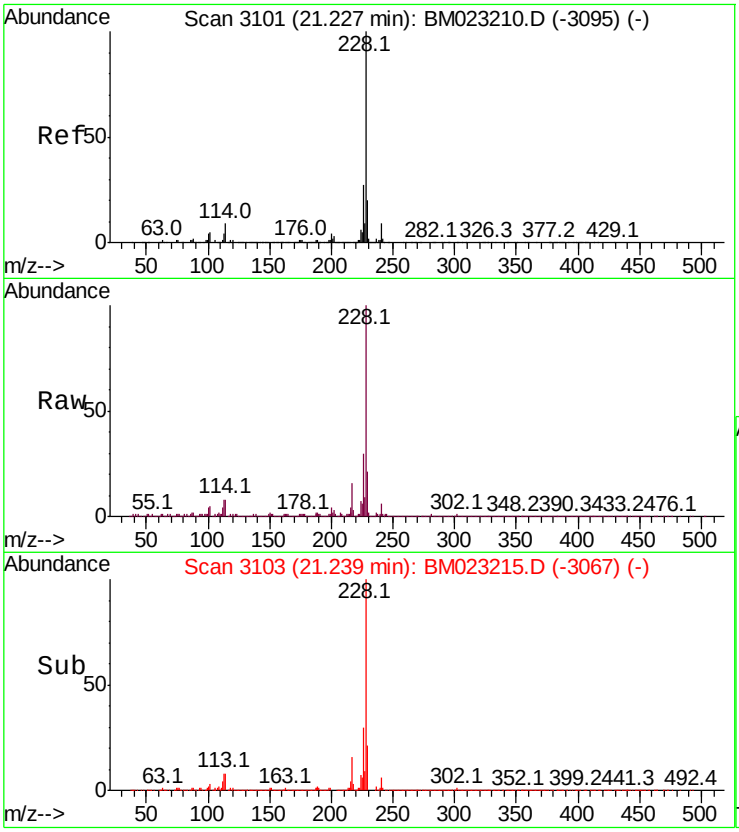


#80
Pyrene
Concen: 137.901 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:202 Resp:13430123

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.1	13.7
100	11.1	7.5	11.3



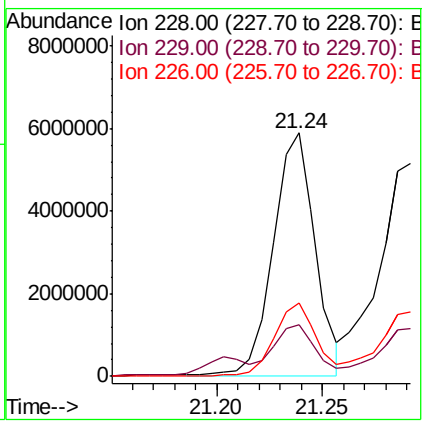


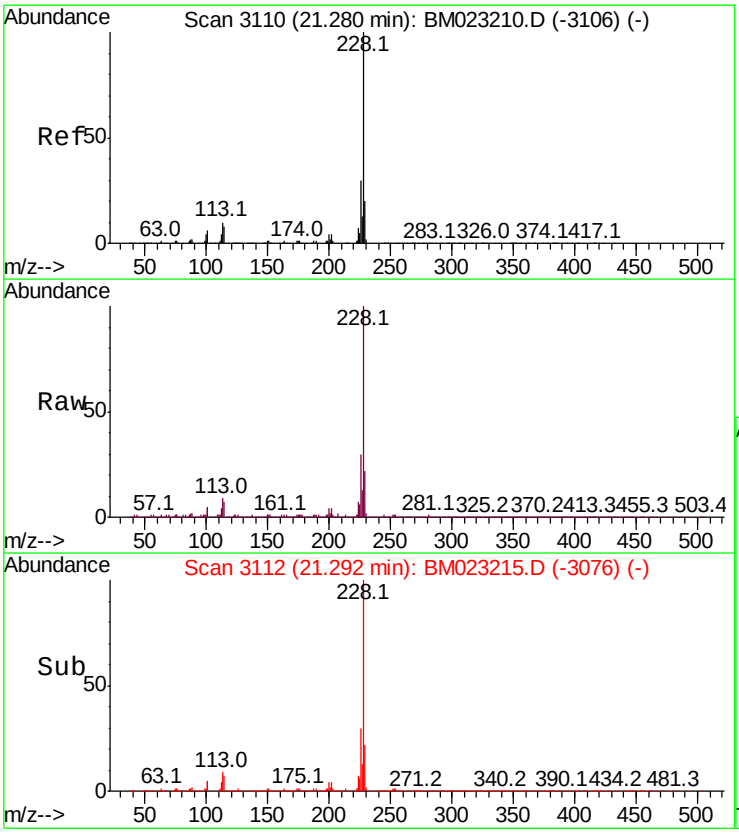
#83
Benzo(a)anthracene
Concen: 77.145 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 8126139

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	30.1	21.6	32.4

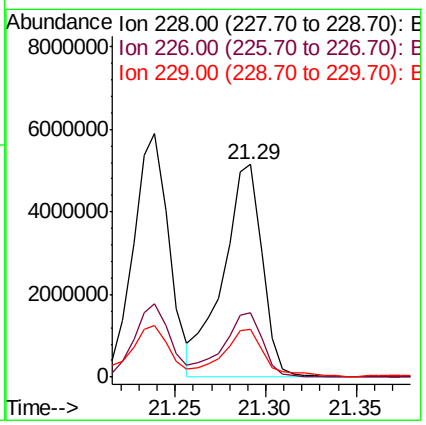


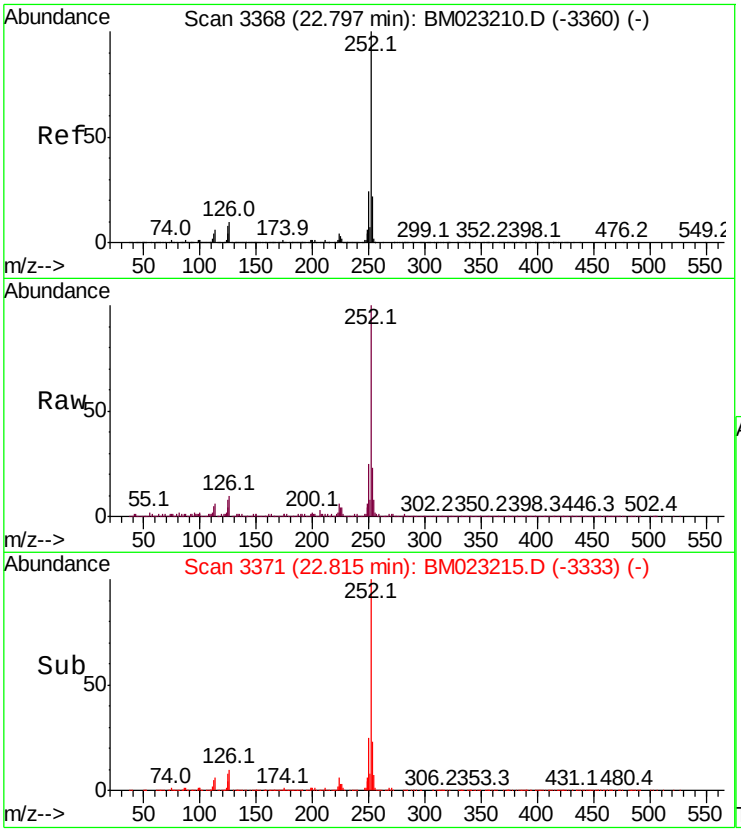


#85
Chrysene
Concen: 78.753 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:228 Resp: 7702723

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	22.2	15.5	23.3



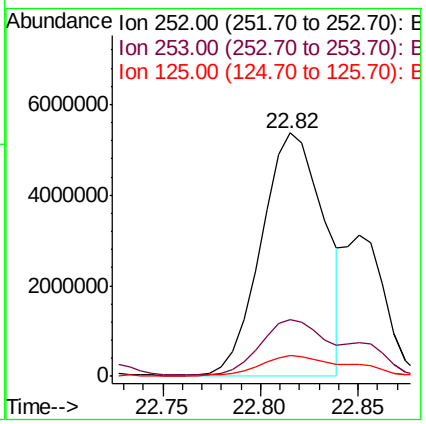


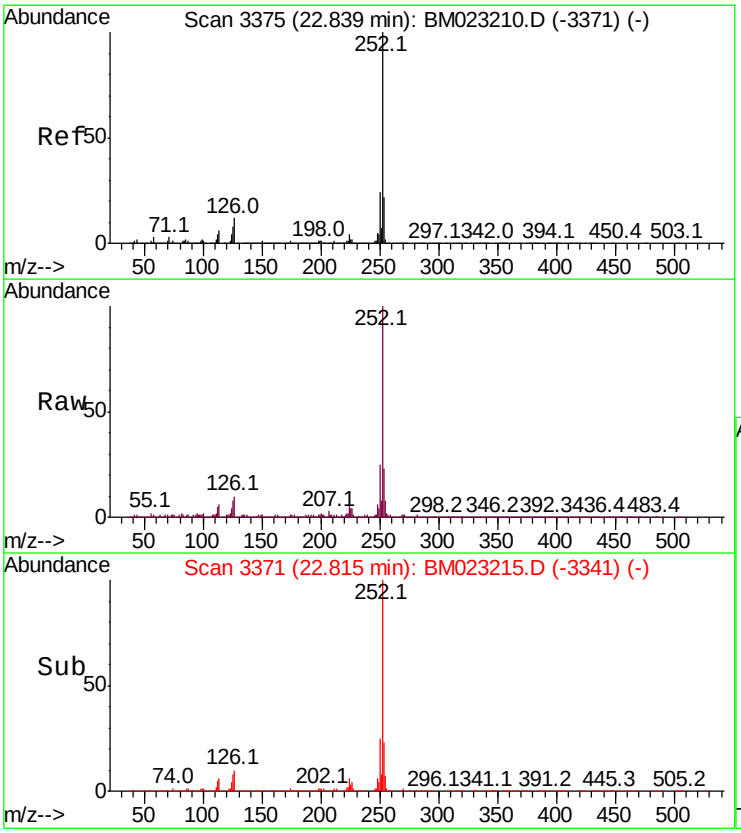
#88
Benzo(b)fluoranthene
Concen: 102.783 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. 0.02 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp:11954939

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	8.4	6.4	9.6

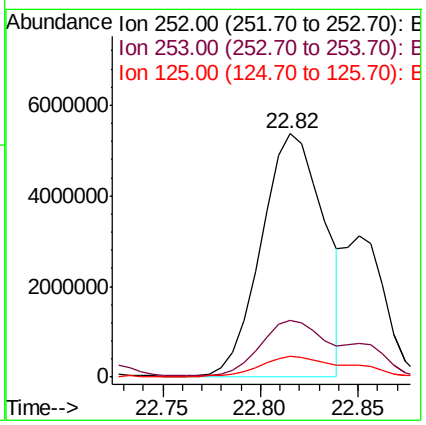


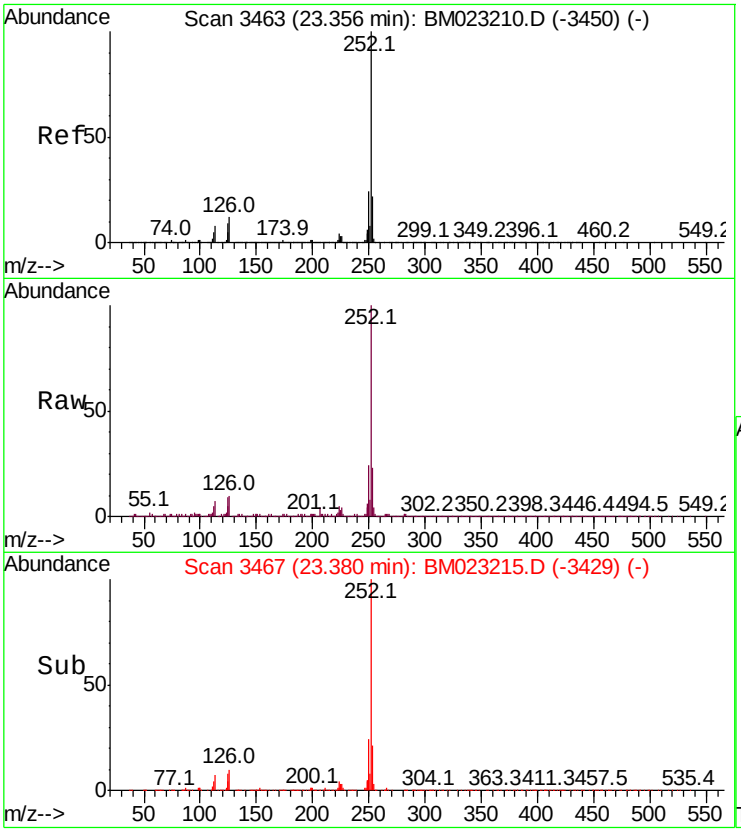


#89
Benzo(k)fluoranthene
Concen: 107.042 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:252 Resp:11954939

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	8.4	6.5	9.7



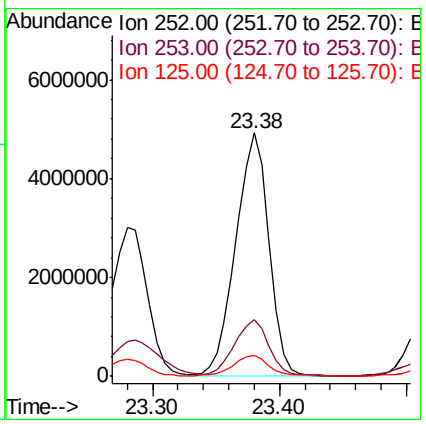


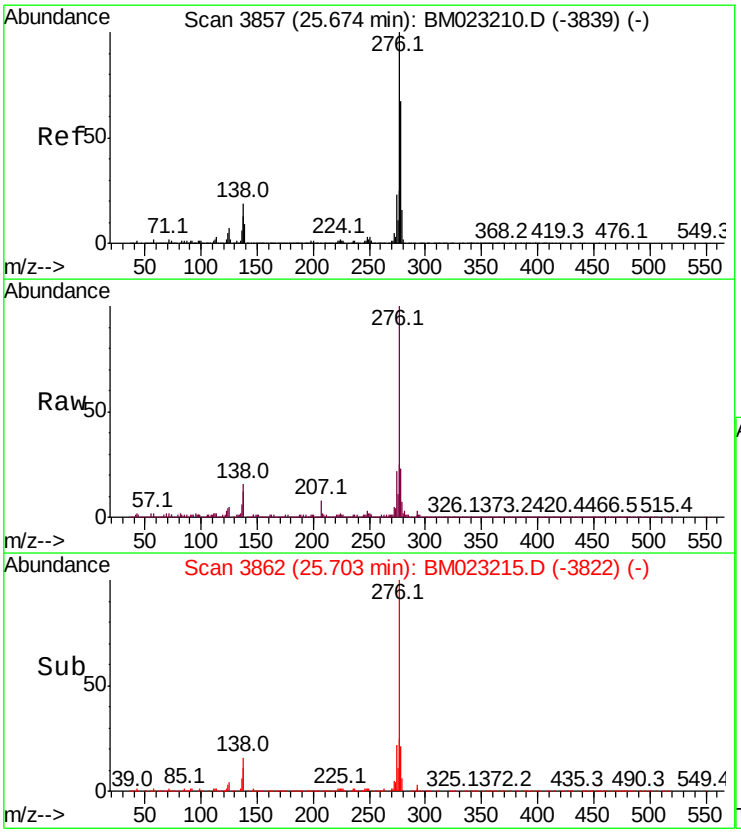
#91
Benzo(a)pyrene
Concen: 79.604 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. 0.02 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 8883099

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	8.6	7.4	11.0

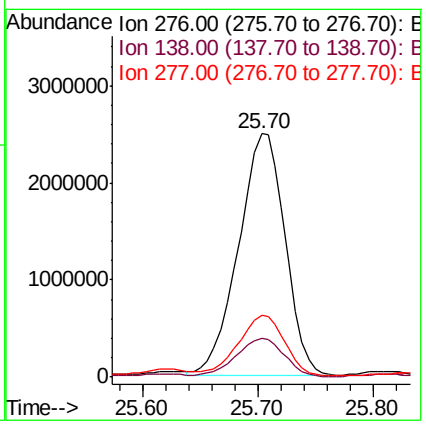


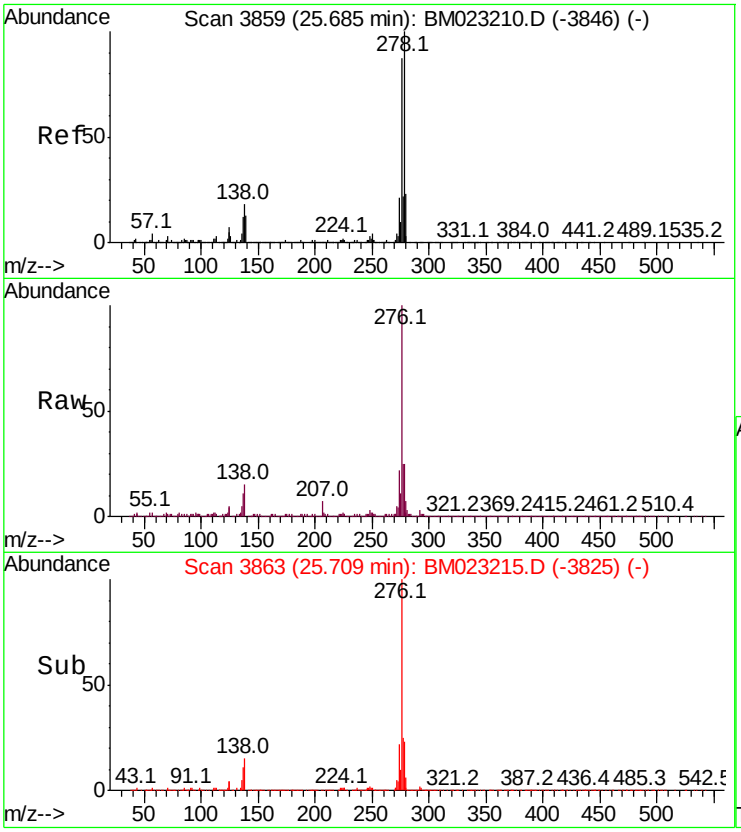


#92
Indeno(1,2,3-cd)pyrene
Concen: 52.599 ng/ul
RT: 25.70 min Scan# 3862
Delta R.T. 0.04 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:276 Resp: 6982706

Ion	Ratio	Lower	Upper
276	100		
138	16.1	14.9	22.3
277	25.2	19.8	29.8



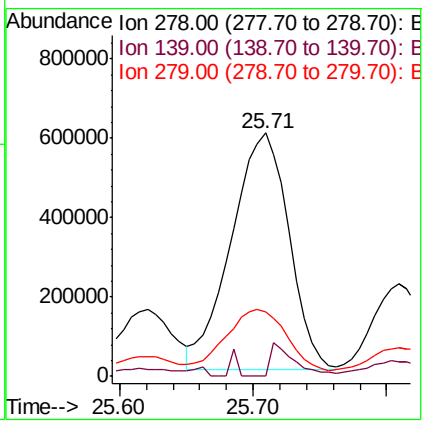


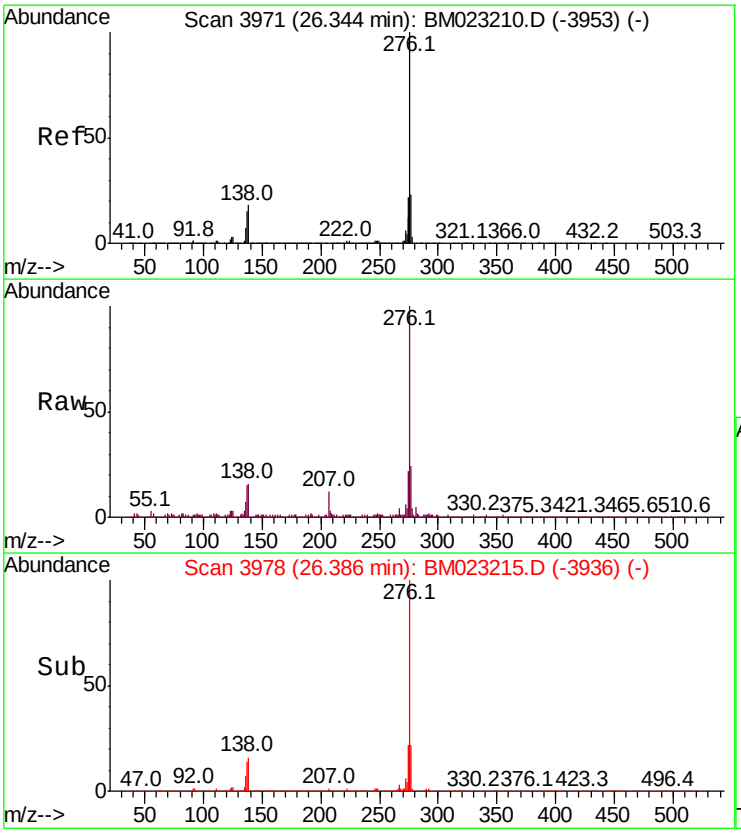
#93
Dibenzo(a,h)anthracene
Concen: 16.155 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. 0.02 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1793173

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	26.7	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 44.419 ng/ul
RT: 26.39 min Scan# 3978
Delta R.T. 0.05 min
Lab File: BM023215.D
Acq: 17 Oct 2019 11:02

Tgt Ion:276 Resp: 4854986

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.4	21.6
277	24.4	19.4	29.2