Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Not Reviewed)

Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB85

Quant Time: Oct 23 01:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	397701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1563382	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	969596	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2081910	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2315150	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	3440983	20.00	ng/ul	-0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	33857	3.75	ng/uL	0.00
5) Phenol-d5	6.82	99	704225	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	393651	20.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	560153	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	562400	20.21	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	264990	25.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	290596	28.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	564666	22.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	114125	3.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1694720	22.81	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2051661	23.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	268522	22.32	ng/ul	0.00
58) Fluorene-d10	15.29	176	1520972	24.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	157667	19.10	ng/ul	0.00
71) Anthracene-d10	17.13	188	2433031	24.24	ng/ul	0.00
79) Pyrene-d10	19.44	212	2716021	24.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	3436952	19.70	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.85	94	73514	2.058	ng/ul	97
17) Hexachloroethane	8.75	117	19975	1.814	ng/ul#	5
28) Naphthalene	10.47	128	576660	7.136	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	230147	3.827	ng/ul	100
35) 1-Methylnaphthalene	12.32	142	198667	3.414	ng/ul	97
41) 1,1'-Biphenyl	13.12	154	107764	1.461	ng/ul	96
45) Dimethylphthalate	13.76	163	780294	10.492	ng/ul	99
48) Acenaphthylene	14.01	152	2535704	28.458	ng/ul	100
50) Acenaphthene	14.36	153	265883	4.285	ng/ul	98
54) Dibenzofuran	14.69	168	103568	1.176	ng/ul	90
59) Fluorene	15.34	166	152308	2.108	ng/ul#	93
70) Phenanthrene	17.08	178	3109545	26.614	ng/ul	98
72) Anthracene	17.17	178	1624446	13.454	ng/ul	99
77) Fluoranthene	19.10	202	6715592	48.329	ng/ul	99
80) Pyrene	19.47	202	9698732	66.872	ng/ul	99
83) Benzo(a)anthracene	21.27	228	8054347	51.344	ng/ul	93
85) Chrysene	21.27	228	8043090	55.219	ng/ul	95
88) Benzo(b)fluoranthene	22.79	252	10457813	50.126	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	10457813	52.203	ng/ul	98
91) Benzo(a)pyrene	23.36	252	8838418	44.157	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	5856477	24.595	ng/ul	97
93) Dibenzo(a,h)anthracene	25.37	278	1057895	5.314	ng/ul	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Not Reviewed)

Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB85

Quant Time: Oct 23 01:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

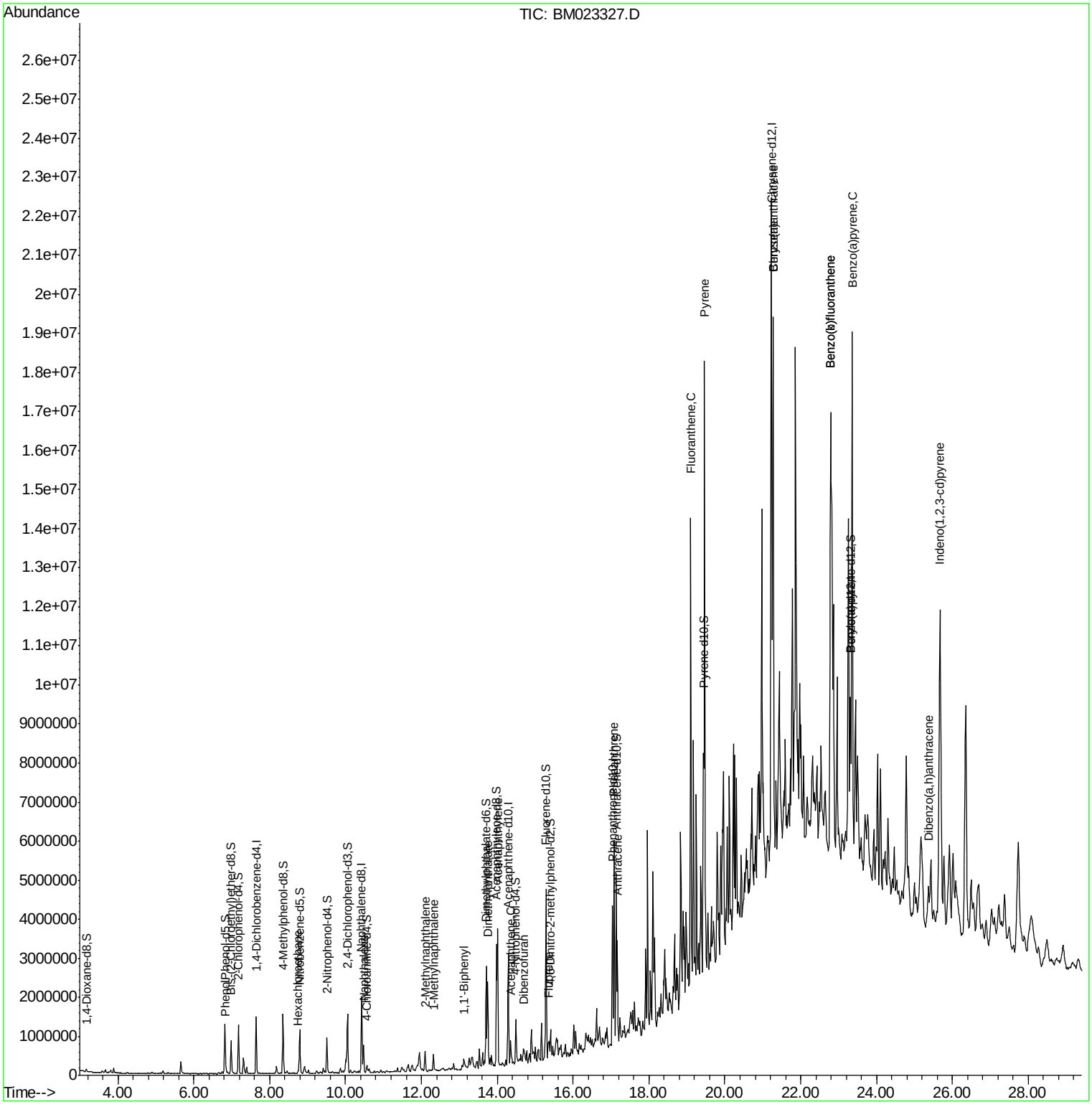
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

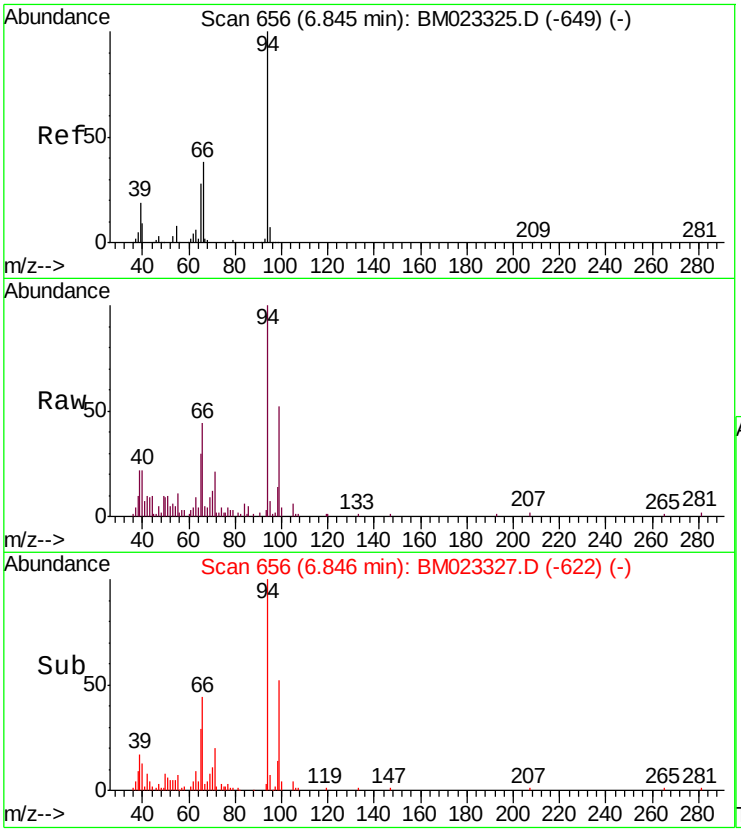
Quantitation Report (Not Reviewed)

Data File : BM023327.D
Acq On : 22 Oct 2019 20:08
Operator : JU
Sample : K5354-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB85

Quant Time: Oct 23 01:42:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration



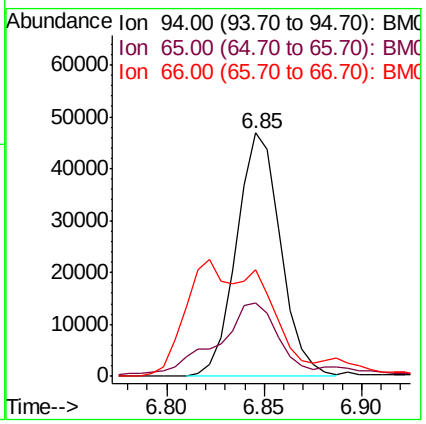


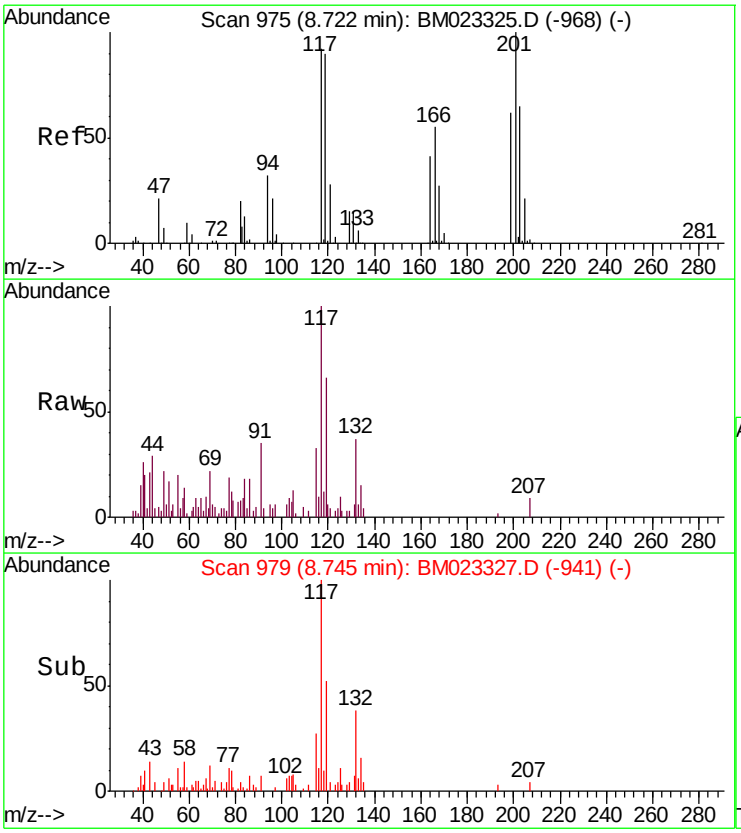
#6
Phenol
Concen: 2.058 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion: 94 Resp: 73514

Ion	Ratio	Lower	Upper
94	100		
65	30.2	23.2	34.8
66	43.6	32.9	49.3

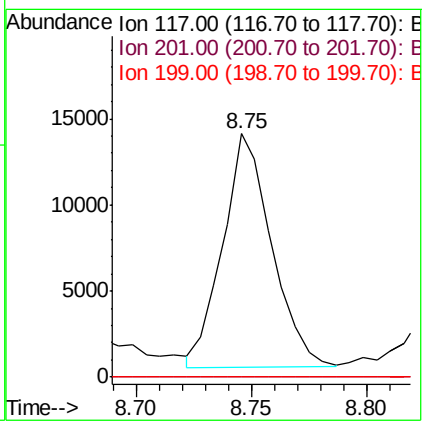


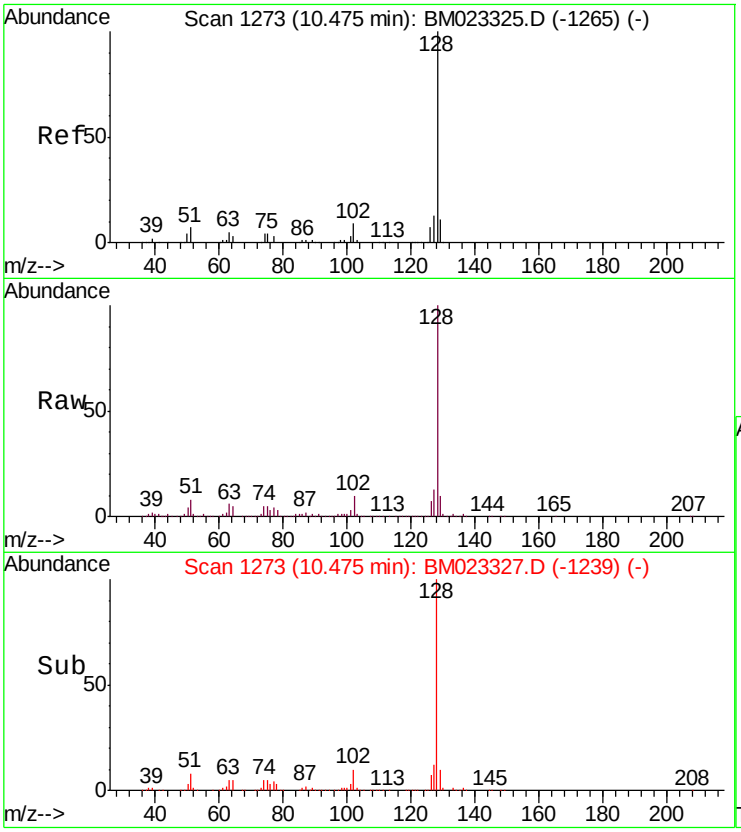


#17
Hexachloroethane
Concen: 1.814 ng/ul
RT: 8.75 min Scan# 979
Delta R.T. 0.02 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:117 Resp: 19975

Ion	Ratio	Lower	Upper
117	100		
201	0.0	85.8	128.6#
199	0.0	53.2	79.8#



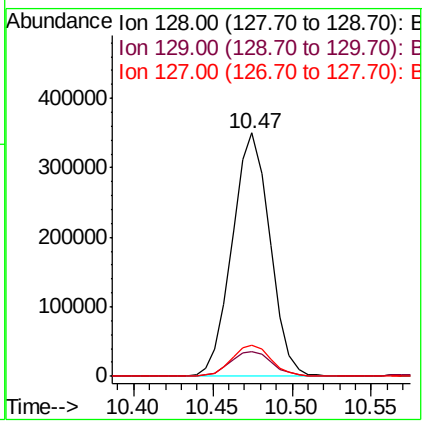


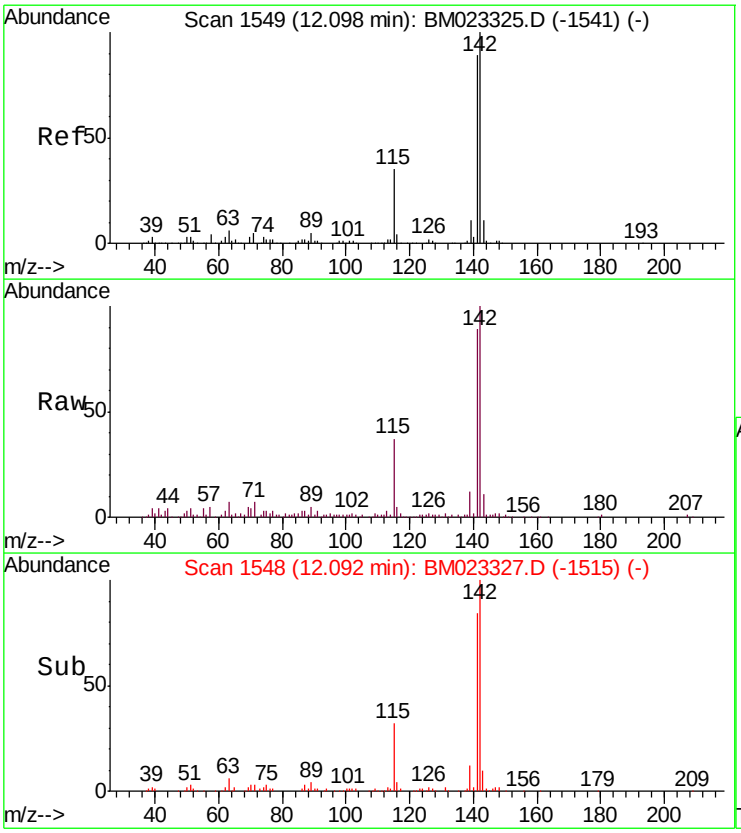
#28
Naphthalene
Concen: 7.136 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:128 Resp: 576660

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	12.6	10.2	15.4

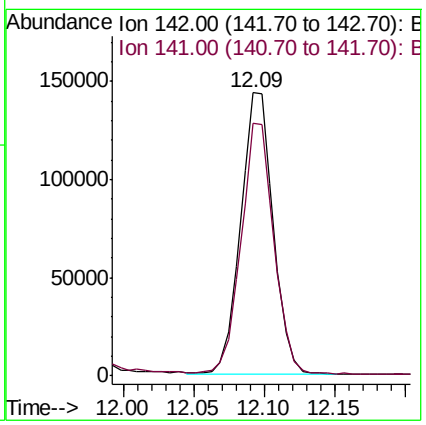


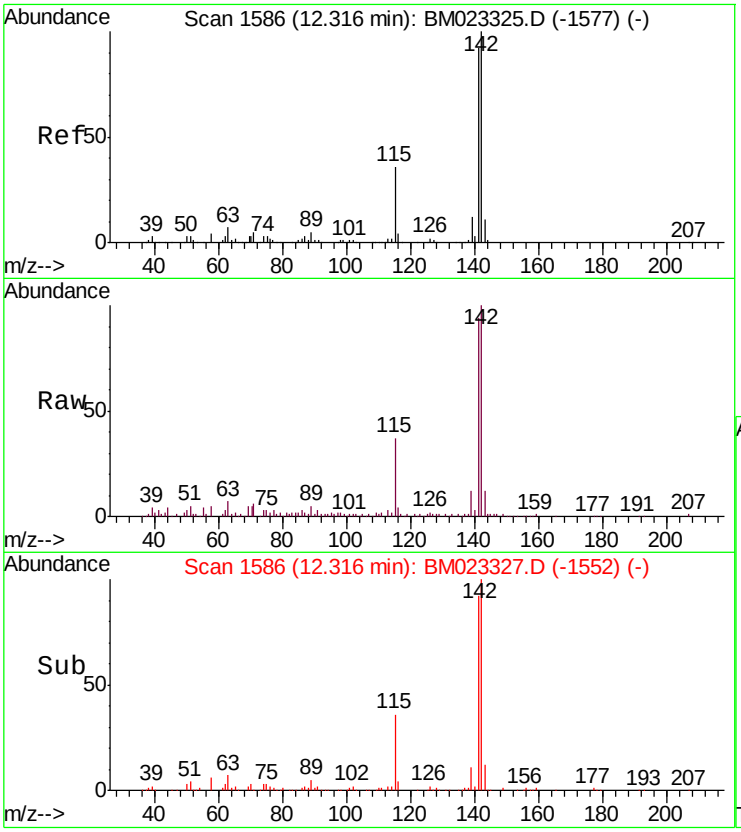


#34
2-Methylnaphthalene
Concen: 3.827 ng/ul
RT: 12.09 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:142 Resp: 230147

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0



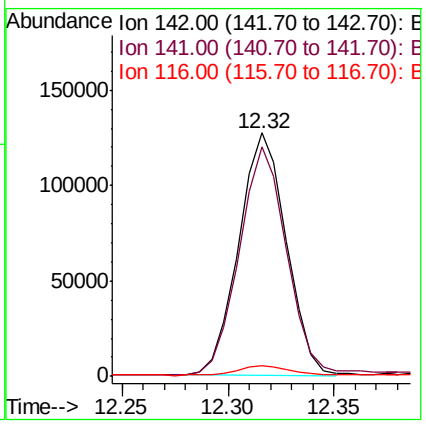


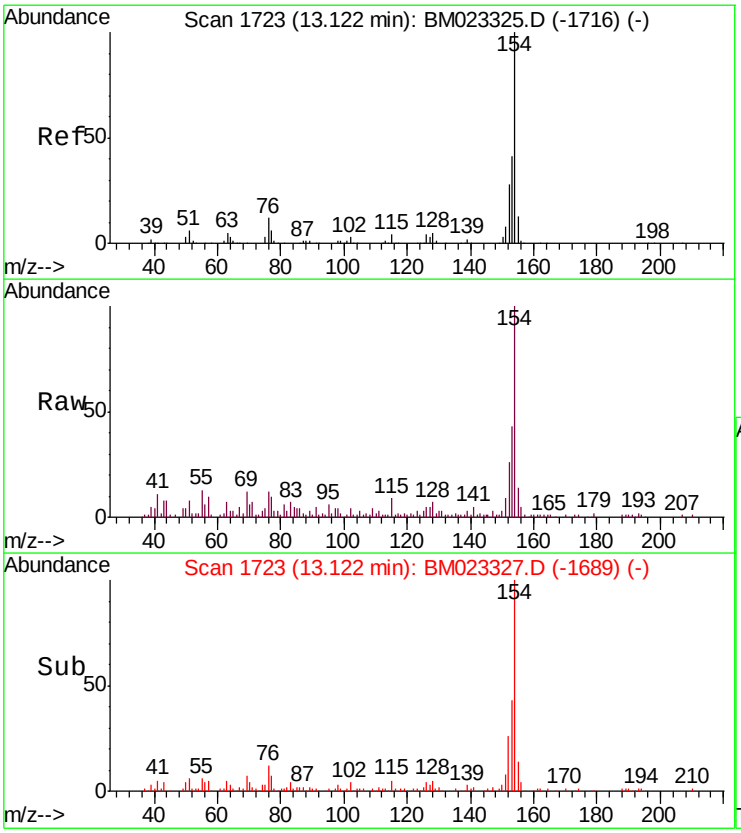
#35
1-Methylnaphthalene
Concen: 3.414 ng/ul
RT: 12.32 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:142 Resp: 198667

Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.0	109.6
116	4.4	3.0	4.4

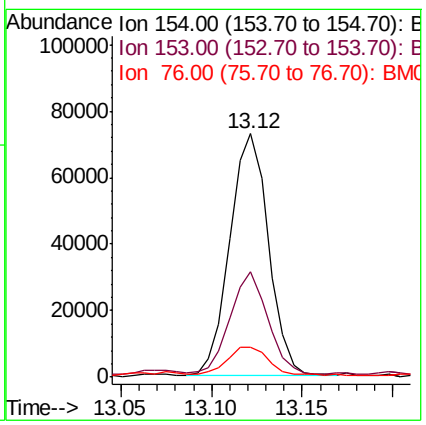


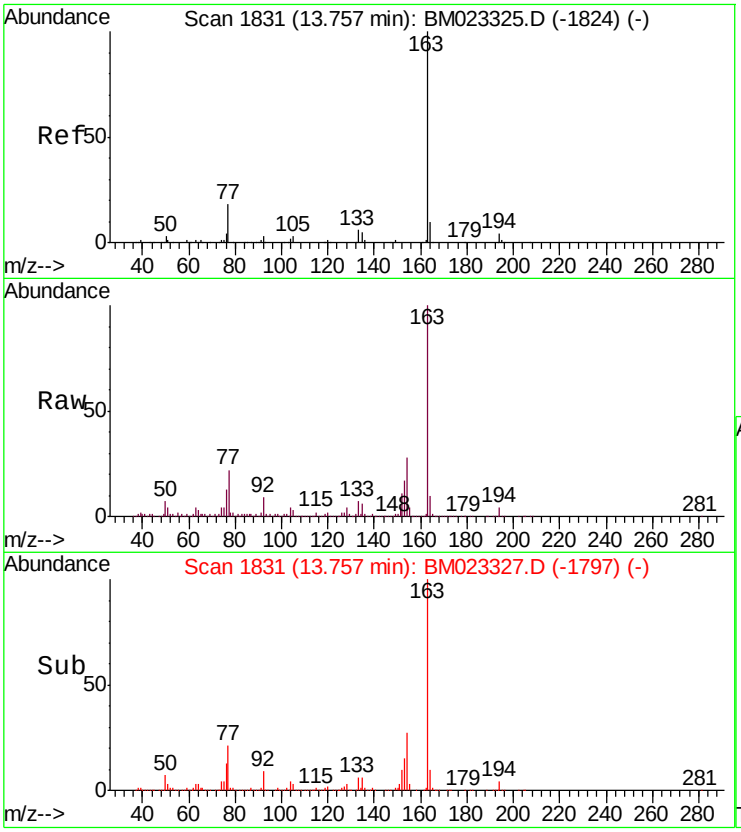


#41
1,1'-Biphenyl
Concen: 1.461 ng/ul
RT: 13.12 min Scan# 1723
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:154 Resp: 107764

Ion	Ratio	Lower	Upper
154	100		
153	43.4	32.2	48.2
76	12.4	10.0	15.0



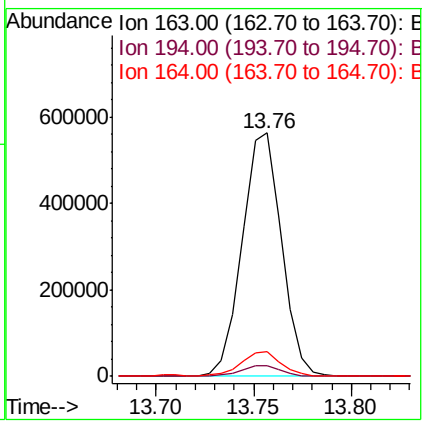


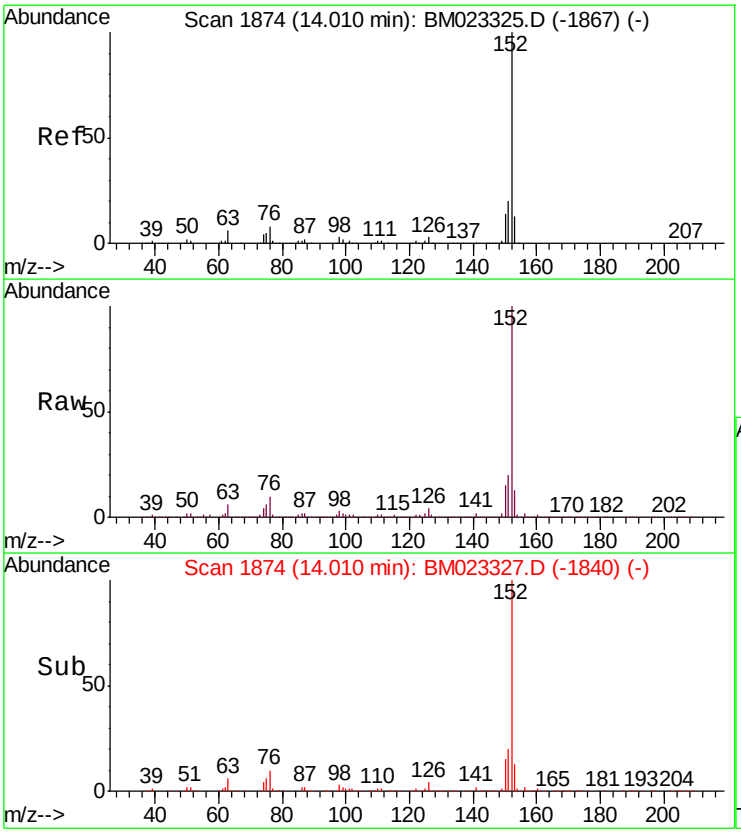
#45
Dimethylphthalate
Concen: 10.492 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:163 Resp: 780294

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.6

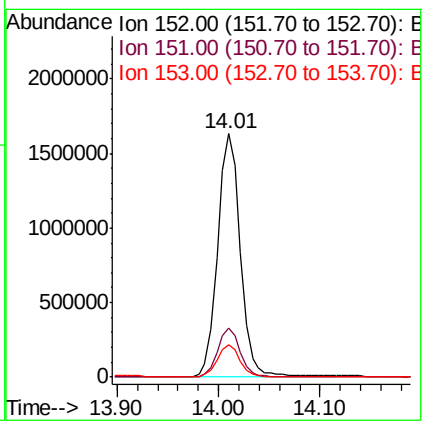


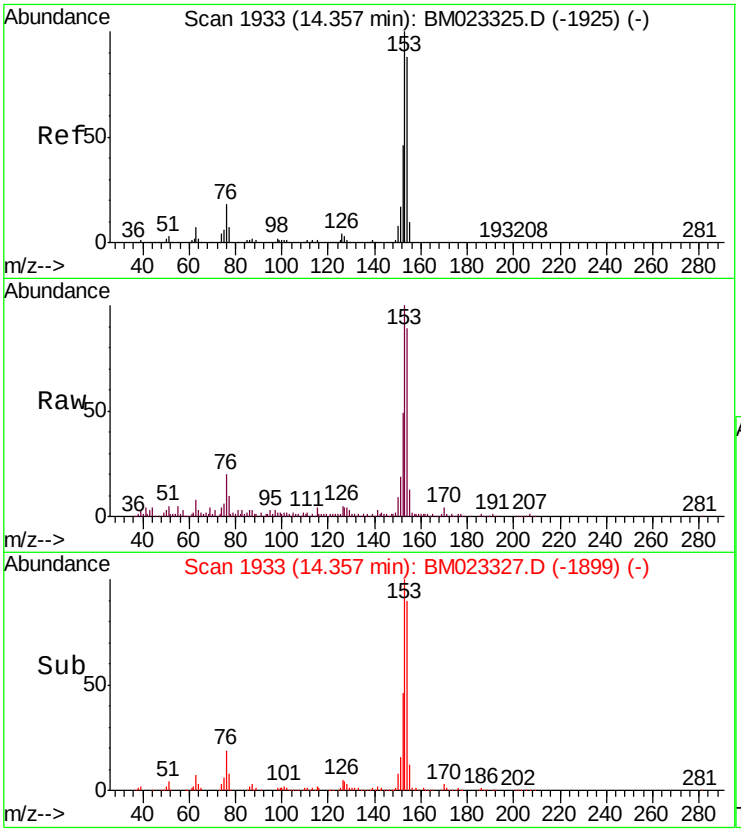


#48
Acenaphthylene
Concen: 28.458 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:152 Resp: 2535704

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.2	10.3	15.5



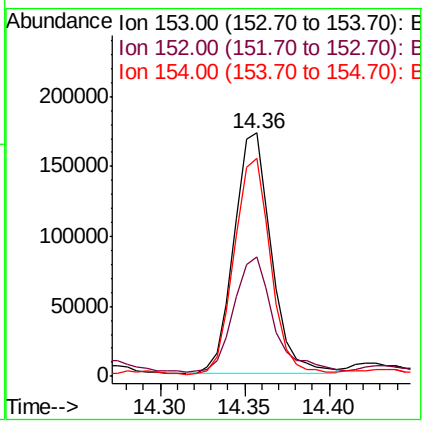


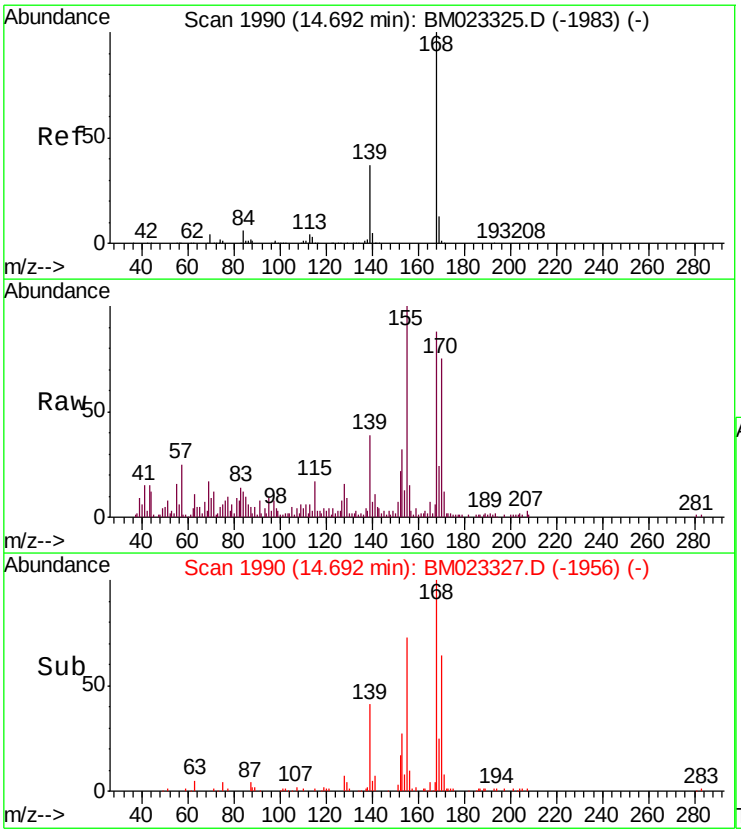
#50
Acenaphthene
Concen: 4.285 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:153 Resp: 265883

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.4	56.0
154	89.4	70.7	106.1

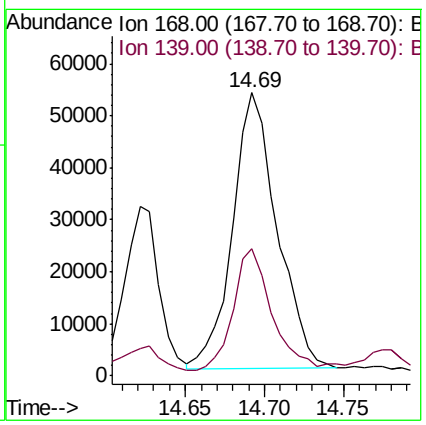


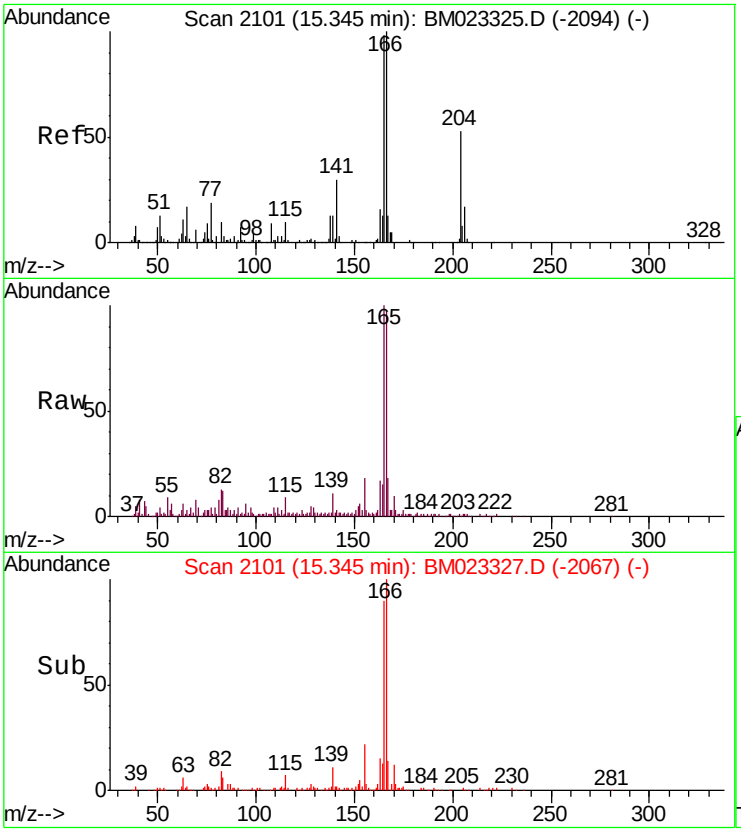


#54
Dibenzofuran
Concen: 1.176 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:168 Resp: 103568

Ion	Ratio	Lower	Upper
168	100		
139	44.9	31.0	46.4



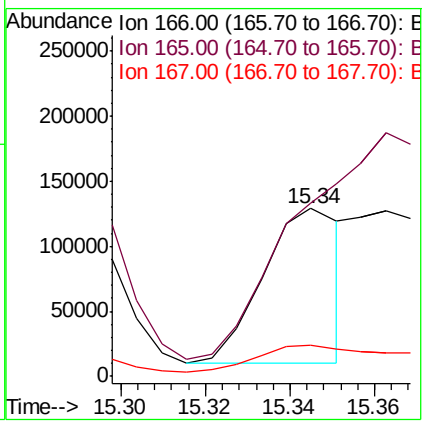


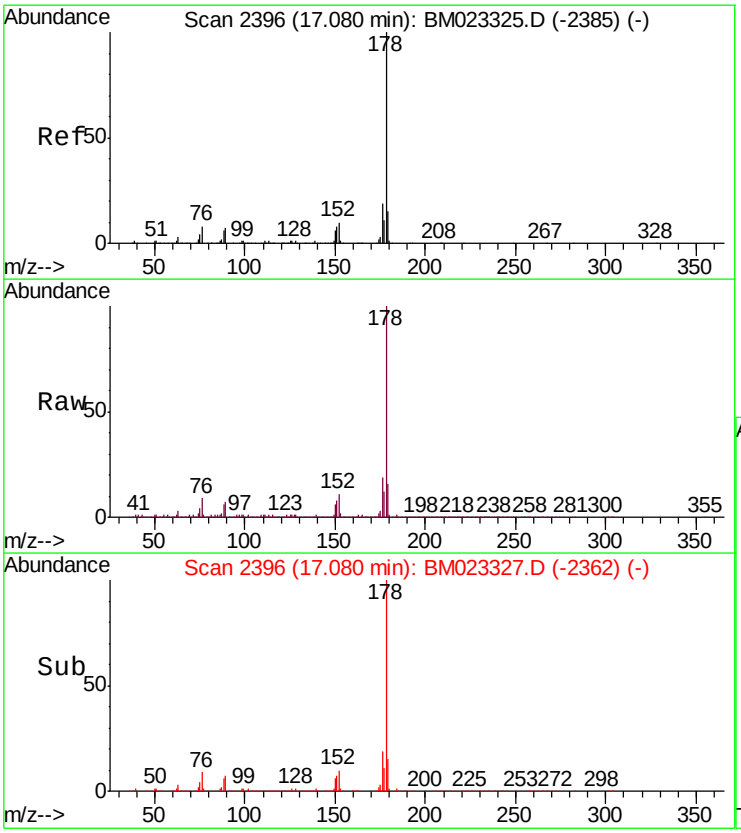
#59
Fluorene
Concen: 2.108 ng/ul
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:166 Resp: 152308

Ion	Ratio	Lower	Upper
166	100		
165	103.6	78.3	117.5
167	18.9	10.7	16.1#

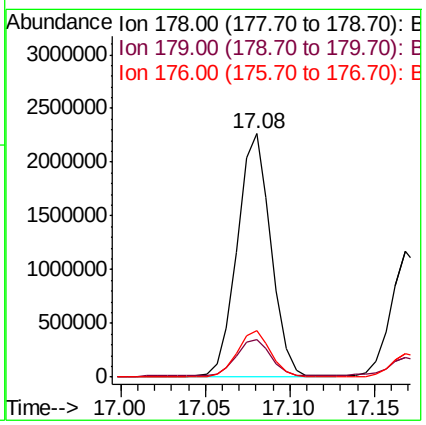


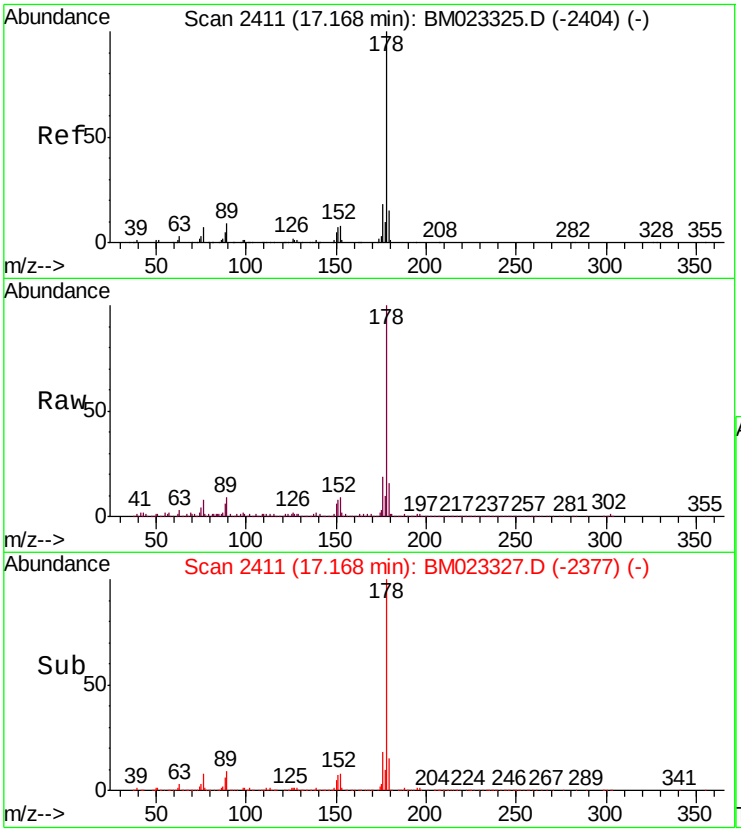


#70
Phenanthrene
Concen: 26.614 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:178 Resp: 3109545

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	19.1	15.0	22.4



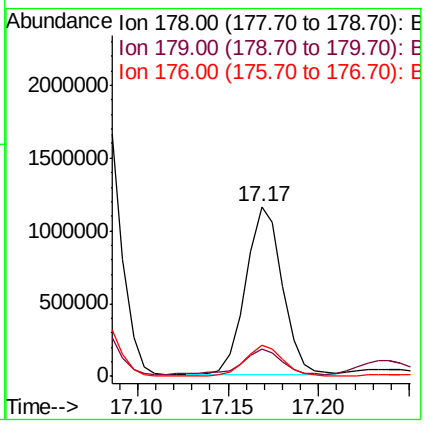


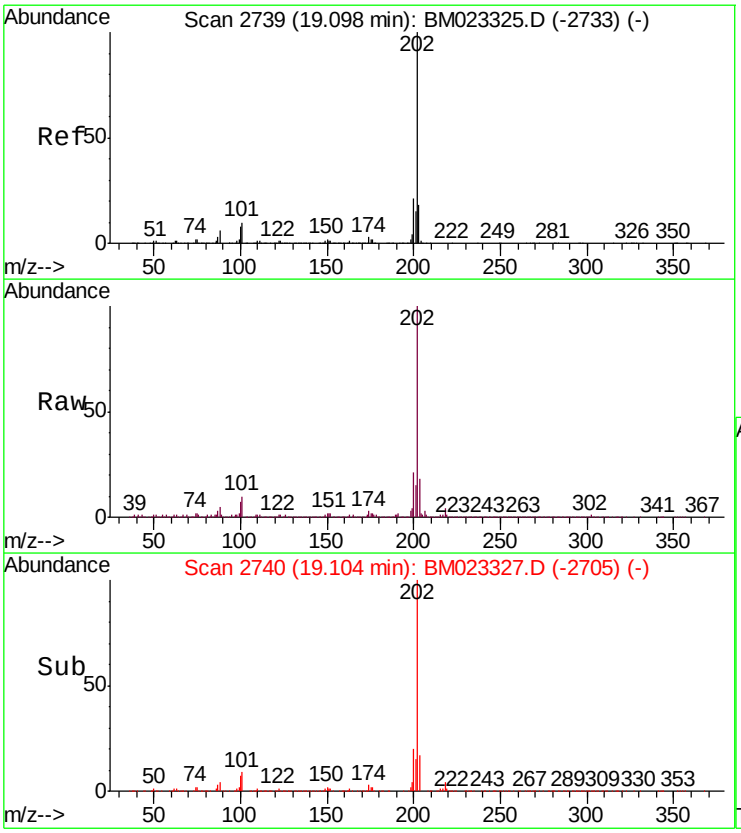
#72
Anthracene
Concen: 13.454 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:178 Resp: 1624446

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.5	18.7
176	18.5	14.8	22.2

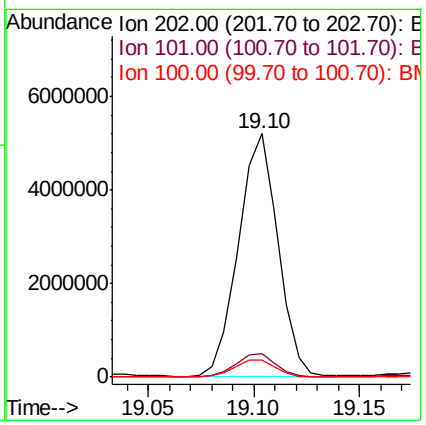


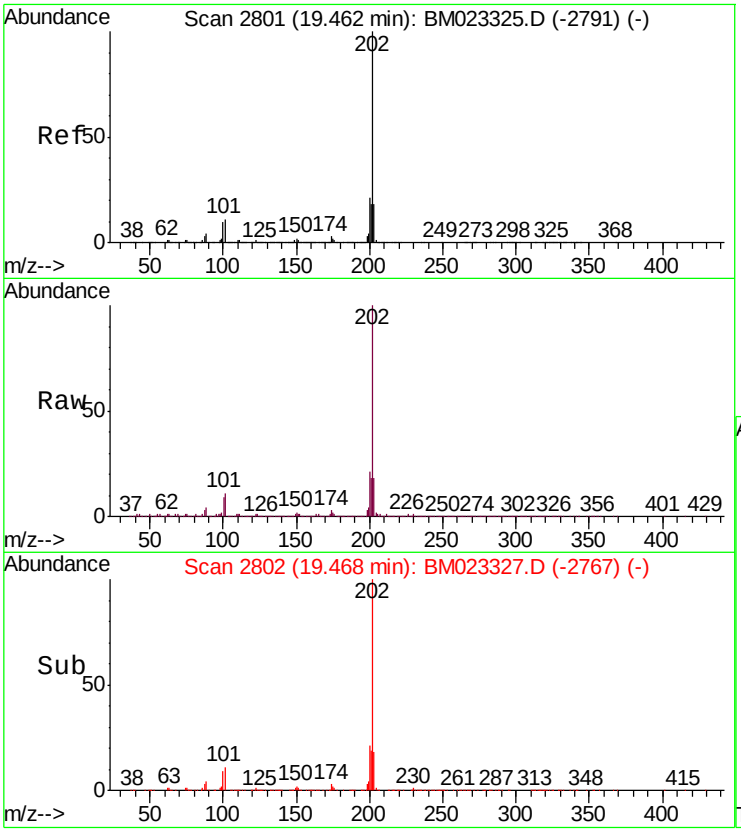


#77
Fluoranthene
Concen: 48.329 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:202 Resp: 6715592

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.2	12.4
100	7.2	6.1	9.1



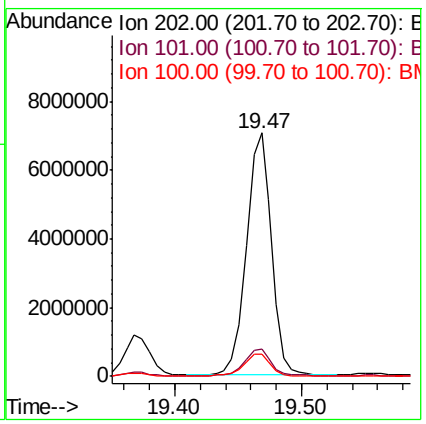


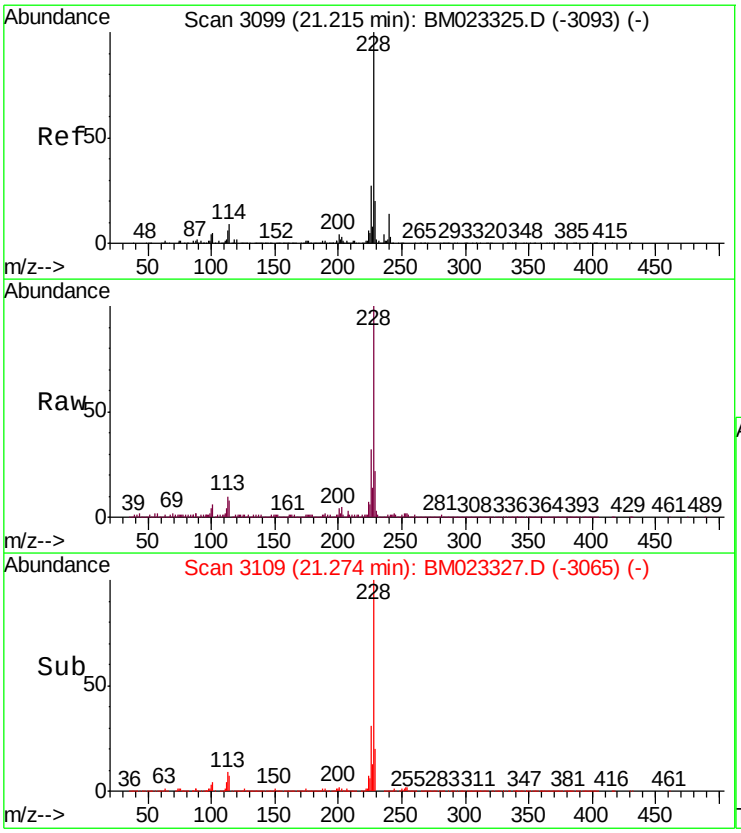
#80
Pyrene
Concen: 66.872 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:202 Resp: 9698732

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.6
100	9.2	7.5	11.3

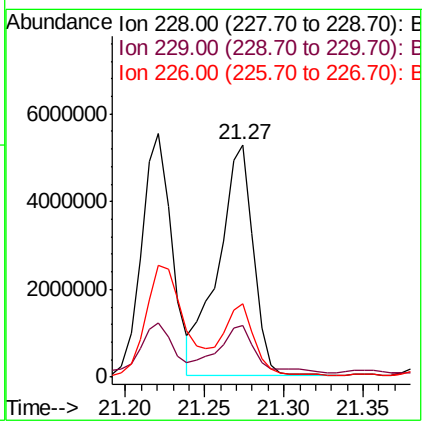


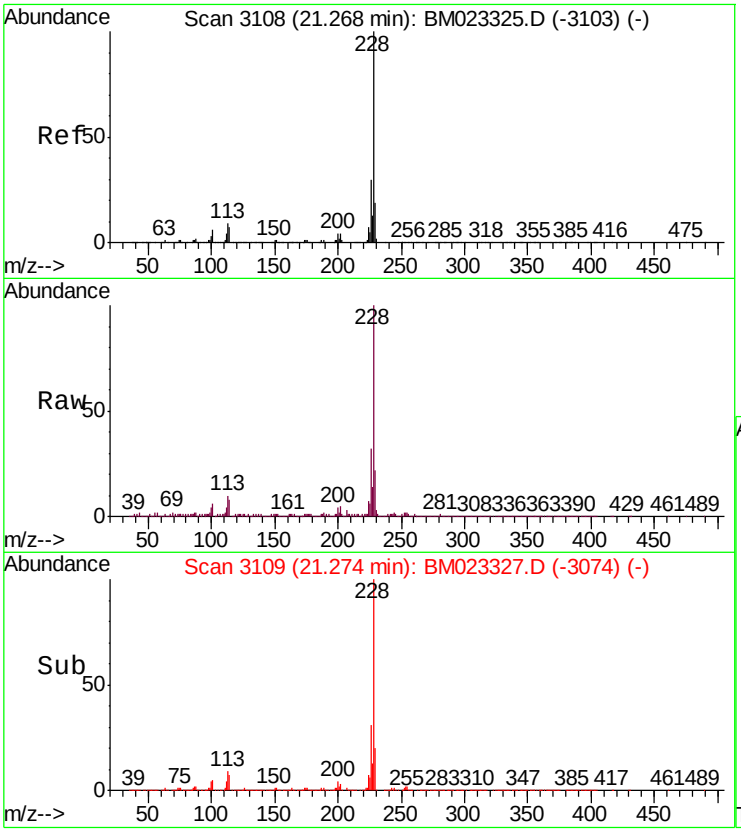


#83
Benzo(a)anthracene
Concen: 51.344 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.06 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:228 Resp: 8054347

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.8	23.8
226	31.5	21.5	32.3



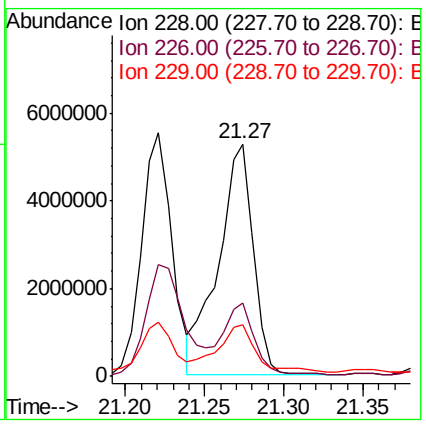


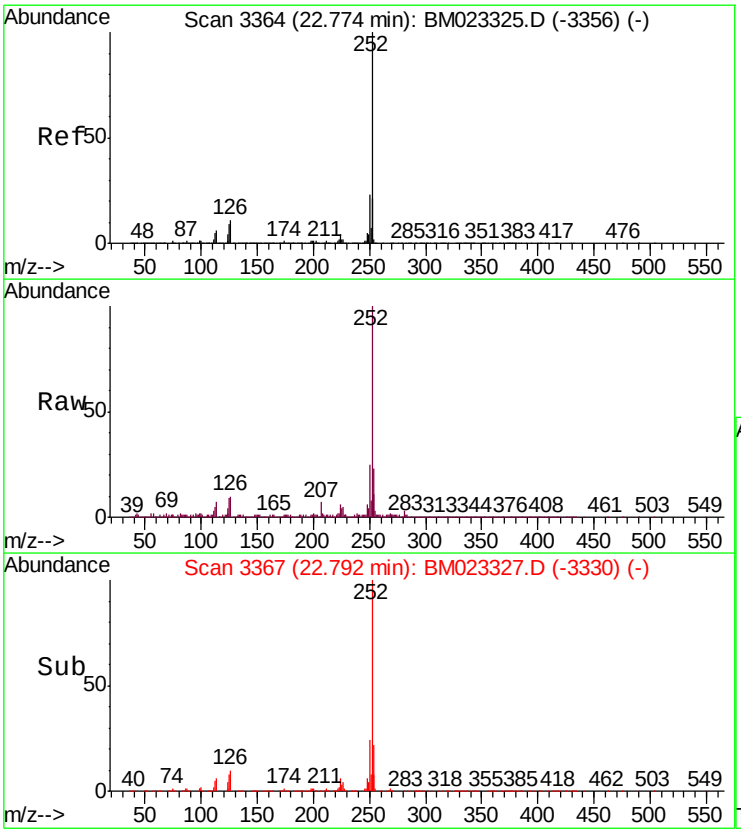
#85
Chrysene
Concen: 55.219 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:228 Resp: 8043090

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.4	35.0
229	22.0	15.5	23.3

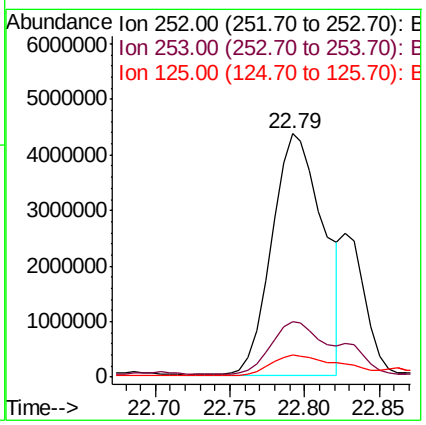


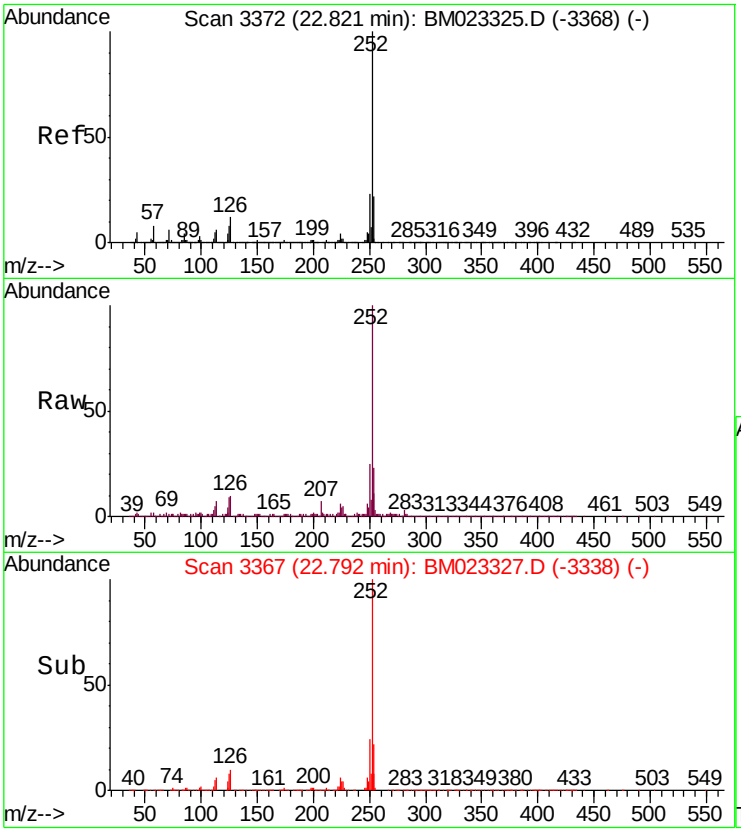


#88
Benzo(b)fluoranthene
Concen: 50.126 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. 0.02 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:252 Resp:10457813

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.1	7.0	10.4



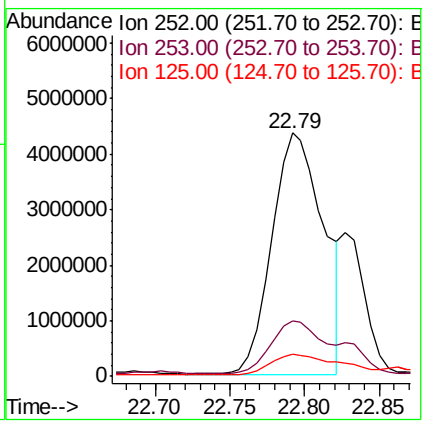


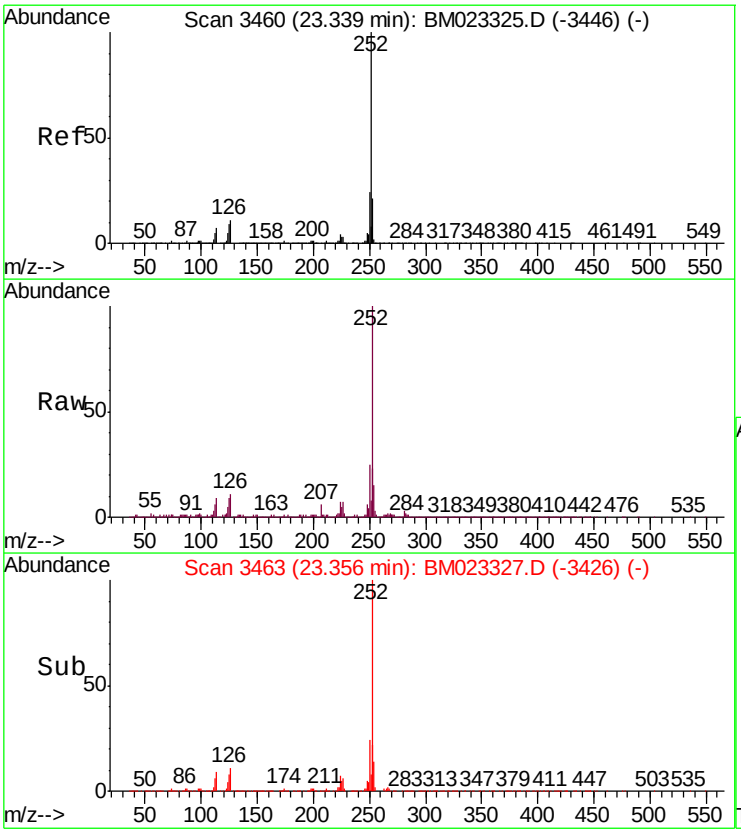
#89
Benzo(k)fluoranthene
Concen: 52.203 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.03 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:252 Resp:10457813

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.1	6.6	9.8

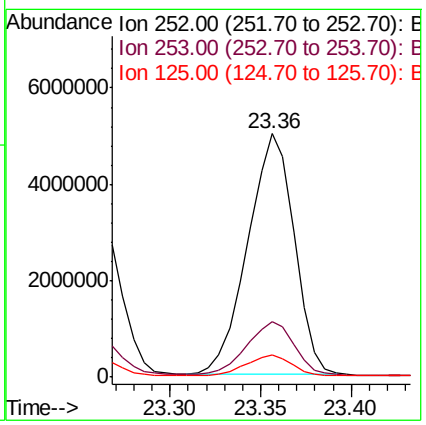


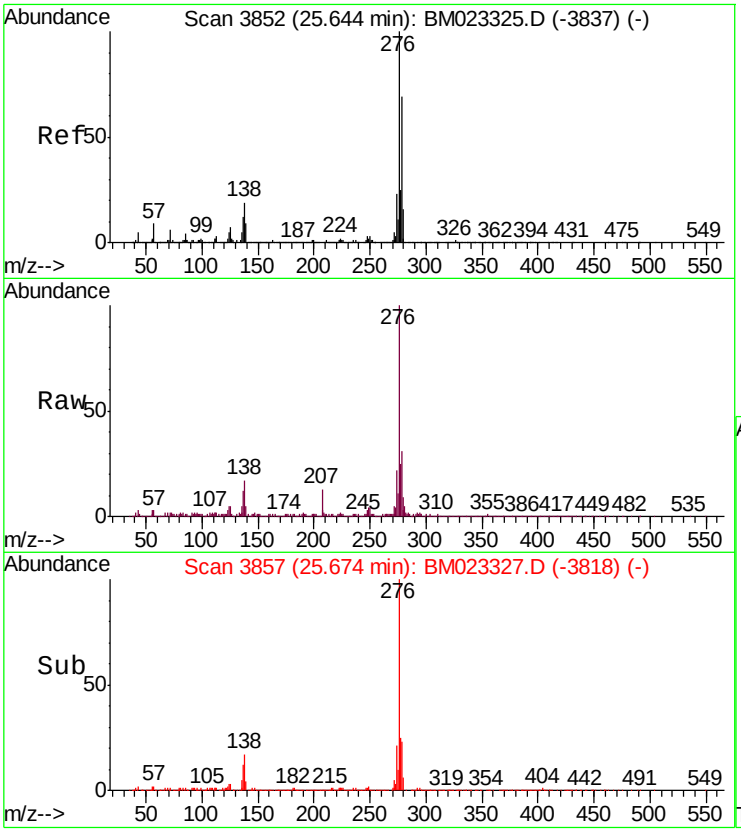


#91
Benzo(a)pyrene
Concen: 44.157 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.02 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:252 Resp: 8838418

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	8.9	7.1	10.7



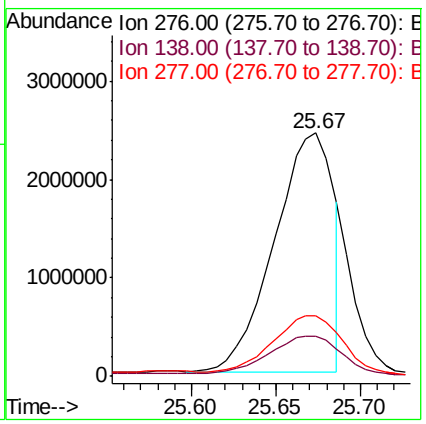


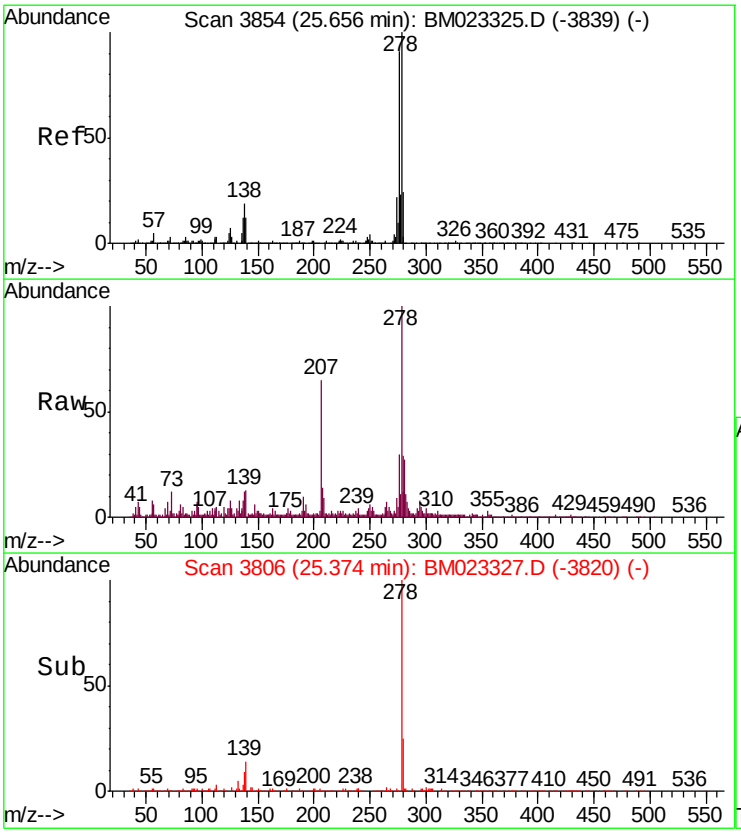
#92
Indeno(1,2,3-cd)pyrene
Concen: 24.595 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.03 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Instrument :
BNA_M
ClientSampleId :
BFB85

Tgt Ion:276 Resp: 5856477

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.8	23.6
277	25.1	19.8	29.8





#93
Dibenzo(a,h)anthracene
Concen: 5.314 ng/ul
RT: 25.37 min Scan# 3806
Delta R.T. -0.28 min
Lab File: BM023327.D
Acq: 22 Oct 2019 20:08

Tgt Ion:278 Resp: 1057895

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.5	15.7
279	29.4	19.7	29.5