Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 17 12:35:41 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	7.67	152	467238	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1782516	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	989130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1823901	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	1916308	20.00	ng/ul	0.01
86) Perylene-d12	23.48	264	2336967	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	42540	4.01	ng/uL	0.01
5) Phenol-d5	6.84	99	668764	16.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	465043	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	599934	19.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	548256	16.77	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	292955	24.29	ng/ul	0.01
22) 2-Nitrophenol-d4	9.53	143	312671	27.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	538362	18.44	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	180576	5.08	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	1576967	20.80	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1892264	21.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	129000	10.51	ng/ul	0.00
58) Fluorene-d10	15.31	176	1312096	20.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	90639	12.53	ng/ul	0.01
71) Anthracene-d10	17.16	188	1915979	21.79	ng/ul	0.00
79) Pyrene-d10	19.46	212	2037619	21.96	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.34	264	2520791	21.28	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.87	94	186666	4.448	ng/ul	98
14) Acetophenone	8.49	105	61282	1.203	ng/ul	93
17) Hexachloroethane	8.77	117	17654	1.364	ng/ul#	3
28) Naphthalene	10.50	128	571998	6.208	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	216390	3.156	ng/ul	99
35) 1-Methylnaphthalene	12.34	142	209553	3.158	ng/ul	97
41) 1,1'-Biphenyl	13.14	154	102204	1.358	ng/ul	94
45) Dimethylphthalate	13.77	163	515498	6.795	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	29757	2.498	ng/ul#	60
48) Acenaphthylene	14.03	152	1824883	20.076	ng/ul	99
50) Acenaphthene	14.37	153	297022	4.693	ng/ul	99
54) Dibenzofuran	14.71	168	102181	1.137	ng/ul	89
59) Fluorene	15.36	166	306859	4.162	ng/ul#	92
70) Phenanthrene	17.10	178	2661728	26.004	ng/ul	99
72) Anthracene	17.19	178	1394298	13.182	ng/ul	99
75) Carbazole	17.46	167	120121	1.271	ng/ul#	90
76) Di-n-butylphthalate	18.04	149	218058	1.939	ng/ul#	93
77) Fluoranthene	19.12	202	5371063	44.121	ng/ul	99
80) Pyrene	19.49	202	6981768	58.158	ng/ul	100
81) Butylbenzylphthalate	20.41	149	207410	4.968	ng/ul#	95
83) Benzo(a)anthracene	21.29	228	5511967	42.451	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.20	149	1934861	29.143	ng/ul	98
85) Chrysene	21.29	228	5510092	45.702	ng/ul	95

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 17 12:35:41 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)
88) Benzo(b)fluoranthene	22.82	252	7967001	56.228	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	7967001	58.558	ng/ul	98
91) Benzo(a)pyrene	23.39	252	6747948	49.639	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.71	276	5100641	31.540	ng/ul	98
93) Dibenzo(a,h)anthracene	25.71	278	1608205	11.894	ng/ul	93
94) Benzo(g,h,i)perylene	26.39	276	4683437	35.174	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\
Data File : BM023211.D
Acq On : 17 Oct 2019 08:38
Operator : JU
Sample : K5262-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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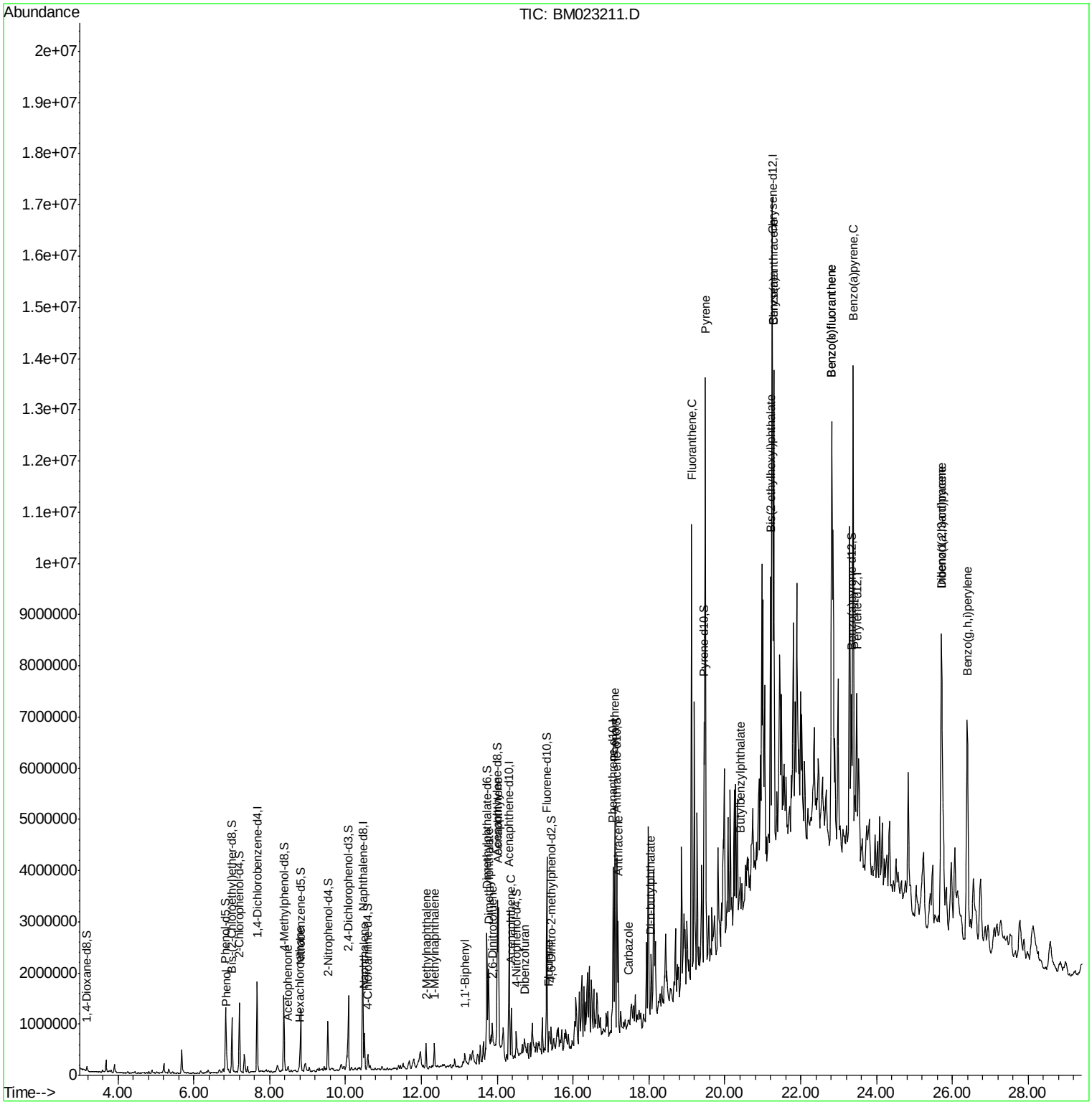
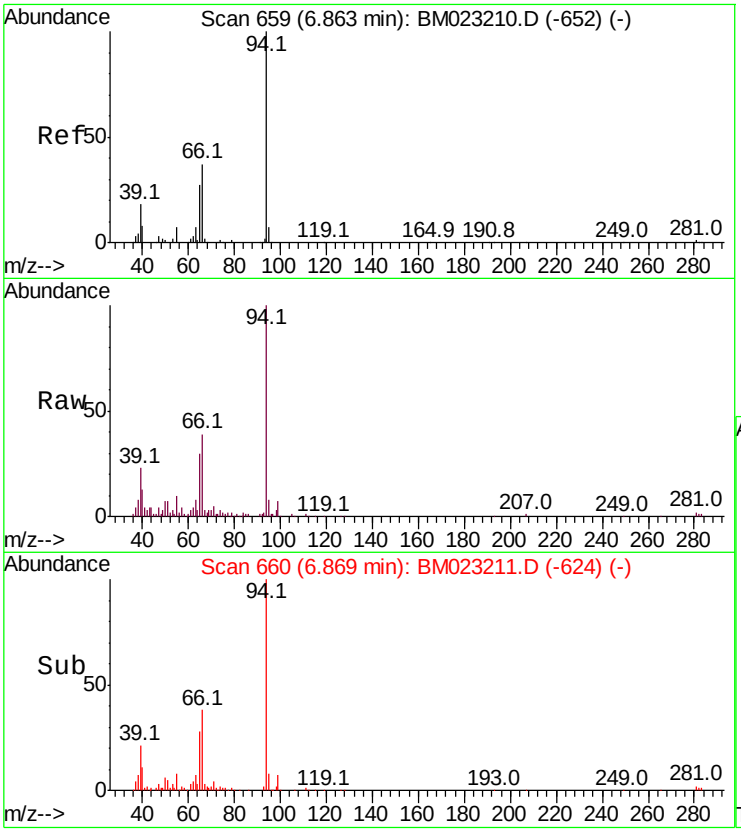
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration



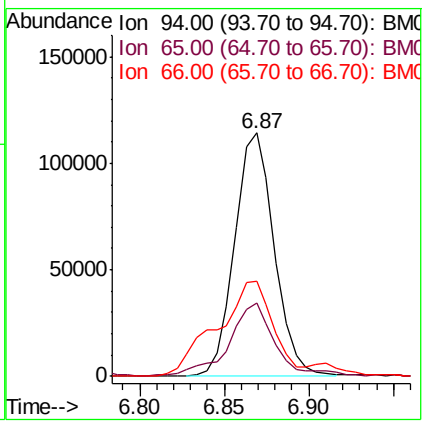


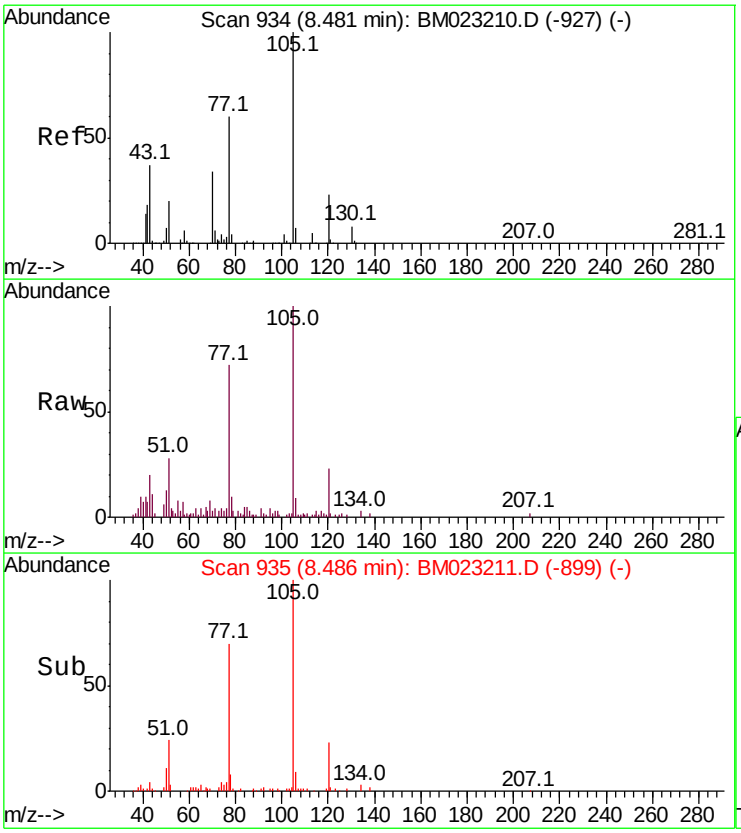
#6
Phenol
Concen: 4.448 ng/ul
RT: 6.87 min Scan# 660
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 186666

Ion	Ratio	Lower	Upper
94	100		
65	30.1	23.7	35.5
66	39.0	32.9	49.3

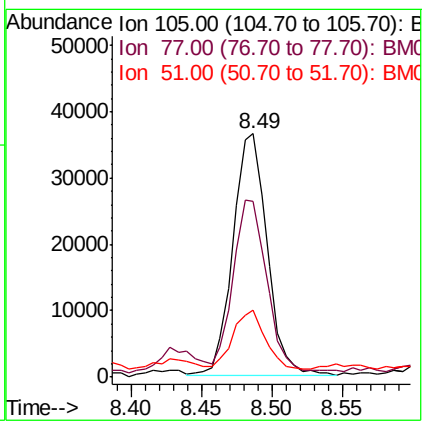


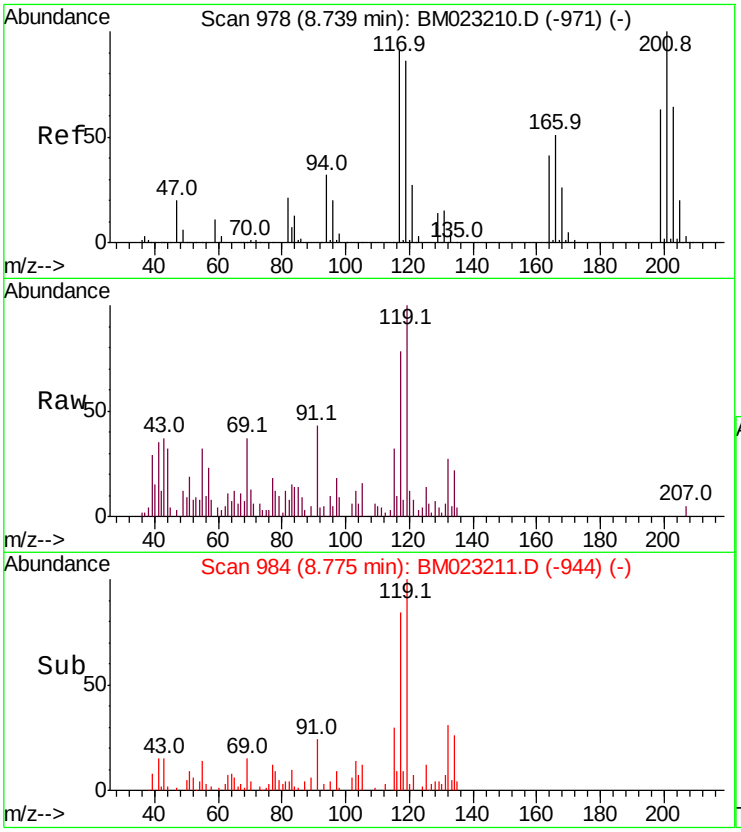


#14
Acetophenone
Concen: 1.203 ng/ul
RT: 8.49 min Scan# 935
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:105 Resp: 61282

Ion	Ratio	Lower	Upper
105	100		
77	72.3	63.9	95.9
51	27.6	21.6	32.4



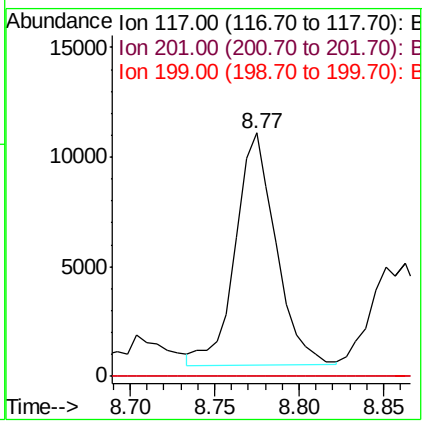


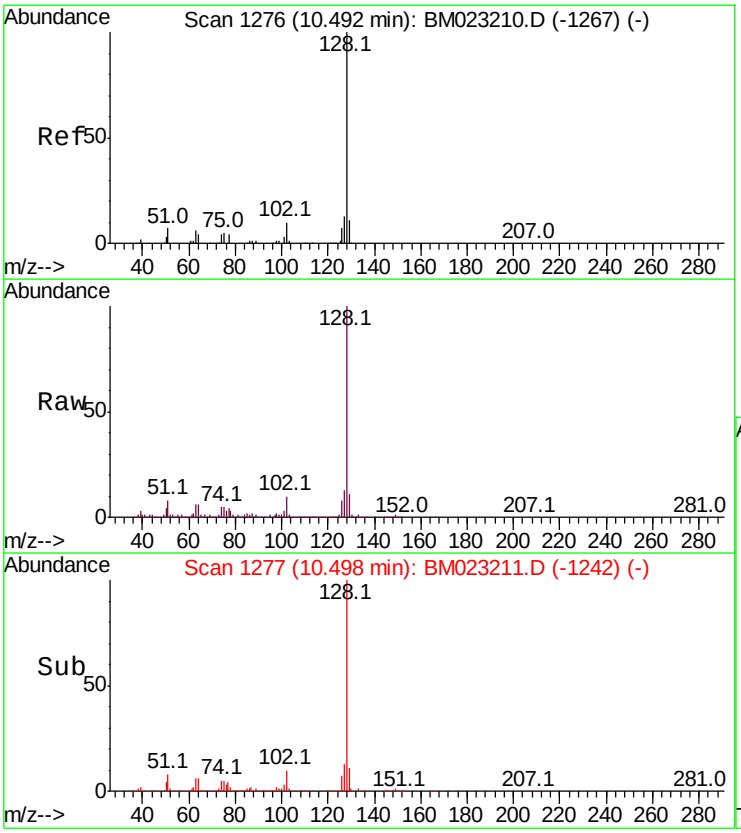
#17
Hexachloroethane
Concen: 1.364 ng/ul
RT: 8.77 min Scan# 984
Delta R.T. 0.04 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 17654

Ion	Ratio	Lower	Upper
117	100		
201	0.0	89.4	134.2#
199	0.0	56.3	84.5#

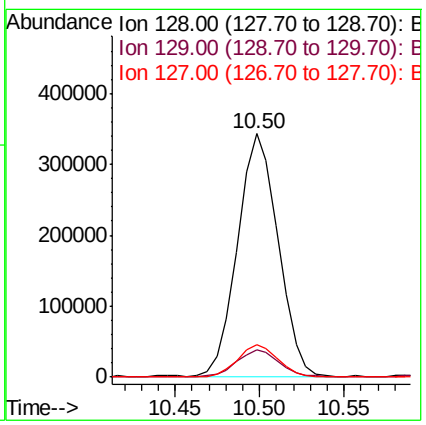


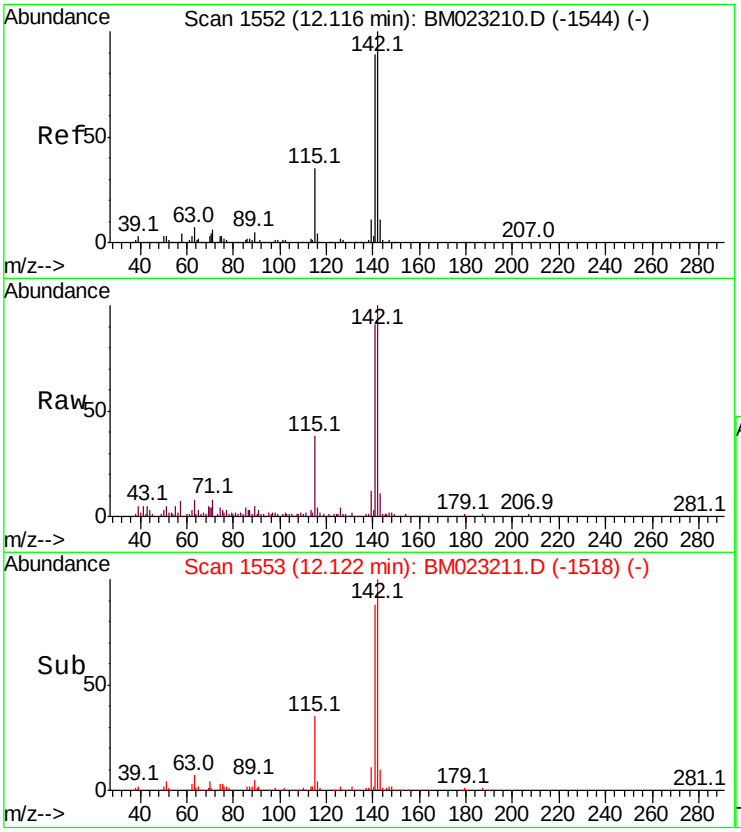


#28
Naphthalene
Concen: 6.208 ng/ul
RT: 10.50 min Scan# 1277
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:128 Resp: 571998

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.5	10.2	15.4



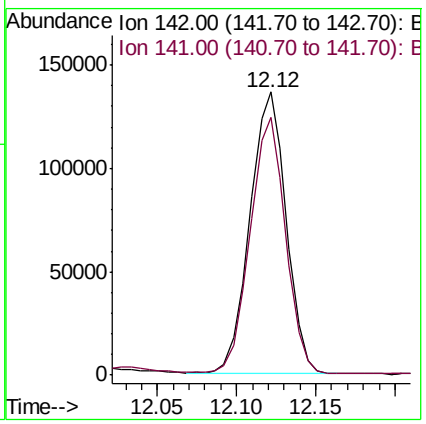


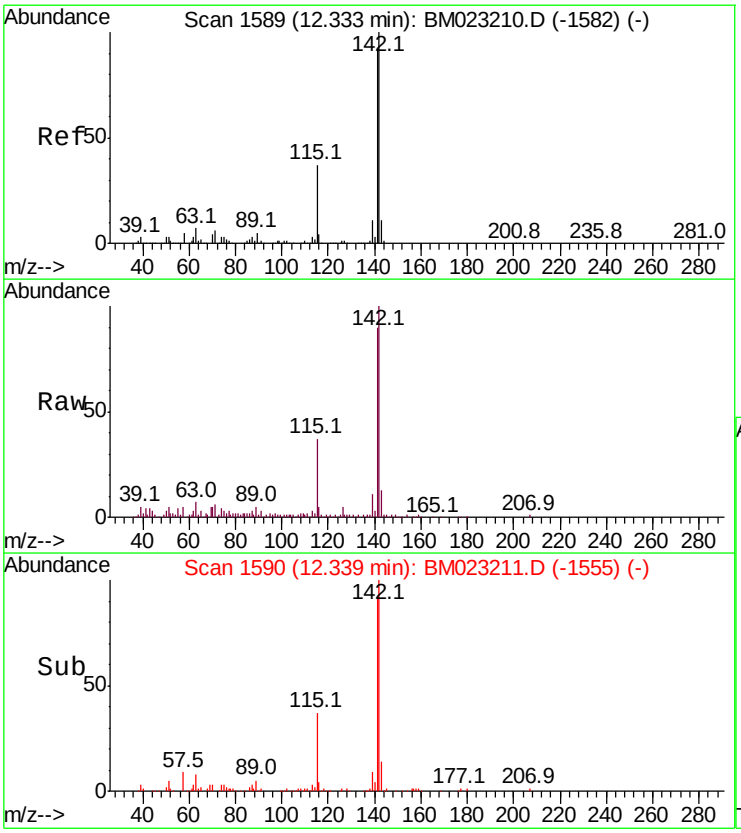
#34
2-Methylnaphthalene
Concen: 3.156 ng/ul
RT: 12.12 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 216390

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.1	108.1

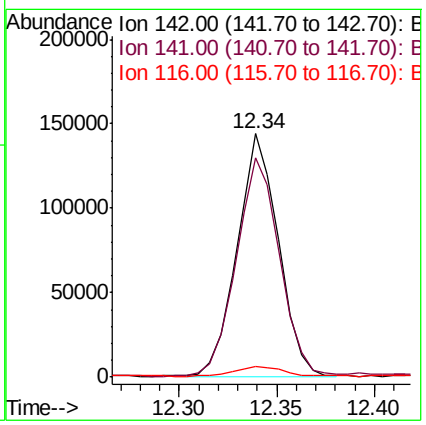


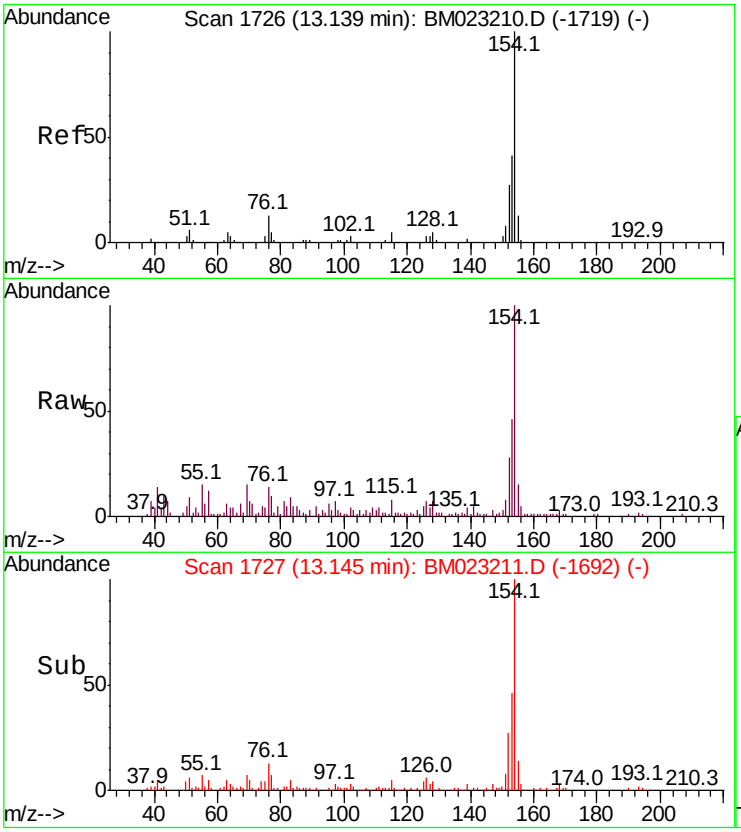


#35
1-Methylnaphthalene
Concen: 3.158 ng/ul
RT: 12.34 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:142 Resp: 209553

Ion	Ratio	Lower	Upper
142	100		
141	90.2	74.2	111.2
116	4.6	3.3	4.9



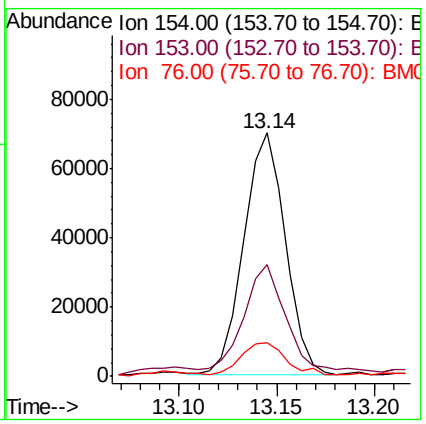


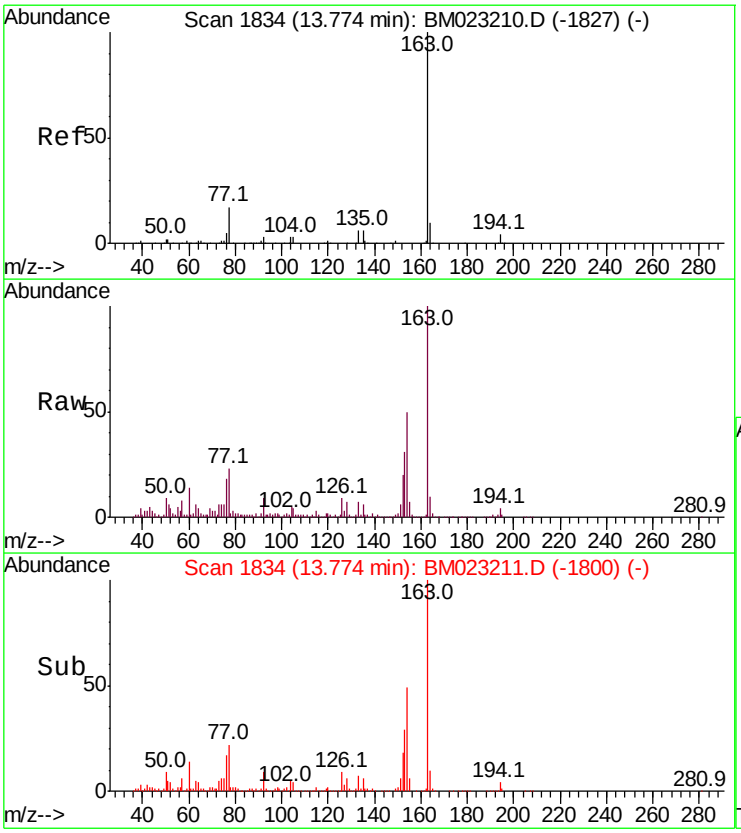
#41
1,1'-Biphenyl
Concen: 1.358 ng/ul
RT: 13.14 min Scan# 1727
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 102204

Ion	Ratio	Lower	Upper
154	100		
153	46.0	33.1	49.7
76	13.7	10.6	15.8

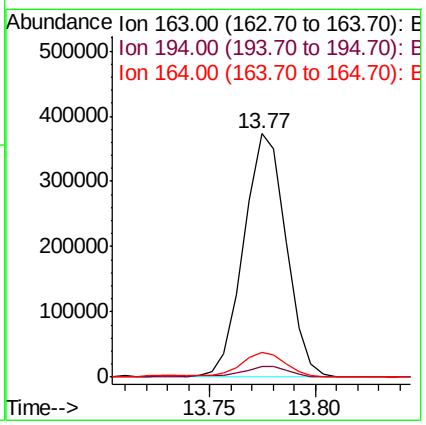


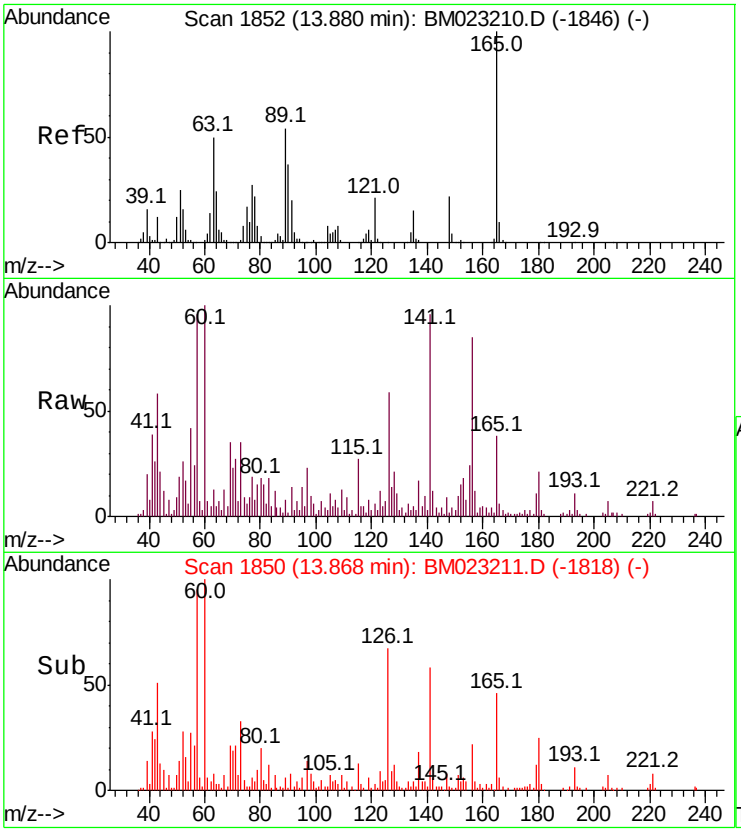


#45
Dimethylphthalate
Concen: 6.795 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:163 Resp: 515498

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	8.0	12.0



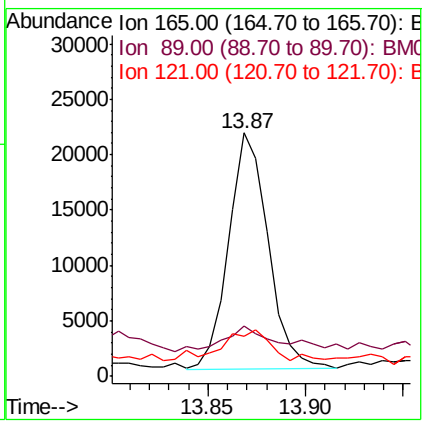


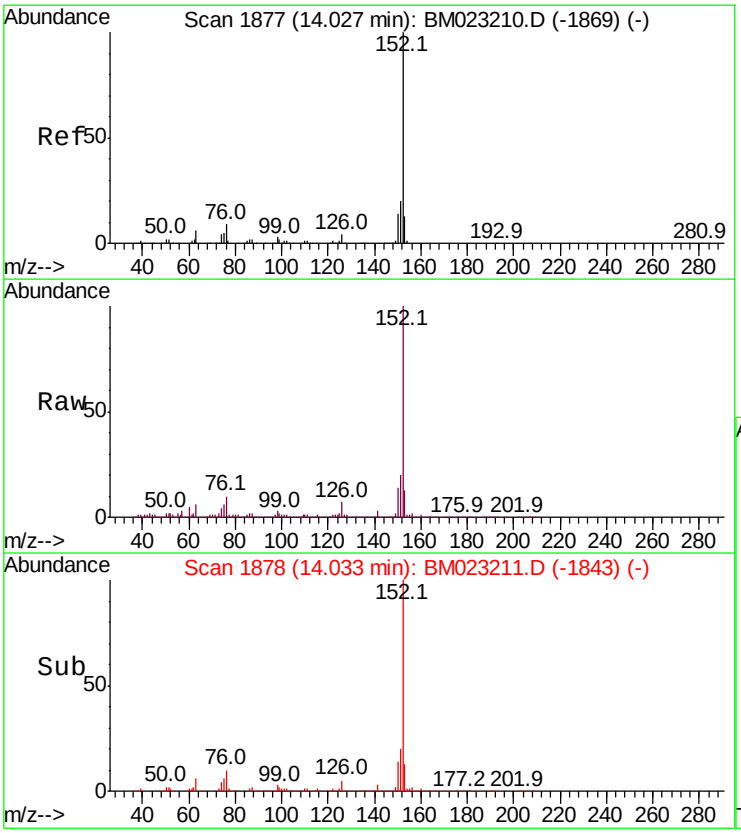
#46
2,6-Dinitrotoluene
Concen: 2.498 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:165 Resp: 29757

Ion	Ratio	Lower	Upper
165	100		
89	20.7	46.8	70.2#
121	16.5	18.4	27.6#

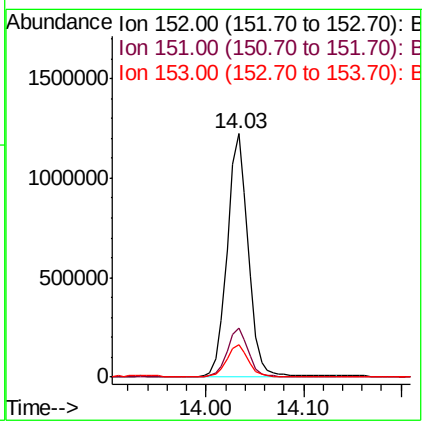


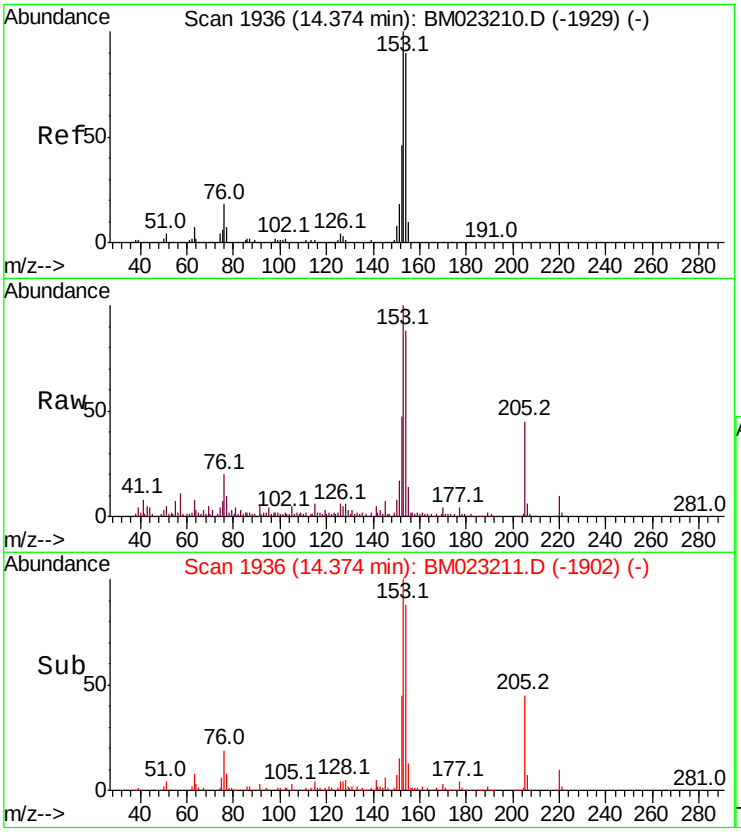


#48
Acenaphthylene
Concen: 20.076 ng/ul
RT: 14.03 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:152 Resp: 1824883

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.3	10.3	15.5



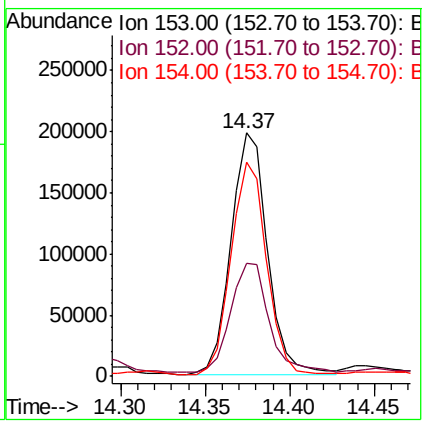


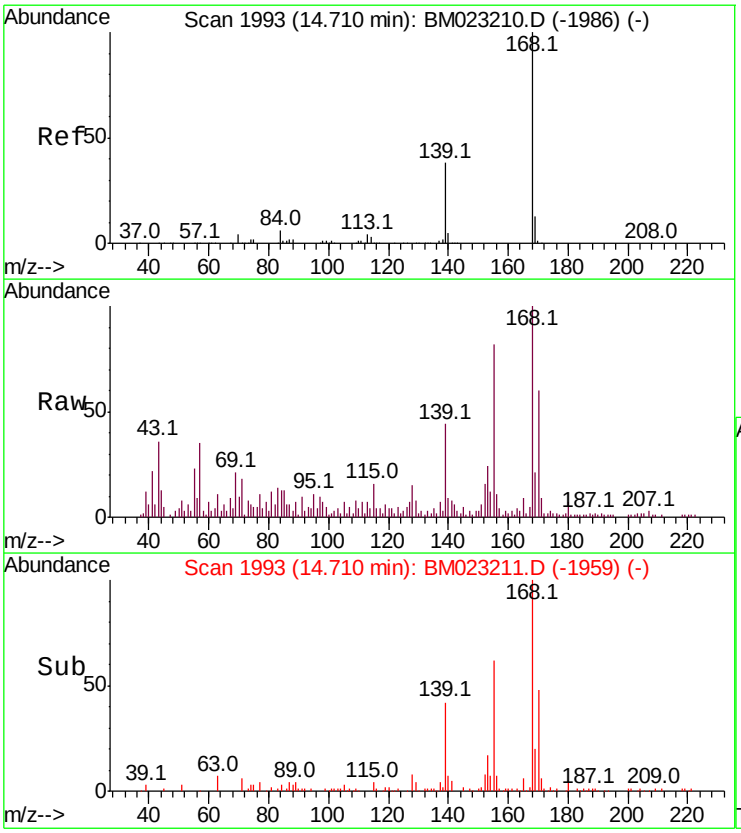
#50
Acenaphthene
Concen: 4.693 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 297022

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.0	57.0
154	88.1	70.4	105.6

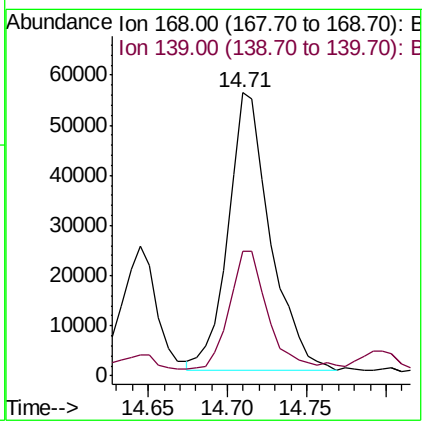


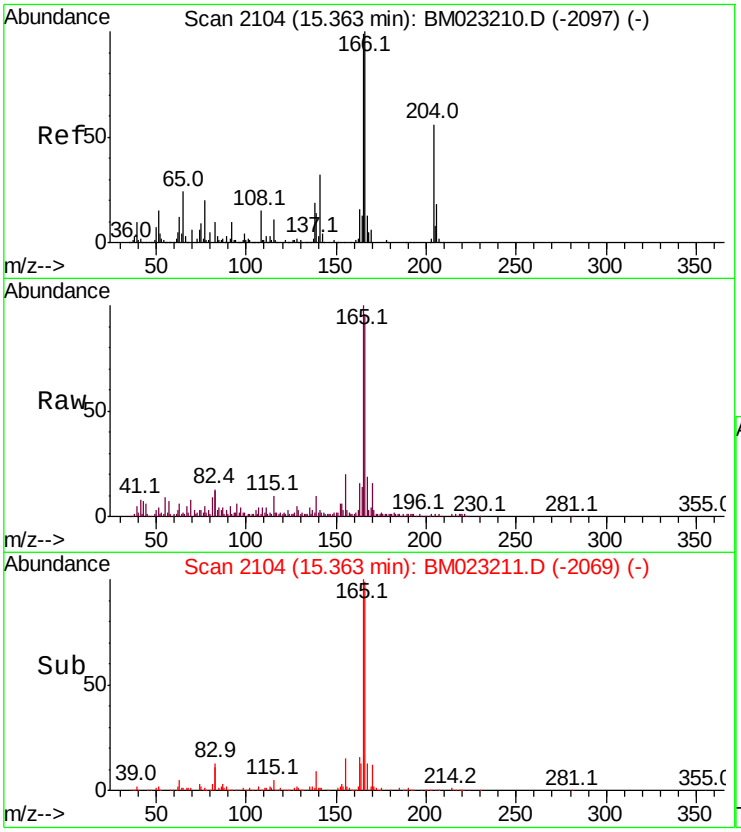


#54
Dibenzofuran
Concen: 1.137 ng/ul
RT: 14.71 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:168 Resp: 102181

Ion	Ratio	Lower	Upper
168	100		
139	43.9	30.1	45.1



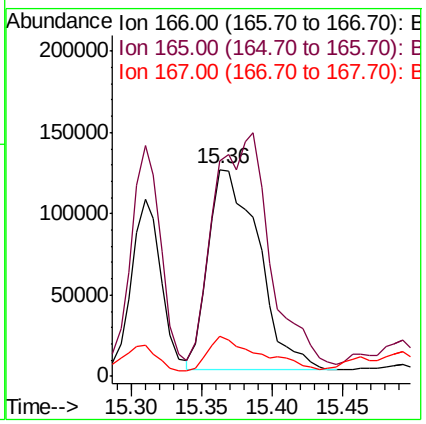


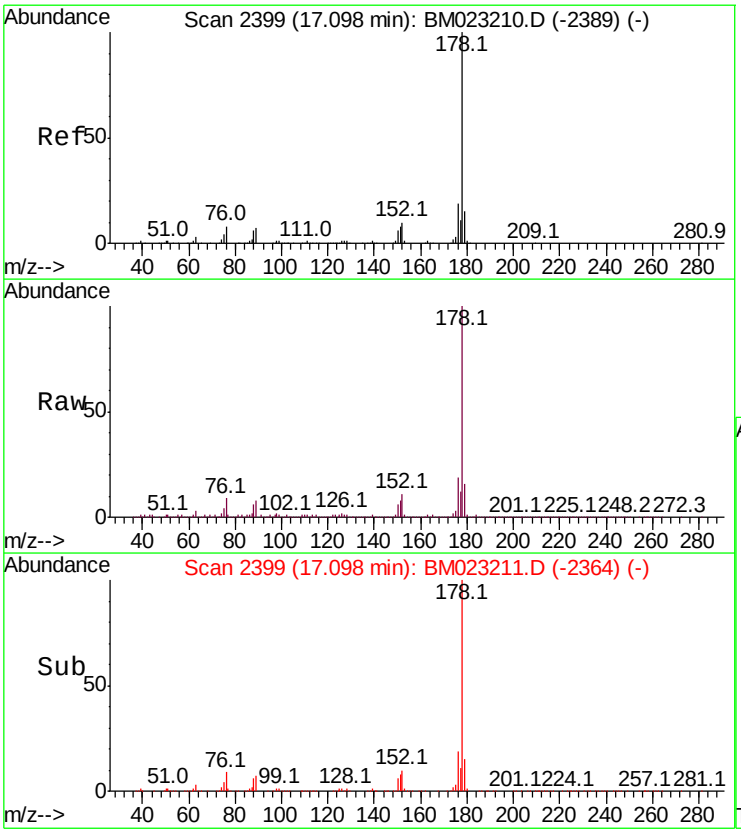
#59
Fluorene
Concen: 4.162 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 306859

Ion	Ratio	Lower	Upper
166	100		
165	104.1	77.4	116.0
167	19.5	10.8	16.2#

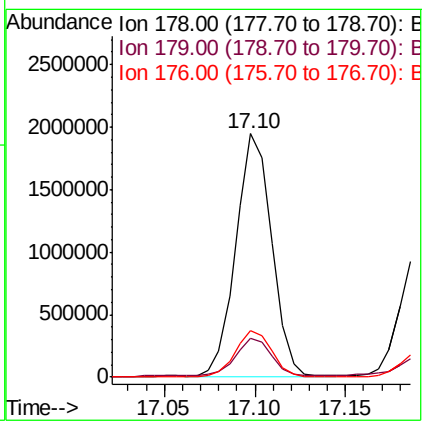


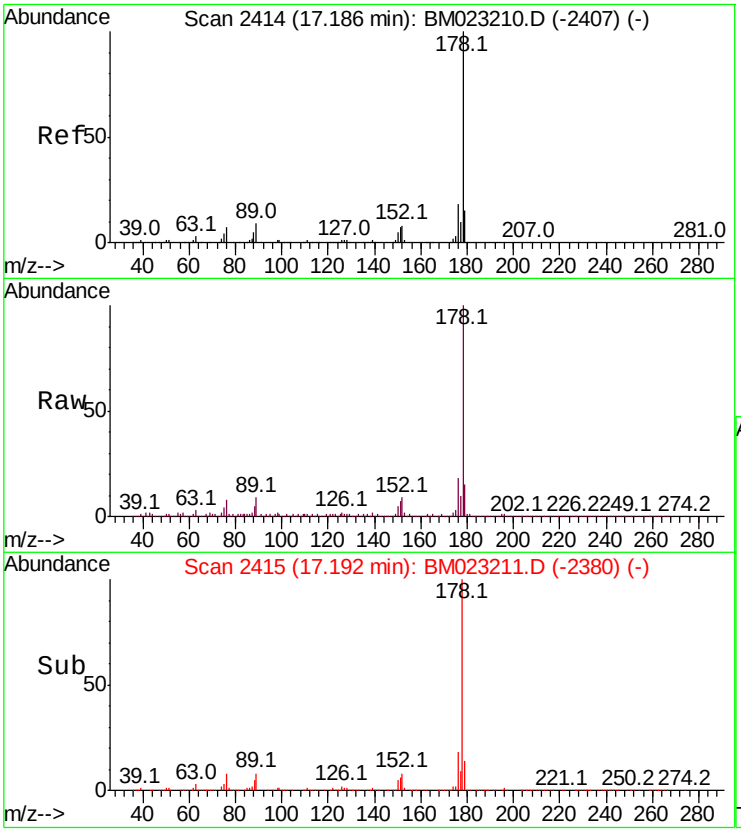


#70
Phenanthrene
Concen: 26.004 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:178 Resp: 2661728

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.0	15.5	23.3



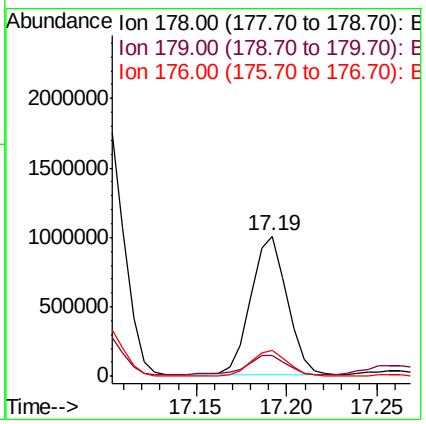


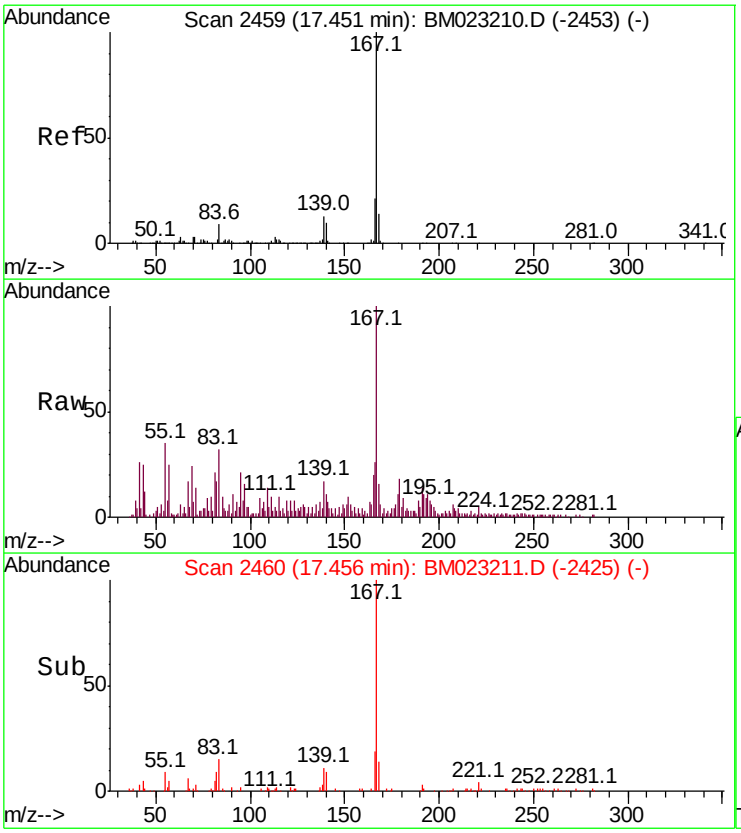
#72
Anthracene
Concen: 13.182 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1394298

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.2	15.0	22.4

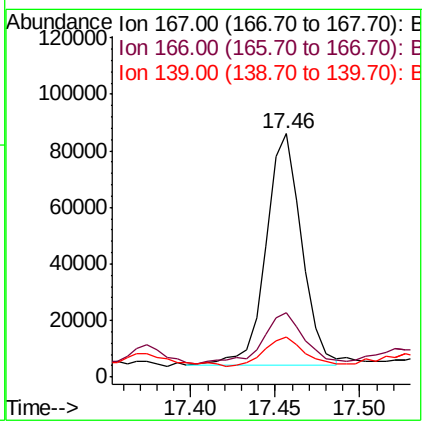


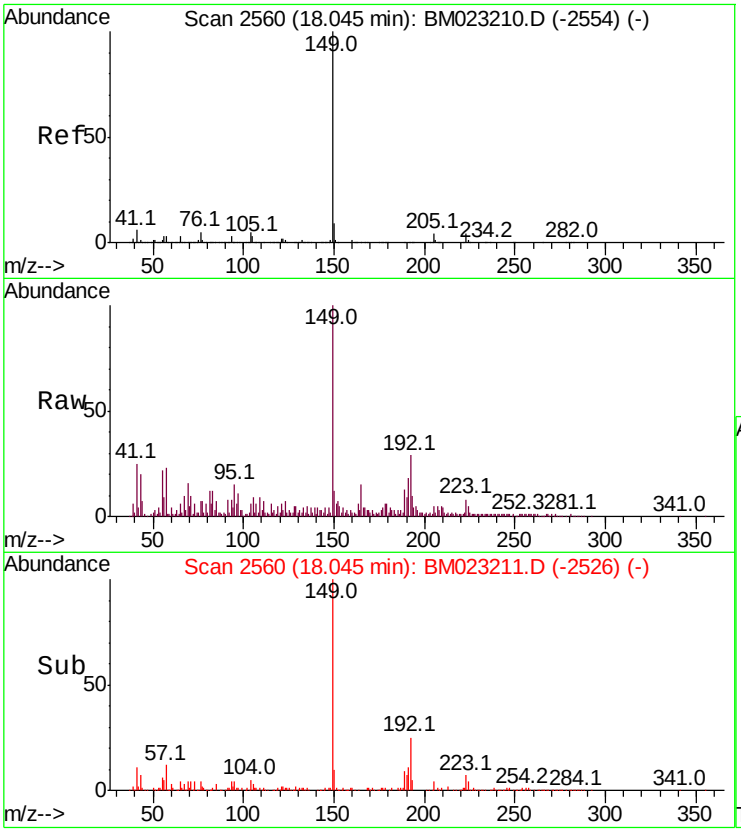


#75
Carbazole
Concen: 1.271 ng/ul
RT: 17.46 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:167 Resp: 120121

Ion	Ratio	Lower	Upper
167	100		
166	26.4	17.4	26.0#
139	16.6	10.2	15.2#



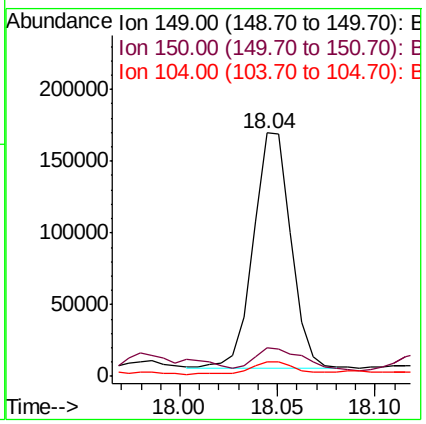


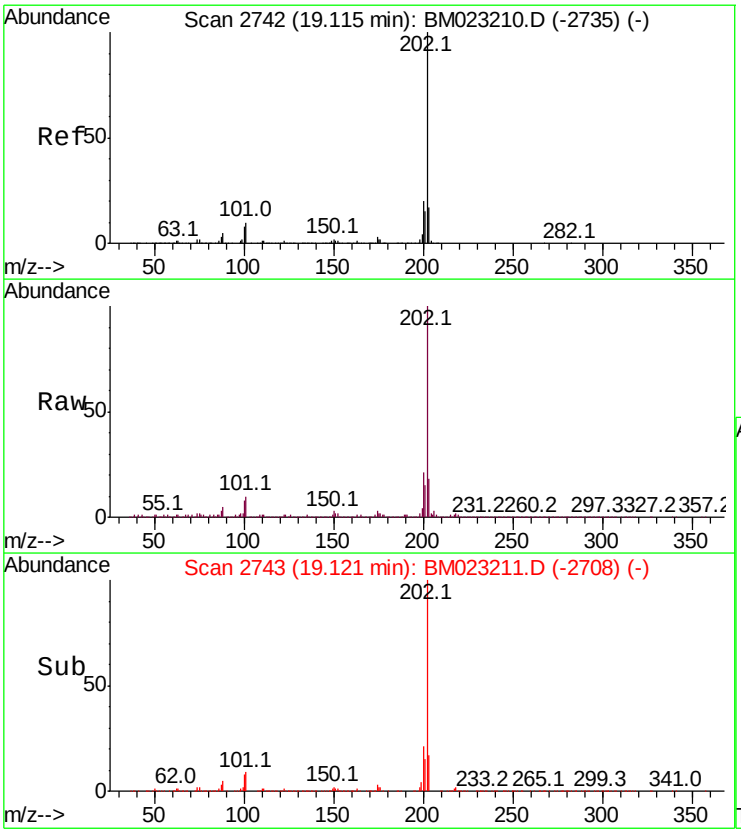
#76
Di-n-butylphthalate
Concen: 1.939 ng/ul
RT: 18.04 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 218058

Ion	Ratio	Lower	Upper
149	100		
150	12.0	7.0	10.4#
104	6.0	4.0	6.0

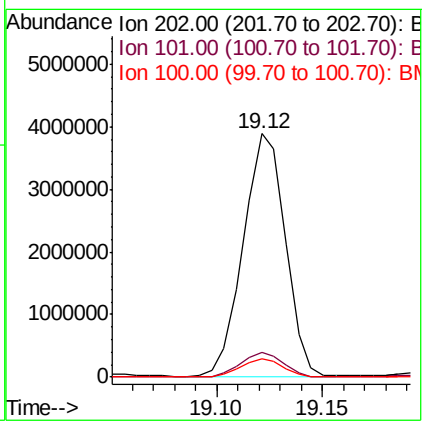


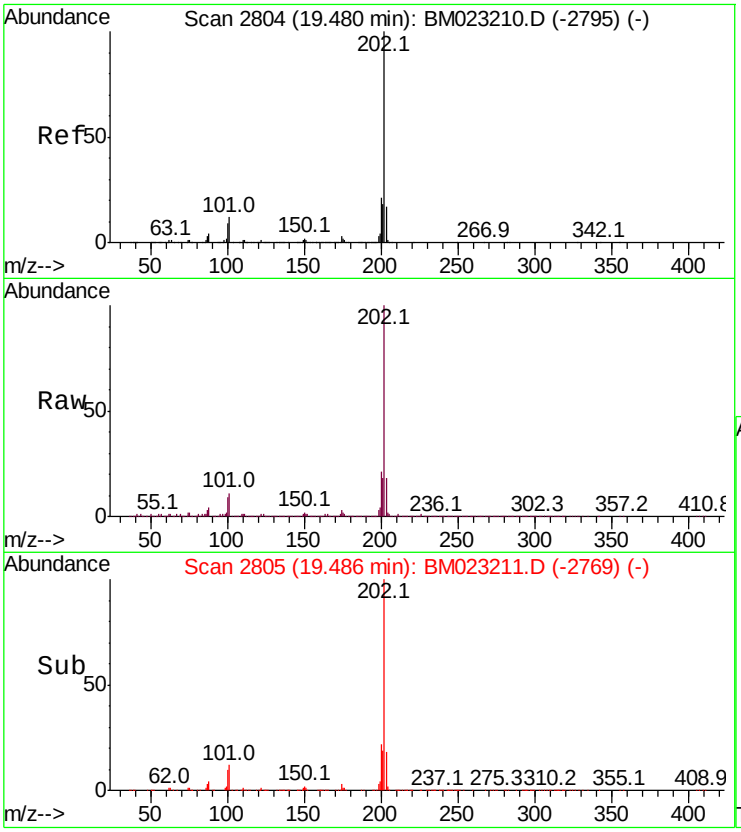


#77
Fluoranthene
Concen: 44.121 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:202 Resp: 5371063

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.8
100	7.7	6.1	9.1



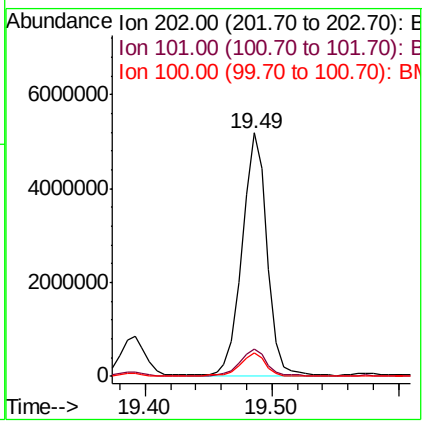


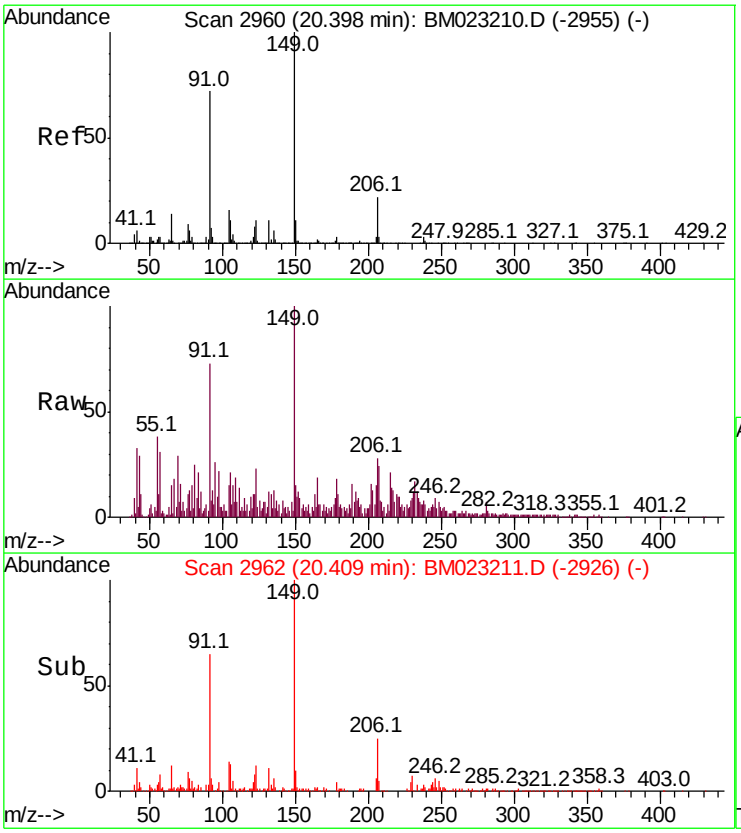
#80
Pyrene
Concen: 58.158 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 6981768

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.5	7.5	11.3

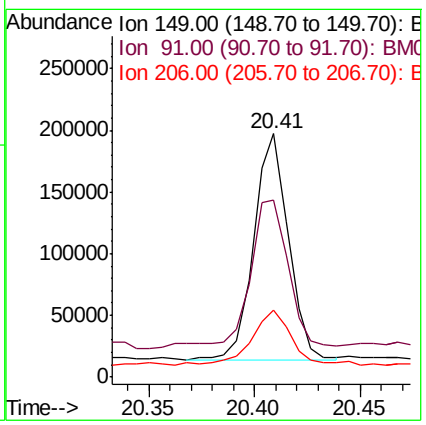


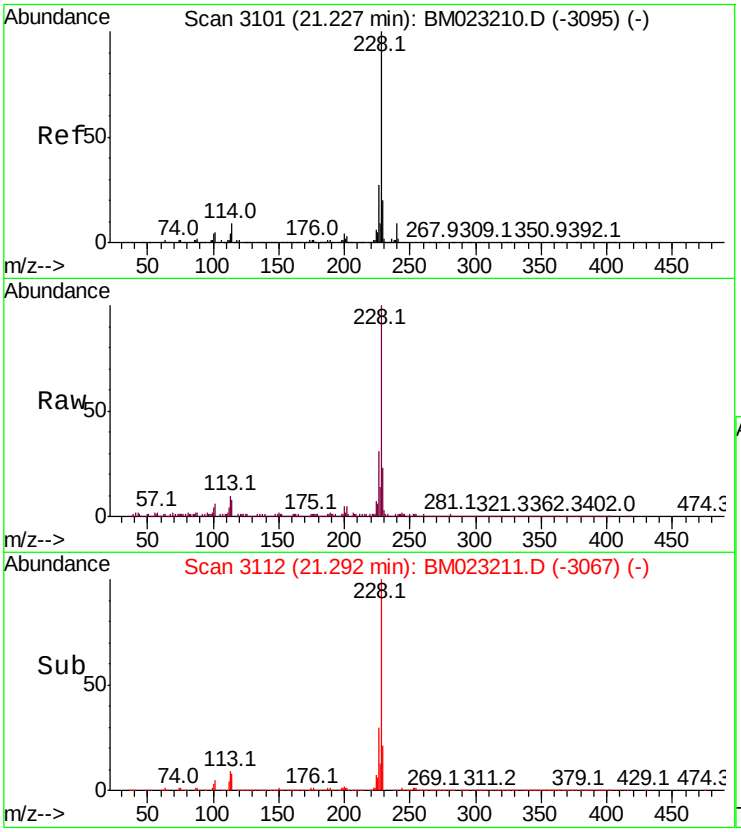


#81
Butylbenzylphthalate
Concen: 4.968 ng/ul
RT: 20.41 min Scan# 2962
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:149 Resp: 207410

Ion	Ratio	Lower	Upper
149	100		
91	73.0	59.9	89.9
206	27.7	17.1	25.7#



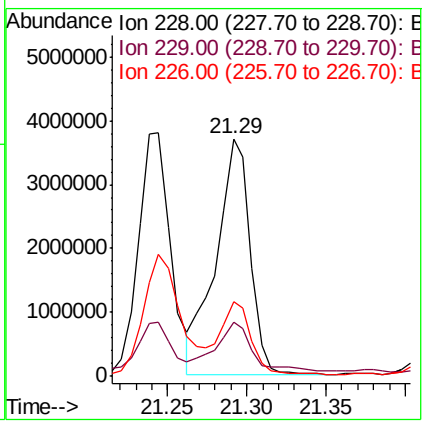


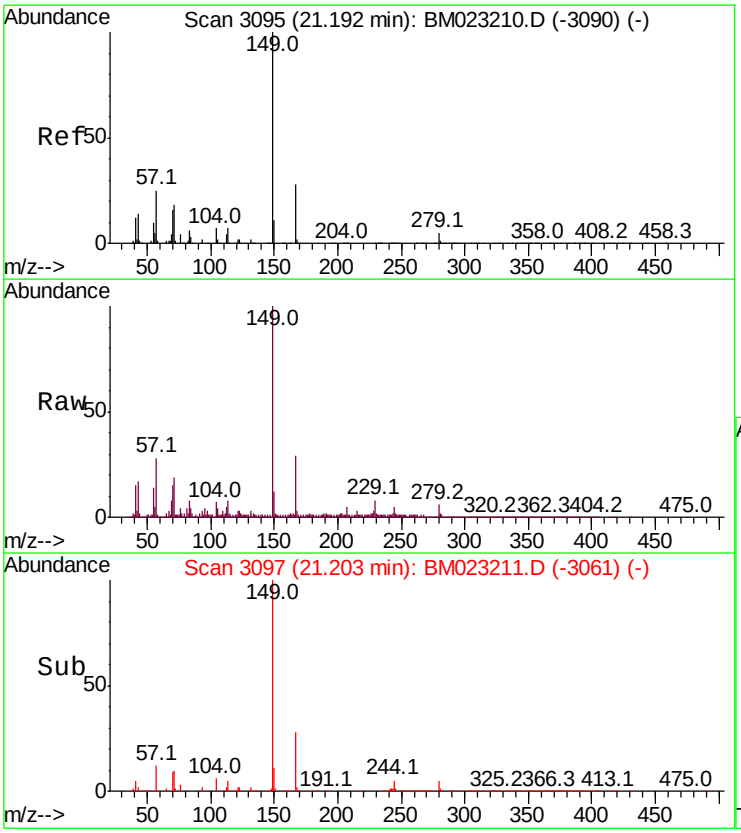
#83
Benzo(a)anthracene
Concen: 42.451 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. 0.06 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5511967

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	31.2	21.6	32.4

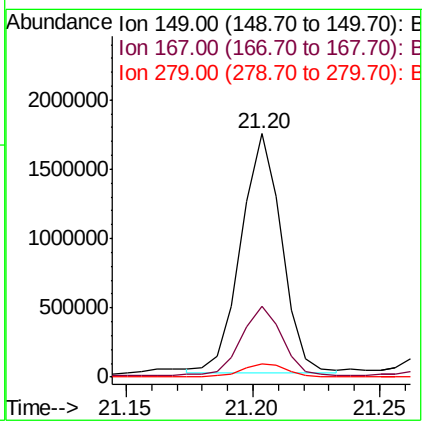


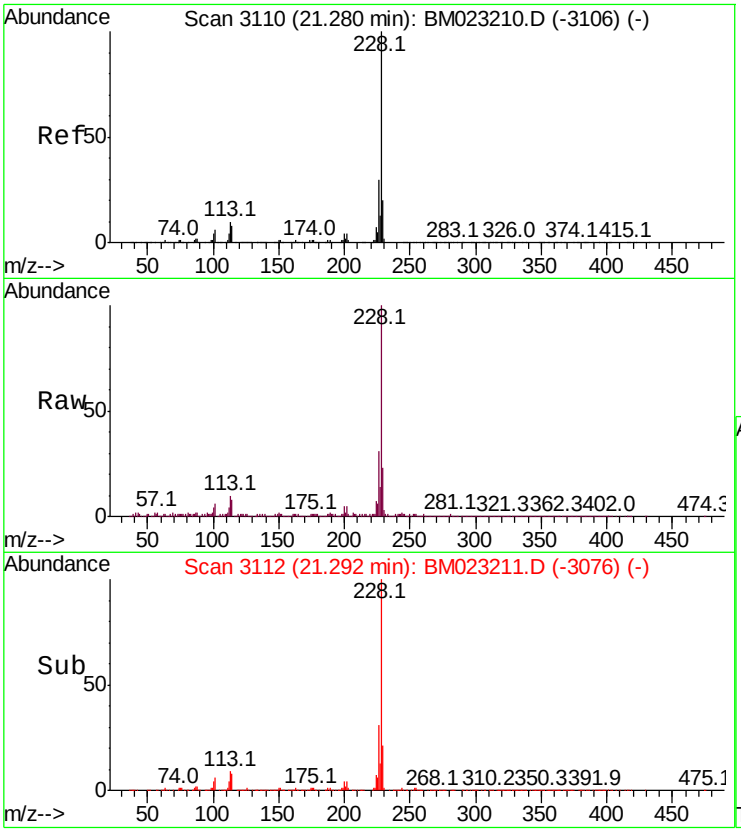


#84
Bis(2-ethylhexyl)phthalate
Concen: 29.143 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:149 Resp: 1934861

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.5	33.7
279	5.6	4.0	6.0



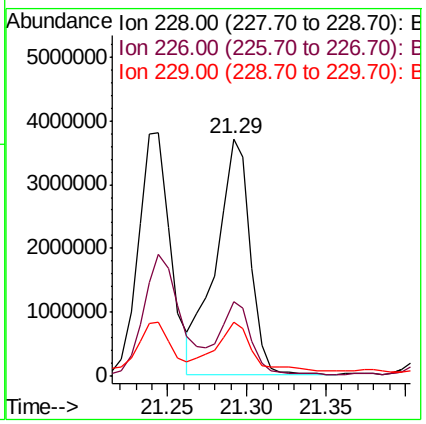


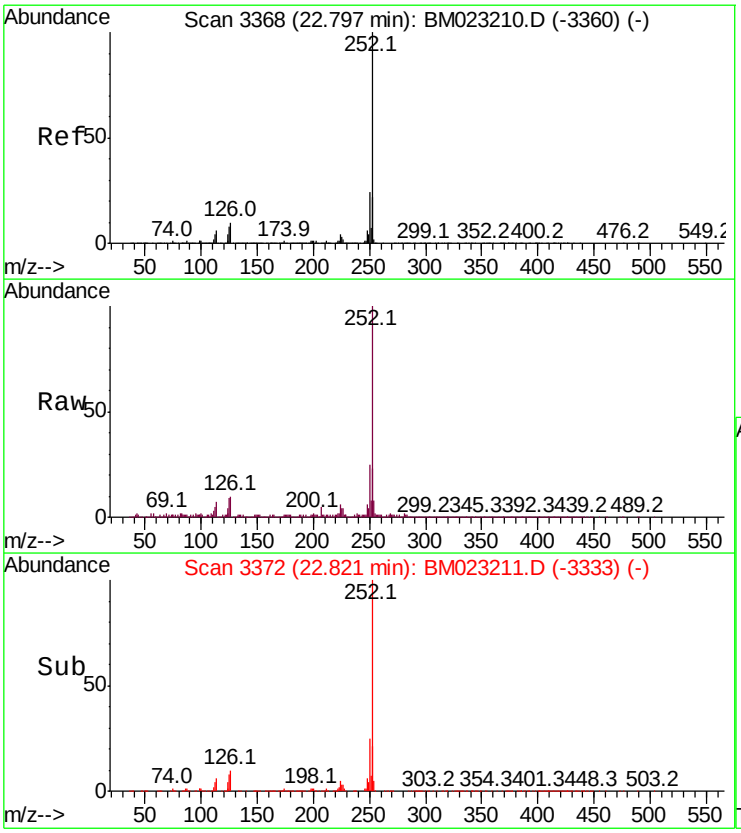
#85
Chrysene
Concen: 45.702 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5510092

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	22.6	15.5	23.3

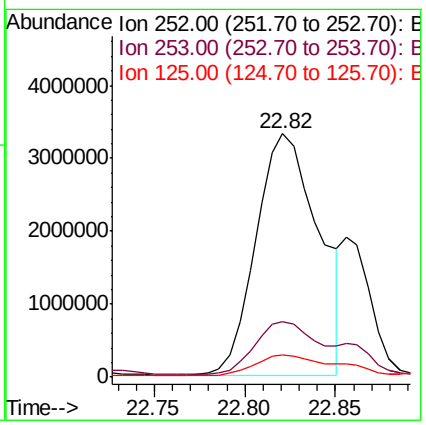


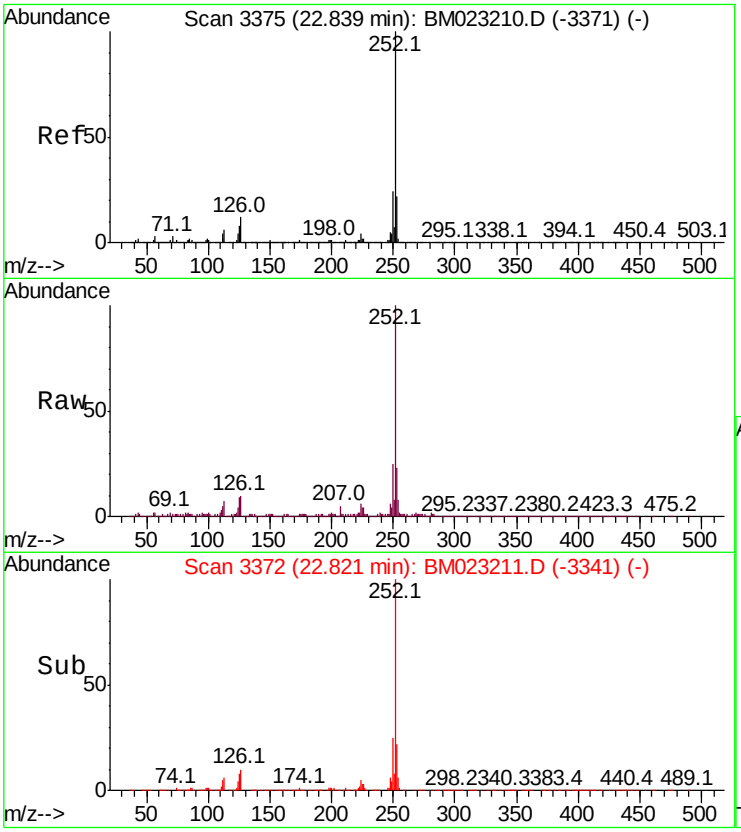


#88
Benzo(b)fluoranthene
Concen: 56.228 ng/ul
RT: 22.82 min Scan# 3372
Delta R.T. 0.03 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:252 Resp: 7967001

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	8.9	6.4	9.6



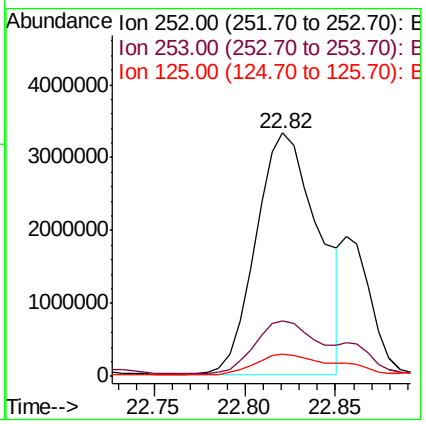


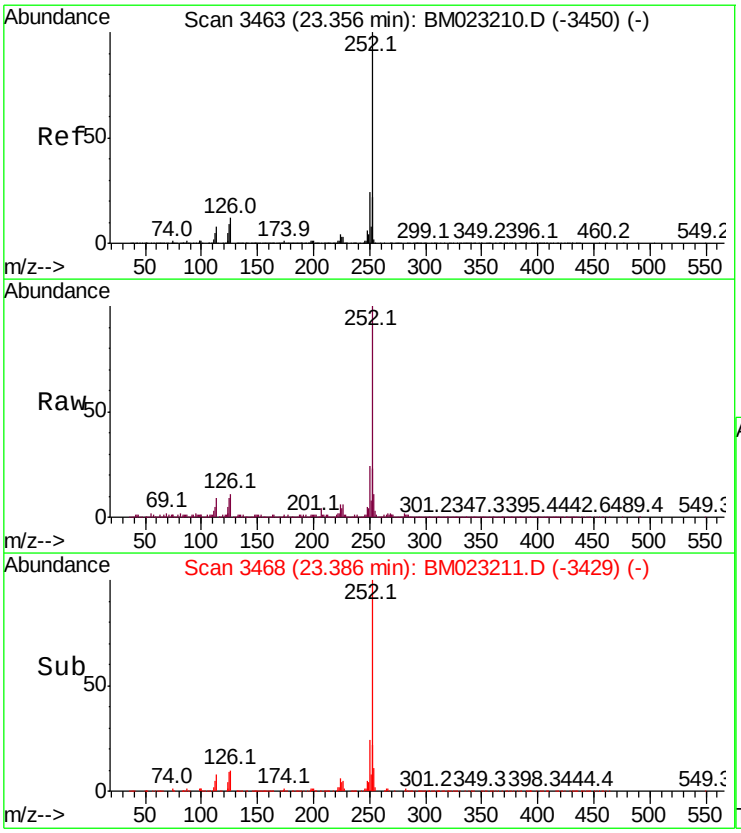
#89
Benzo(k)fluoranthene
Concen: 58.558 ng/ul
RT: 22.82 min Scan# 3372
Delta R.T. -0.02 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 7967001

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.9	6.5	9.7

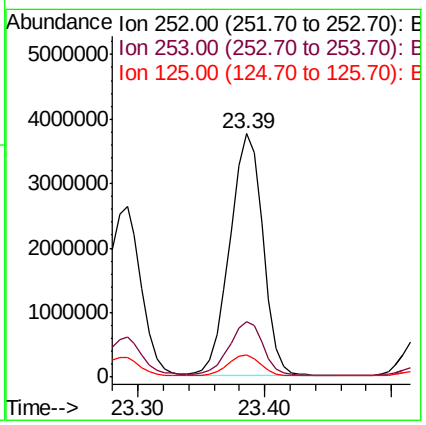


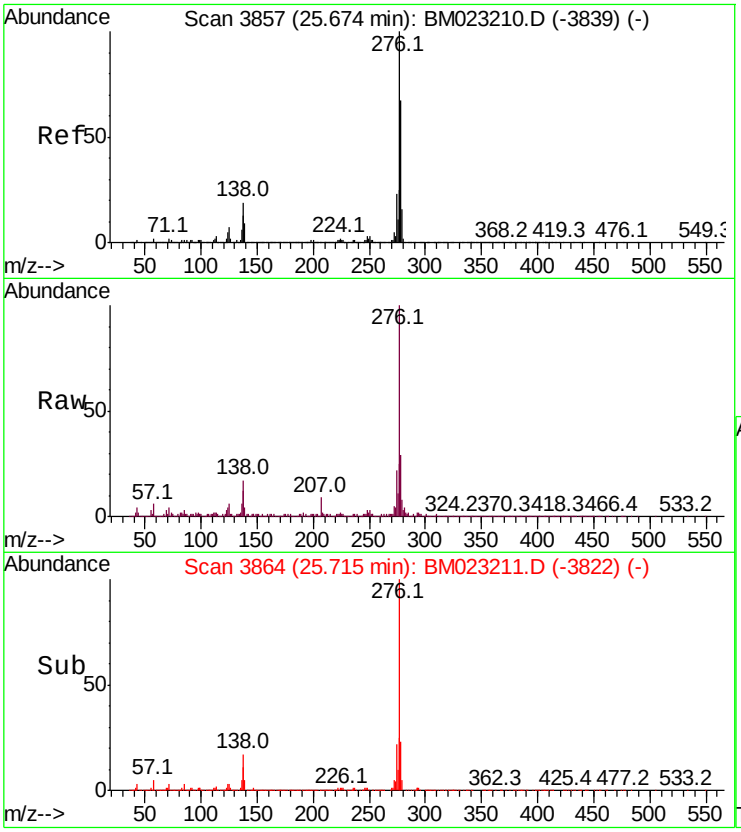


#91
Benzo(a)pyrene
Concen: 49.639 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. 0.03 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:252 Resp: 6747948

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.0	7.4	11.0



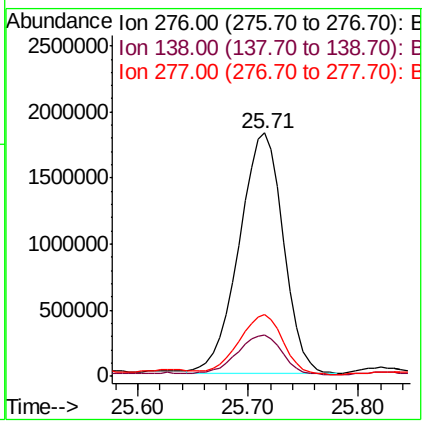


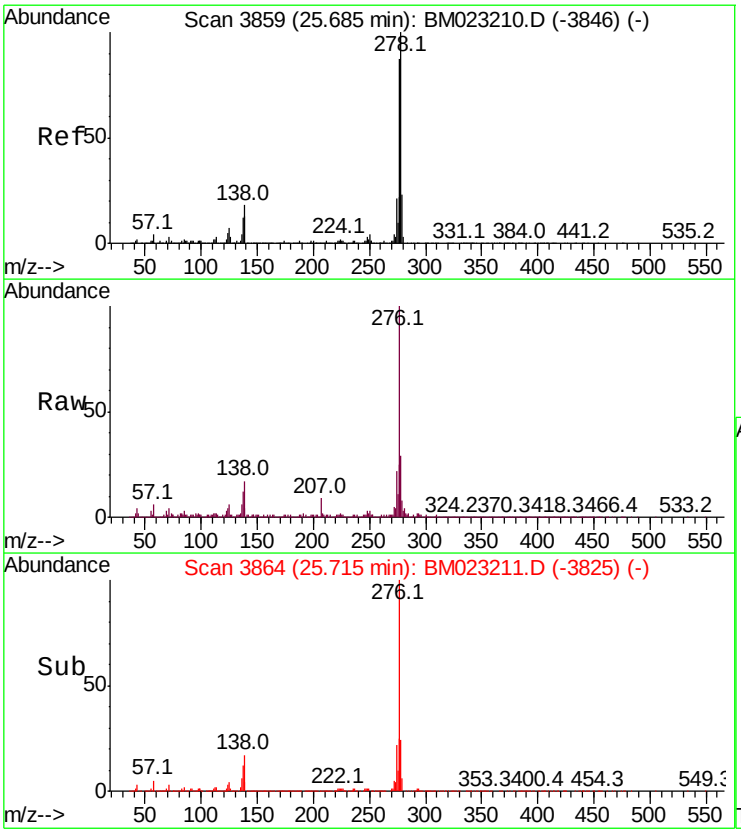
#92
Indeno(1,2,3-cd)pyrene
Concen: 31.540 ng/ul
RT: 25.71 min Scan# 3864
Delta R.T. 0.05 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 5100641

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

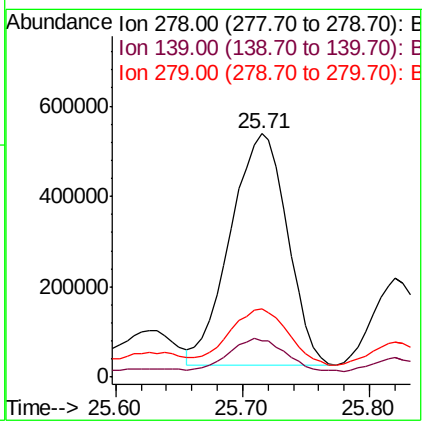


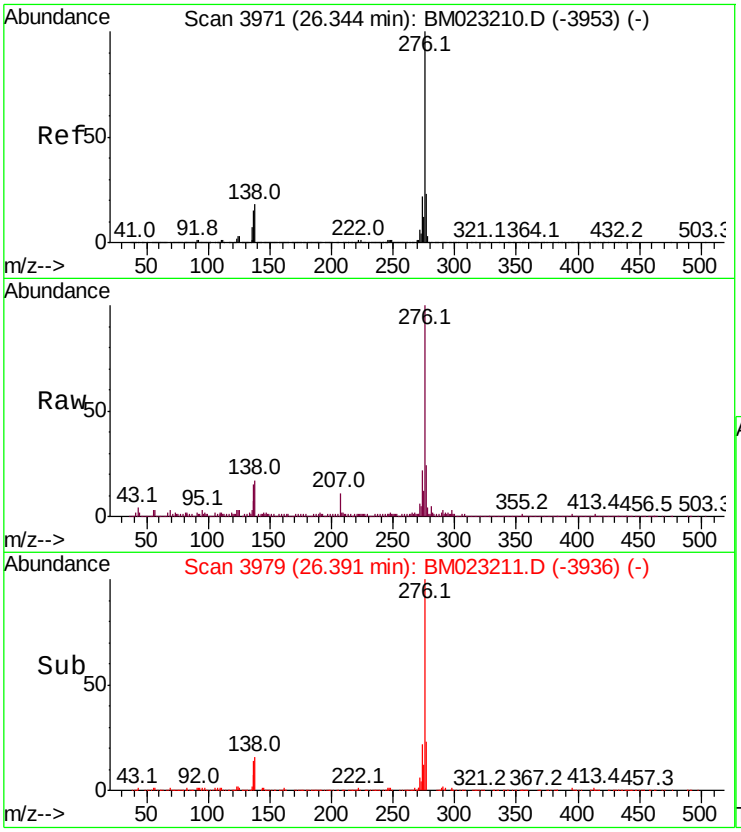


#93
Dibenzo(a,h)anthracene
Concen: 11.894 ng/ul
RT: 25.71 min Scan# 3864
Delta R.T. 0.03 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Tgt Ion:278 Resp: 1608205

Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.0	15.0
279	27.8	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 35.174 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. 0.05 min
Lab File: BM023211.D
Acq: 17 Oct 2019 08:38

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 4683437

Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	24.2	19.4	29.2