Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023282.D
Acq On : 19 Oct 2019 11:31
Operator : JU
Sample : K5262-18DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 19 23:37:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	399092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1545271	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	922347	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1861572	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1984851	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2425079	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2755	0.30	ng/uL	0.01
5) Phenol-d5	6.83	99	46400	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	29895	1.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	37172	1.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	33117	1.19	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	16429	1.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	15624	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	33804	1.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	22698	0.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	114316	1.62	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	123703	1.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	7086	0.62	ng/ul	0.00
58) Fluorene-d10	15.29	176	105757	1.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	5518	0.75	ng/ul	0.00
71) Anthracene-d10	17.14	188	165729	1.85	ng/ul	0.00
79) Pyrene-d10	19.44	212	192478	2.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	233028	1.90	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.02	152	104616	1.234	ng/ul	97
50) Acenaphthene	14.36	153	84151	1.426	ng/ul	95
54) Dibenzofuran	14.70	168	106874	1.276	ng/ul	100
59) Fluorene	15.34	166	110143	1.602	ng/ul	96
70) Phenanthrene	17.09	178	2175150	20.820	ng/ul	99
72) Anthracene	17.17	178	462160	4.281	ng/ul	99
75) Carbazole	17.44	167	194022	2.012	ng/ul	99
77) Fluoranthene	19.10	202	3626790	29.190	ng/ul	100
80) Pyrene	19.47	202	3093282	24.877	ng/ul	100
83) Benzo(a)anthracene	21.22	228	1760427	13.090	ng/ul	98
85) Chrysene	21.27	228	1627919	13.036	ng/ul	97
88) Benzo(b)fluoranthene	22.78	252	2633441	17.910	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	824058	5.837	ng/ul	96
91) Benzo(a)pyrene	23.34	252	1843303	13.067	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	1442437	8.595	ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	367710	2.621	ng/ul#	90
94) Benzo(g,h,i)perylene	26.31	276	1022748	7.402	ng/ul	100

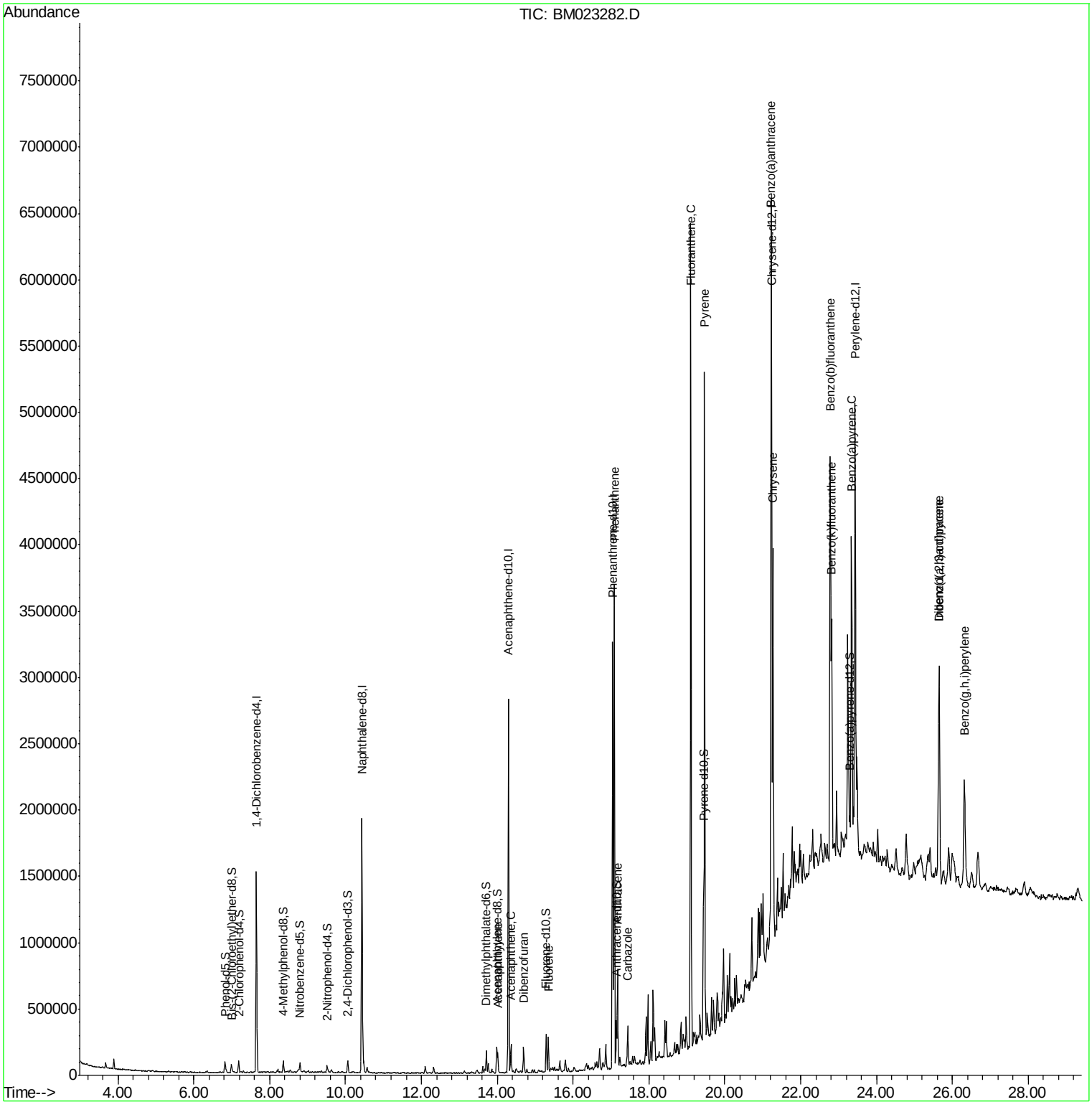
(#) = qualifier out of range (m) = manual integration (+) = signals summed

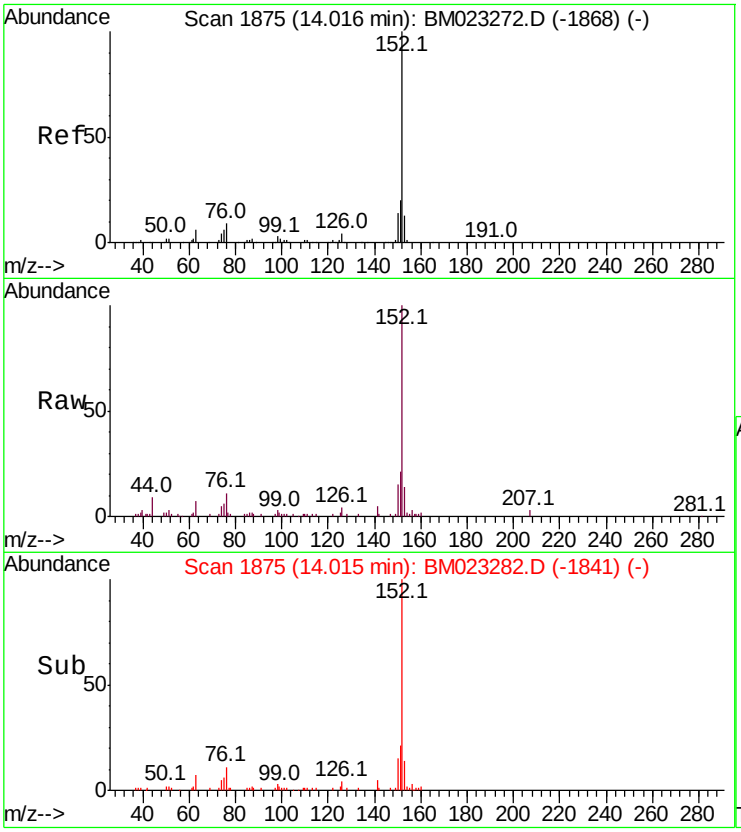
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023282.D
Acq On : 19 Oct 2019 11:31
Operator : JU
Sample : K5262-18DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 19 23:37:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration



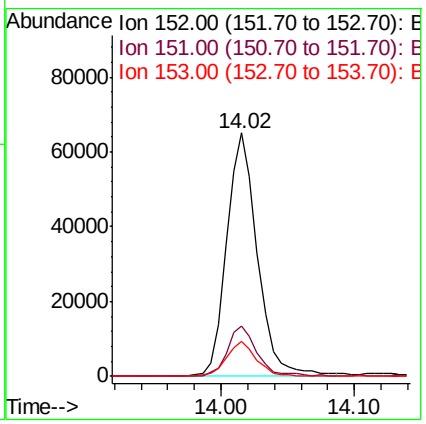


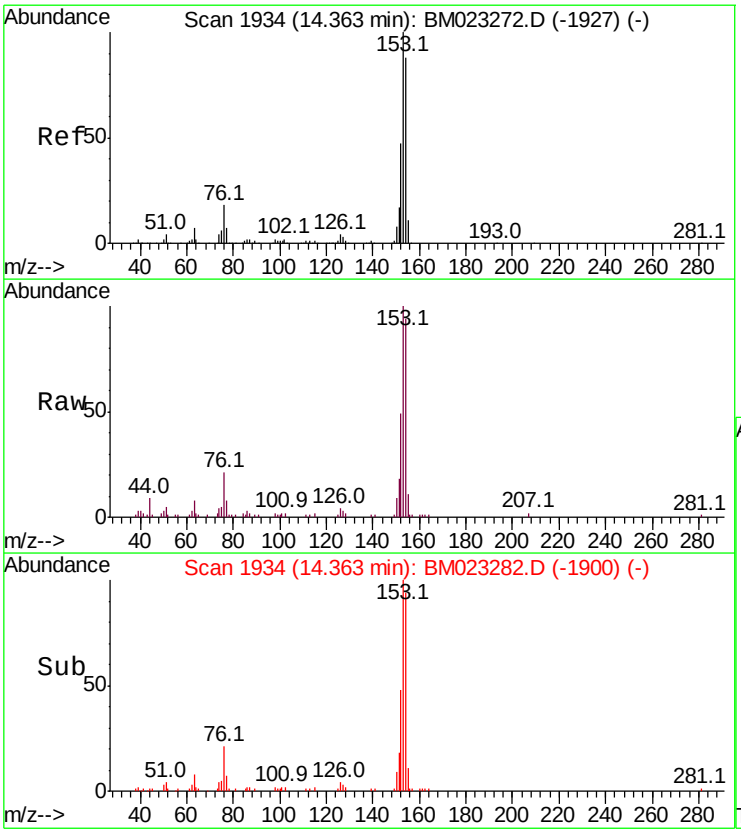
#48
Acenaphthylene
Concen: 1.234 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 104616

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.8	23.6
153	14.2	10.3	15.5

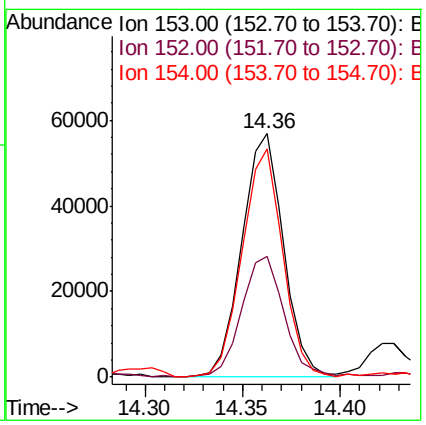


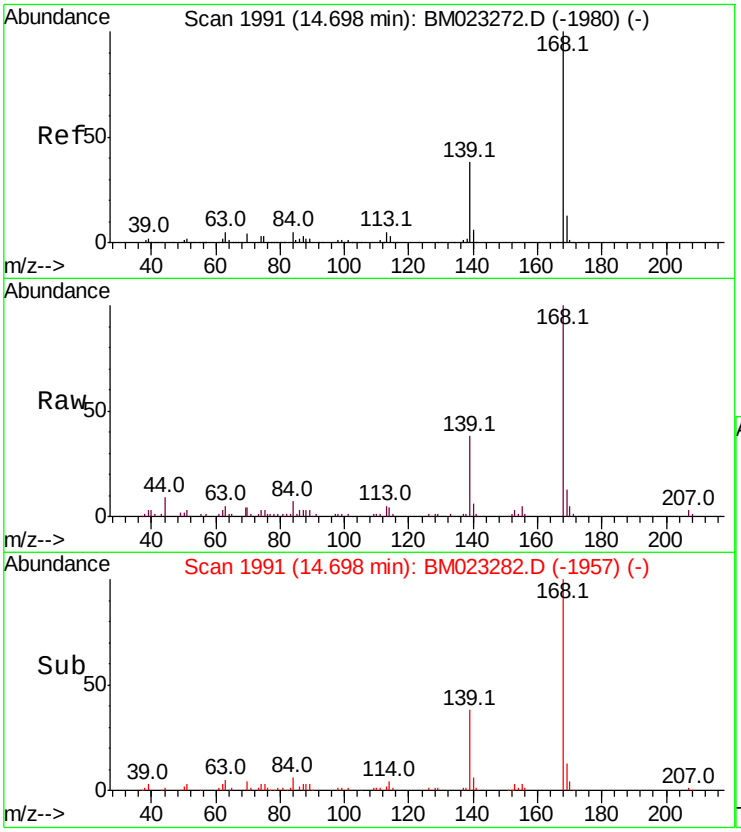


#50
Acenaphthene
Concen: 1.426 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:153 Resp: 84151

Ion	Ratio	Lower	Upper
153	100		
152	49.4	38.0	57.0
154	93.6	70.4	105.6



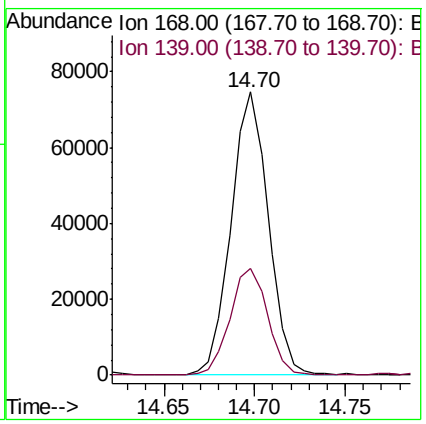


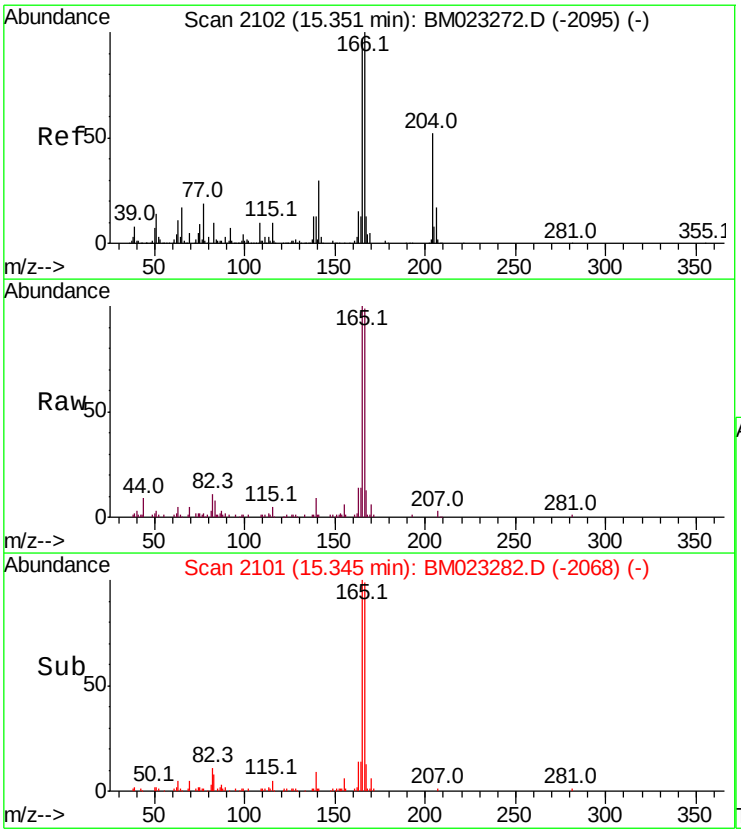
#54
Dibenzofuran
Concen: 1.276 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 106874

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1

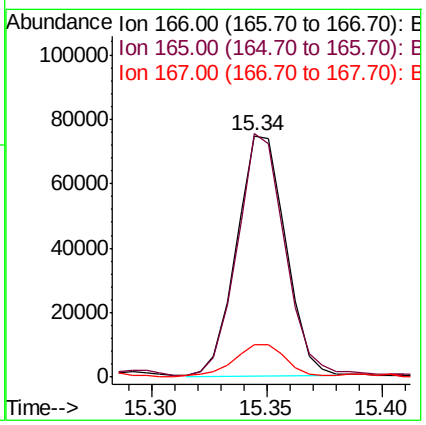


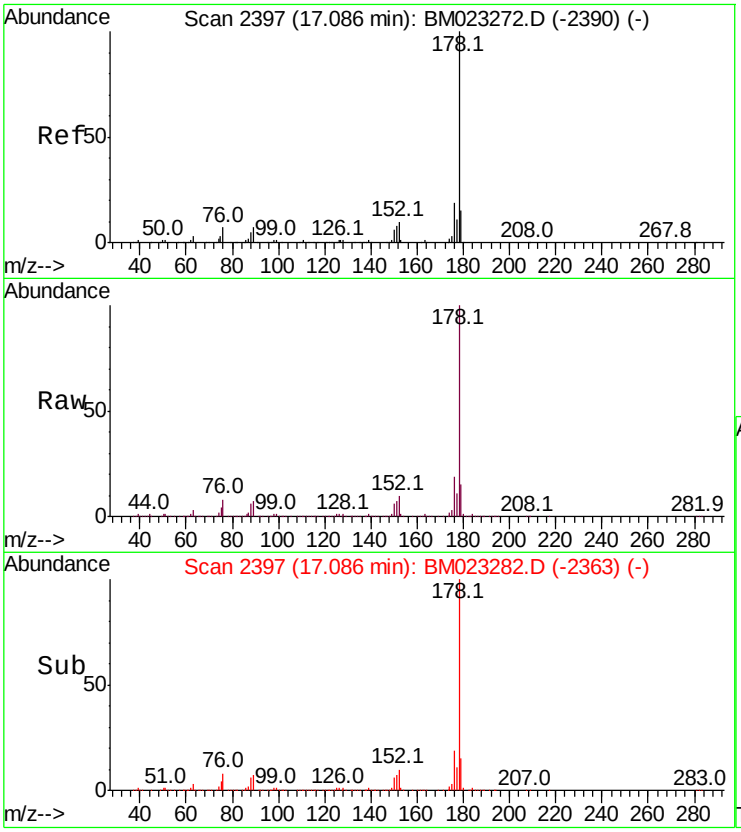


#59
Fluorene
Concen: 1.602 ng/ul
RT: 15.34 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:166 Resp: 110143

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.4	116.0
167	13.2	10.8	16.2



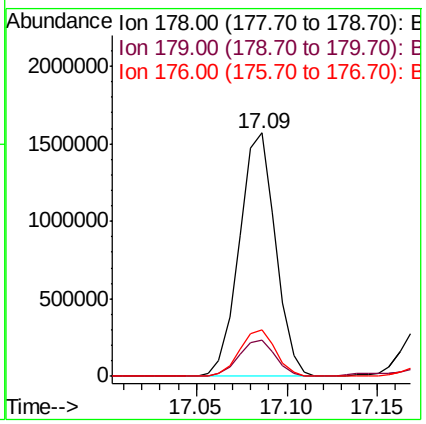


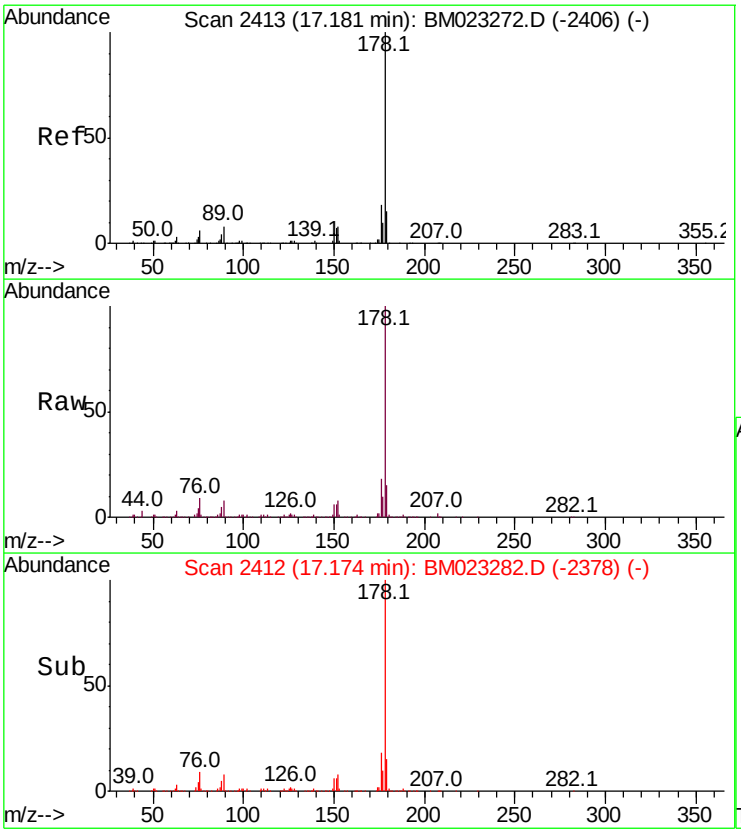
#70
Phenanthrene
Concen: 20.820 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2175150

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	19.0	15.5	23.3

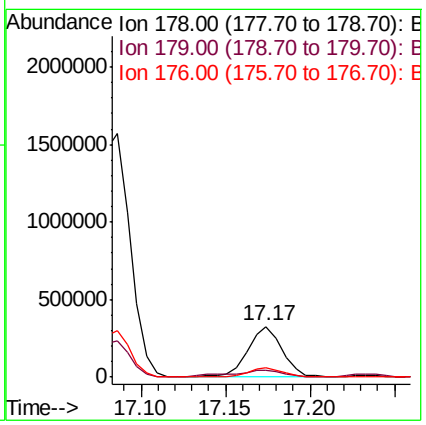


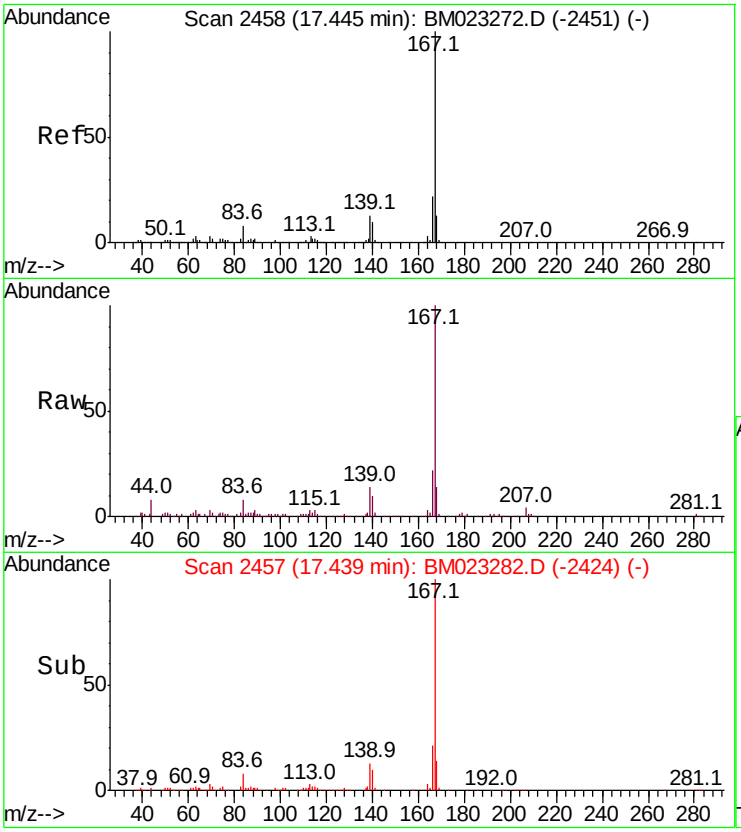


#72
Anthracene
Concen: 4.281 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:178 Resp: 462160

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.3	15.0	22.4



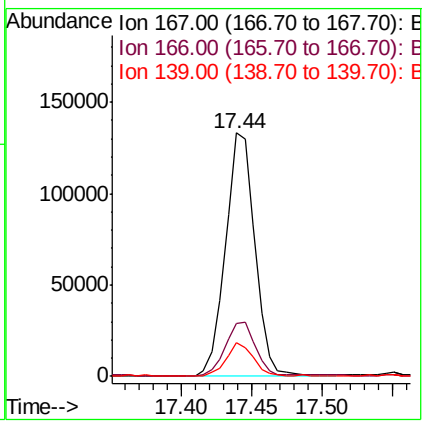


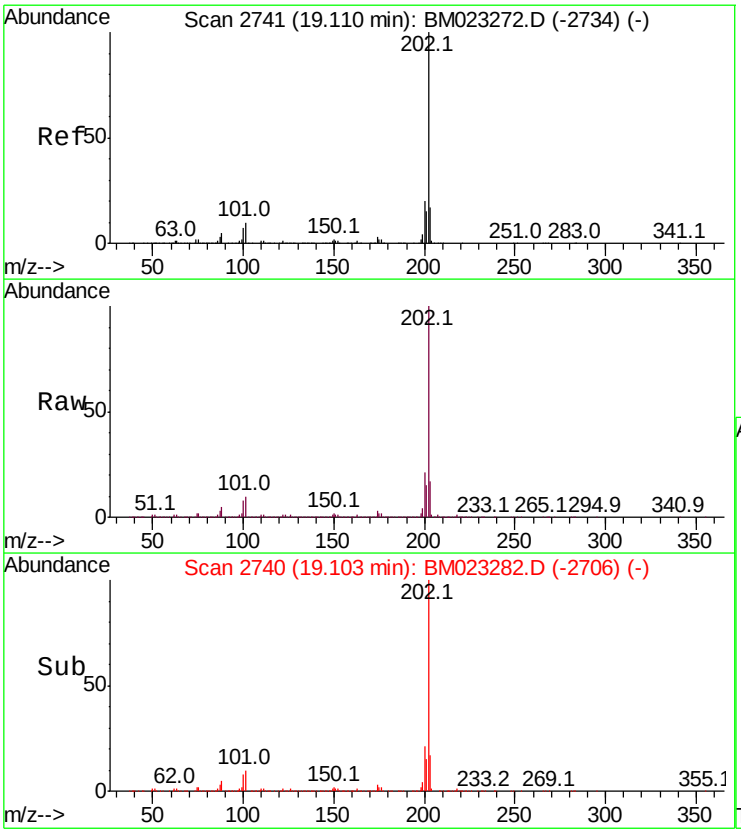
#75
Carbazole
Concen: 2.012 ng/ul
RT: 17.44 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 194022

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.8	10.2	15.2

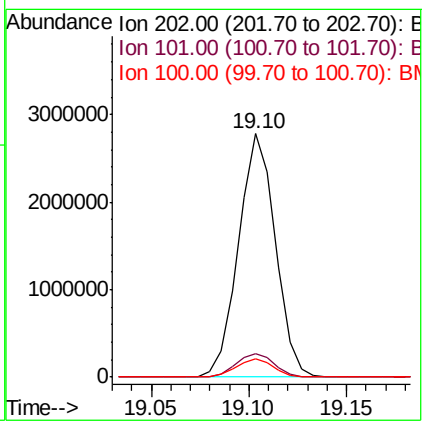


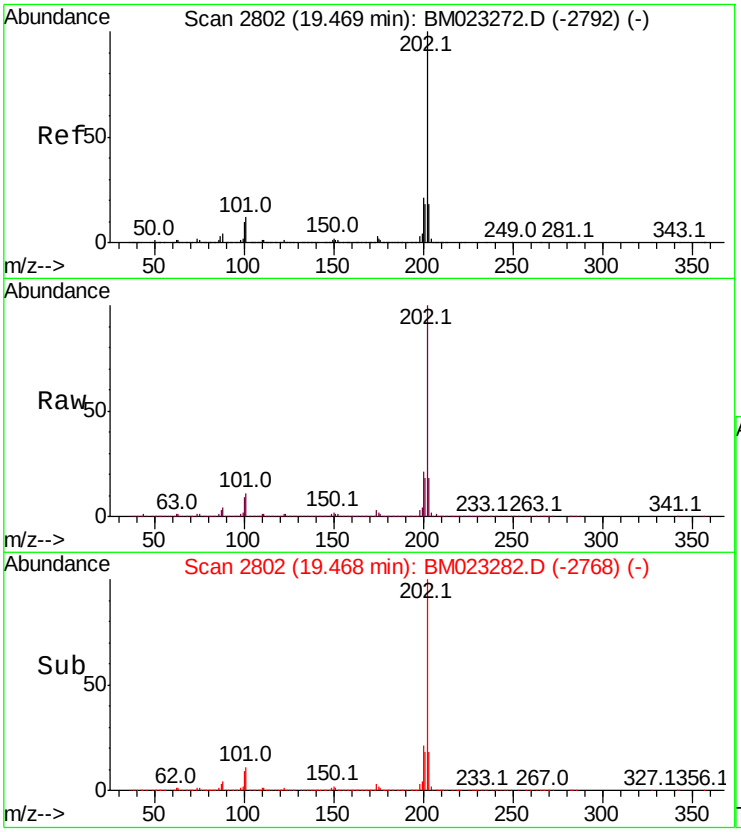


#77
Fluoranthene
Concen: 29.190 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:202 Resp: 3626790

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
100	7.6	6.1	9.1



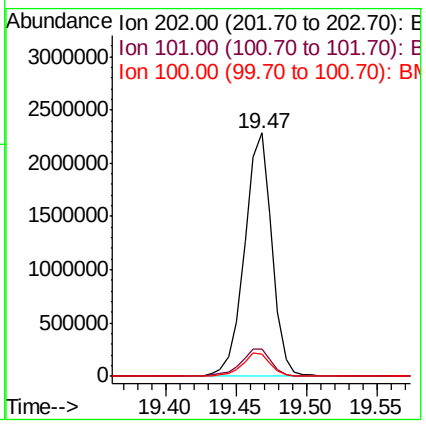


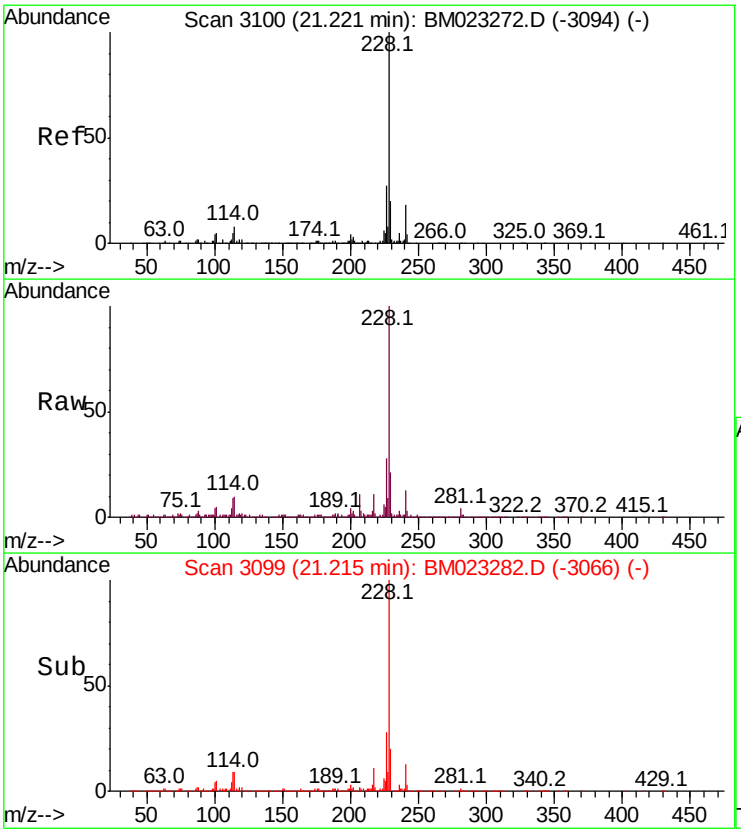
#80
Pyrene
Concen: 24.877 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3093282

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.3	7.5	11.3

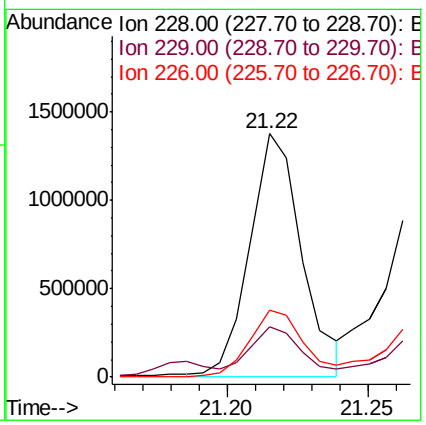


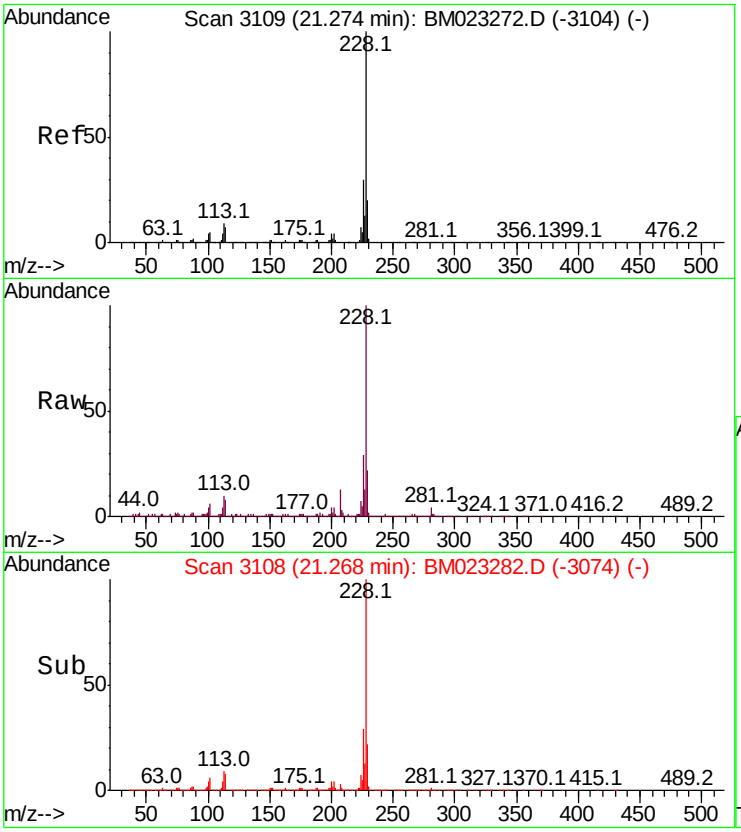


#83
Benzo(a)anthracene
Concen: 13.090 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:228 Resp: 1760427

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.7	21.6	32.4



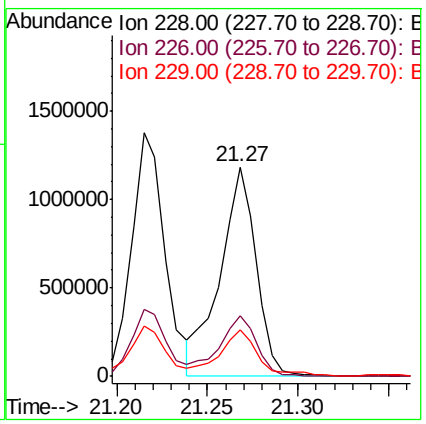


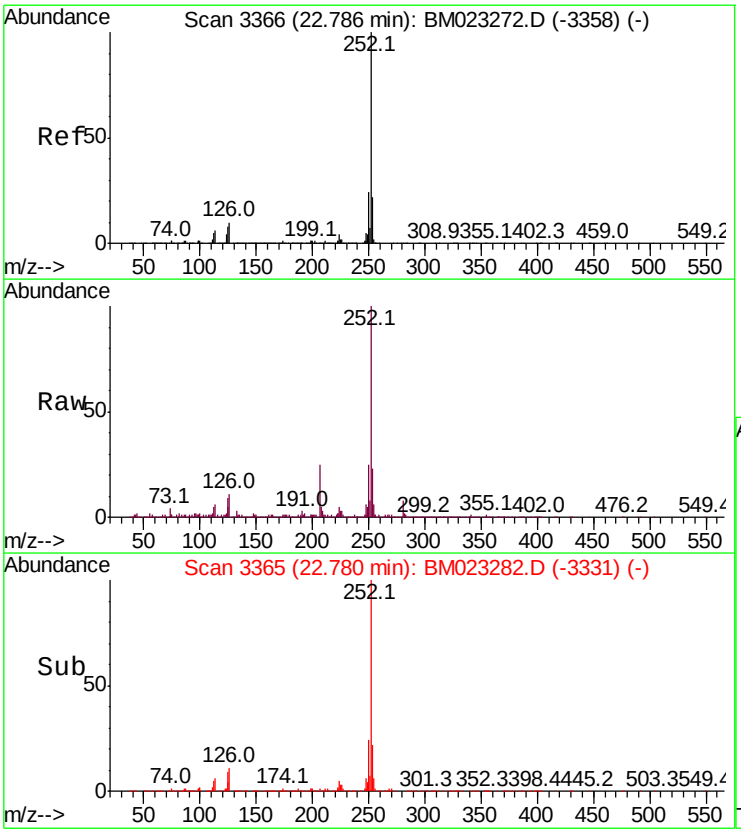
#85
Chrysene
Concen: 13.036 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1627919

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.6
229	22.1	15.5	23.3

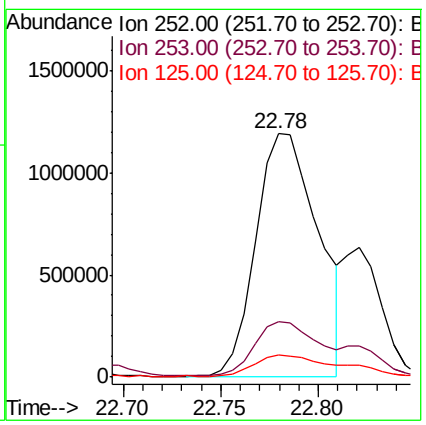


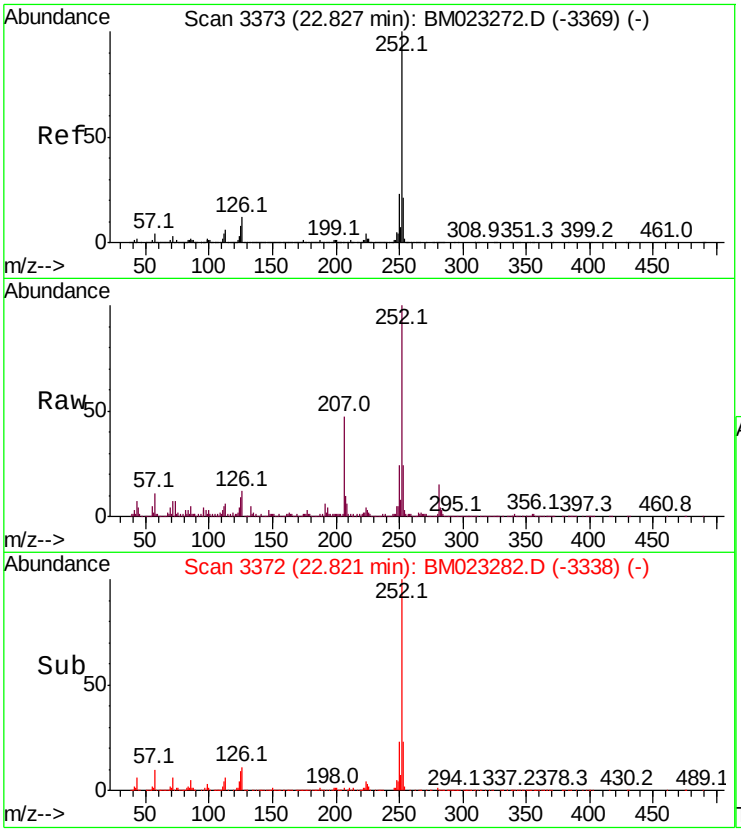


#88
Benzo(b)fluoranthene
Concen: 17.910 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:252 Resp: 2633441

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.2	6.4	9.6



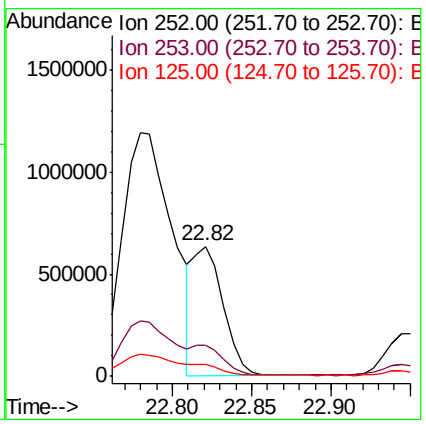


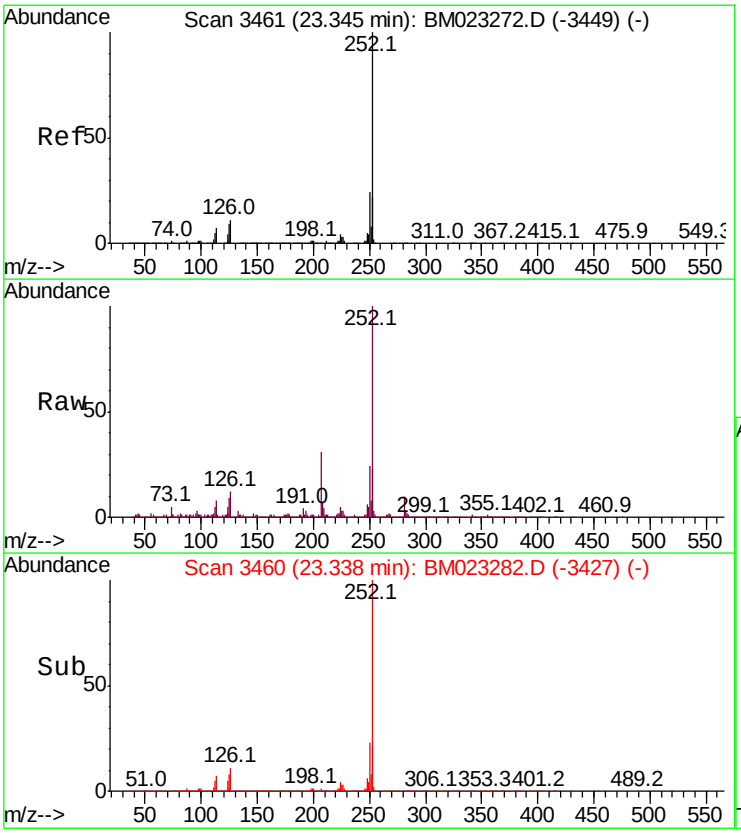
#89
Benzo(k)fluoranthene
Concen: 5.837 ng/ul
RT: 22.82 min Scan# 3372
Delta R.T. -0.00 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 824058

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	9.2	6.5	9.7

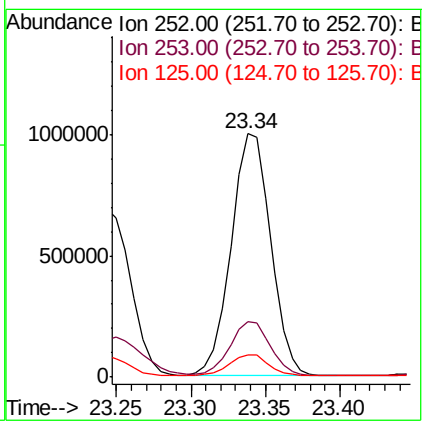


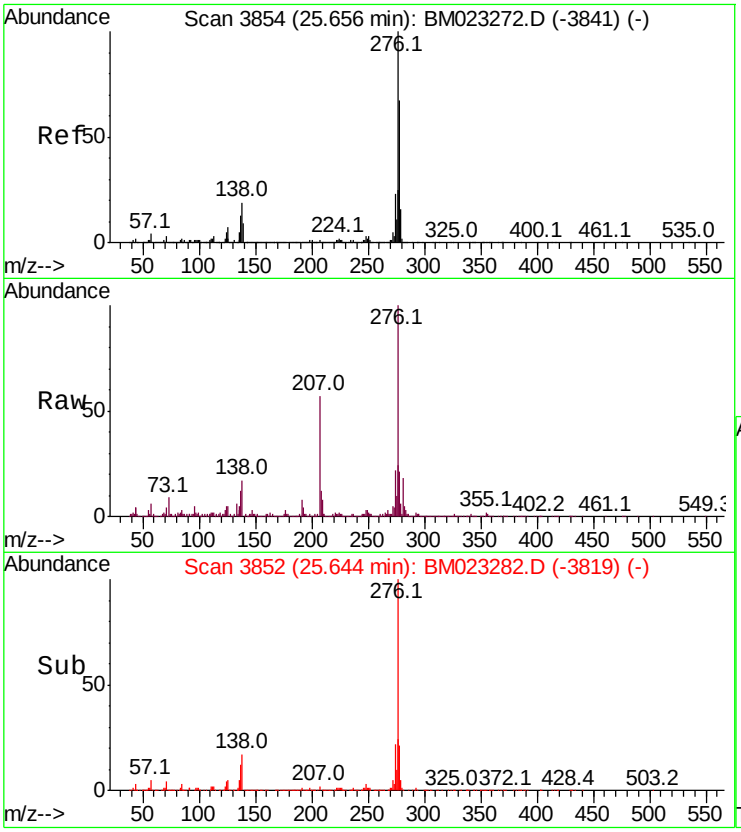


#91
Benzo(a)pyrene
Concen: 13.067 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:252 Resp: 1843303

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	9.0	7.4	11.0



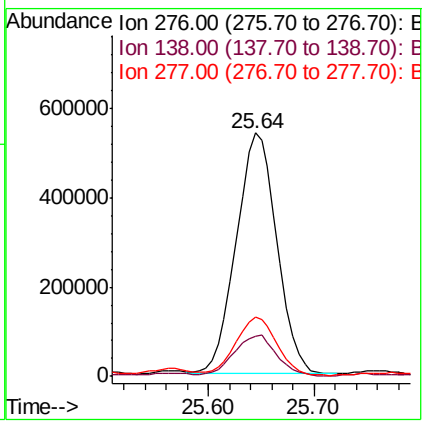


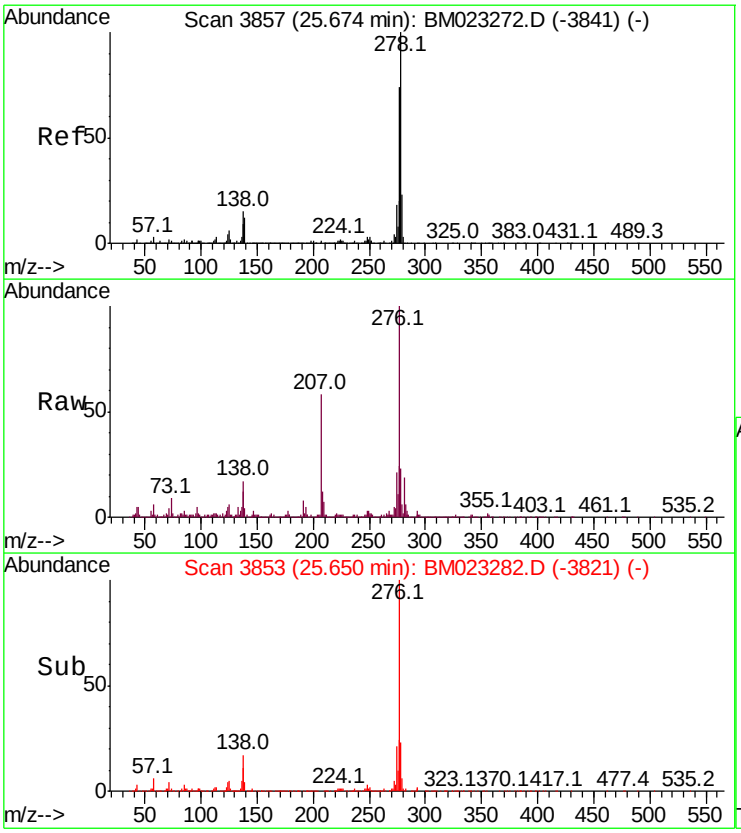
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.595 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1442437

Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.9	22.3
277	24.3	19.8	29.8

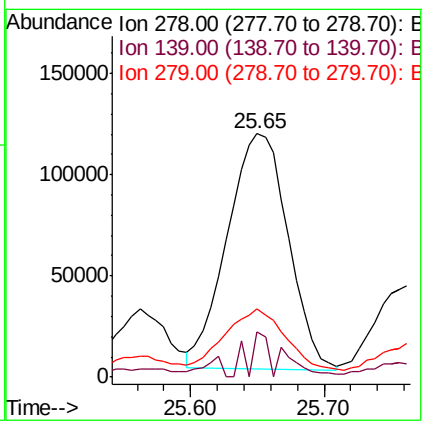


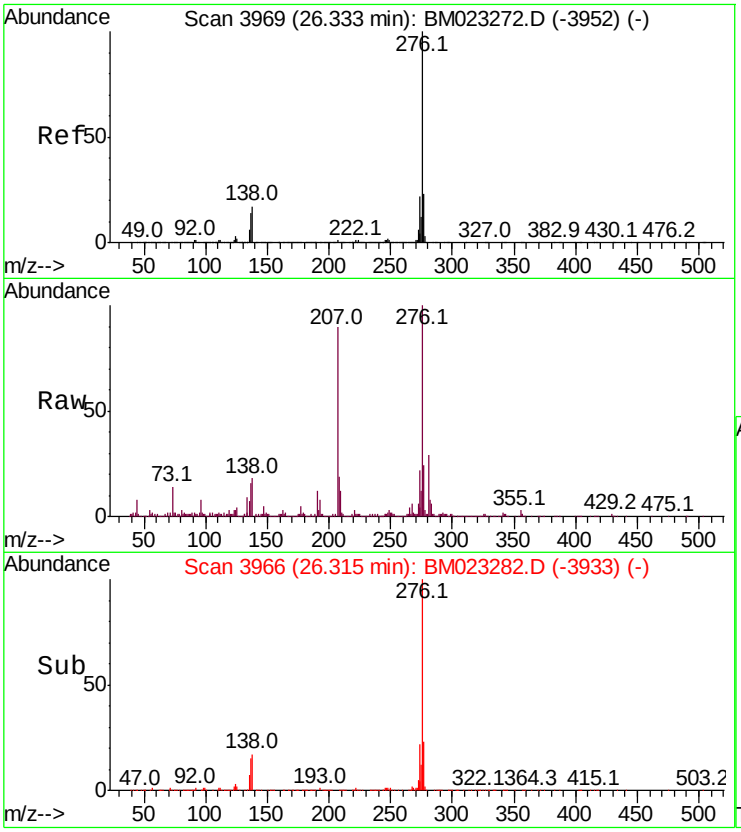


#93
Dibenzo(a,h)anthracene
Concen: 2.621 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Tgt Ion:278 Resp: 367710

Ion	Ratio	Lower	Upper
278	100		
139	18.7	10.0	15.0#
279	27.9	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 7.402 ng/ul
RT: 26.31 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BM023282.D
Acq: 19 Oct 2019 11:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1022748

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.4	21.6
277	24.2	19.4	29.2