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

Quantitation Report (Not Reviewed)

Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

Quant Time: Oct 23 01:42:50 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	405545	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1594324	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	994896	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2074361	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2192725	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2714546	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	32037	3.48	ng/uL	0.00
5) Phenol-d5	6.82	99	646352	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	367849	18.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	527780	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	518101	18.26	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	256727	23.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	283873	27.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	548077	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	436621	13.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1660461	21.78	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1983249	22.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	228061	18.48	ng/ul	0.00
58) Fluorene-d10	15.29	176	1461782	22.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	164656	20.02	ng/ul	0.00
71) Anthracene-d10	17.14	188	2312012	23.11	ng/ul	0.00
79) Pyrene-d10	19.44	212	2559449	24.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3206957	23.31	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.85	94	65806	1.807	ng/ul	99
28) Naphthalene	10.47	128	167168	2.029	ng/ul	97
45) Dimethylphthalate	13.76	163	688719	9.025	ng/ul	100
48) Acenaphthylene	14.01	152	551928	6.037	ng/ul	99
50) Acenaphthene	14.36	153	92130	1.447	ng/ul	96
54) Dibenzofuran	14.69	168	92581	1.024	ng/ul	98
59) Fluorene	15.34	166	123057	1.659	ng/ul#	92
70) Phenanthrene	17.08	178	2912881	25.022	ng/ul	99
72) Anthracene	17.17	178	684210	5.688	ng/ul	100
75) Carbazole	17.44	167	172878	1.609	ng/ul	98
77) Fluoranthene	19.10	202	4905944	35.435	ng/ul	99
80) Pyrene	19.47	202	4832673	35.181	ng/ul	99
83) Benzo(a)anthracene	21.22	228	2817976	18.967	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.17	149	79759	1.050	ng/ul#	98
85) Chrysene	21.27	228	2778230	20.139	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	3638707	22.108	ng/ul	97
89) Benzo(k)fluoranthene	22.79	252	3638707	23.025	ng/ul	98
91) Benzo(a)pyrene	23.34	252	2916775	18.472	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.65	276	2090146	11.127	ng/ul	97
93) Dibenzo(a,h)anthracene	25.65	278	587990	3.744	ng/ul#	90
94) Benzo(g,h,i)perylene	26.33	276	2015431	13.031	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB84

Quant Time: Oct 23 01:42:50 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

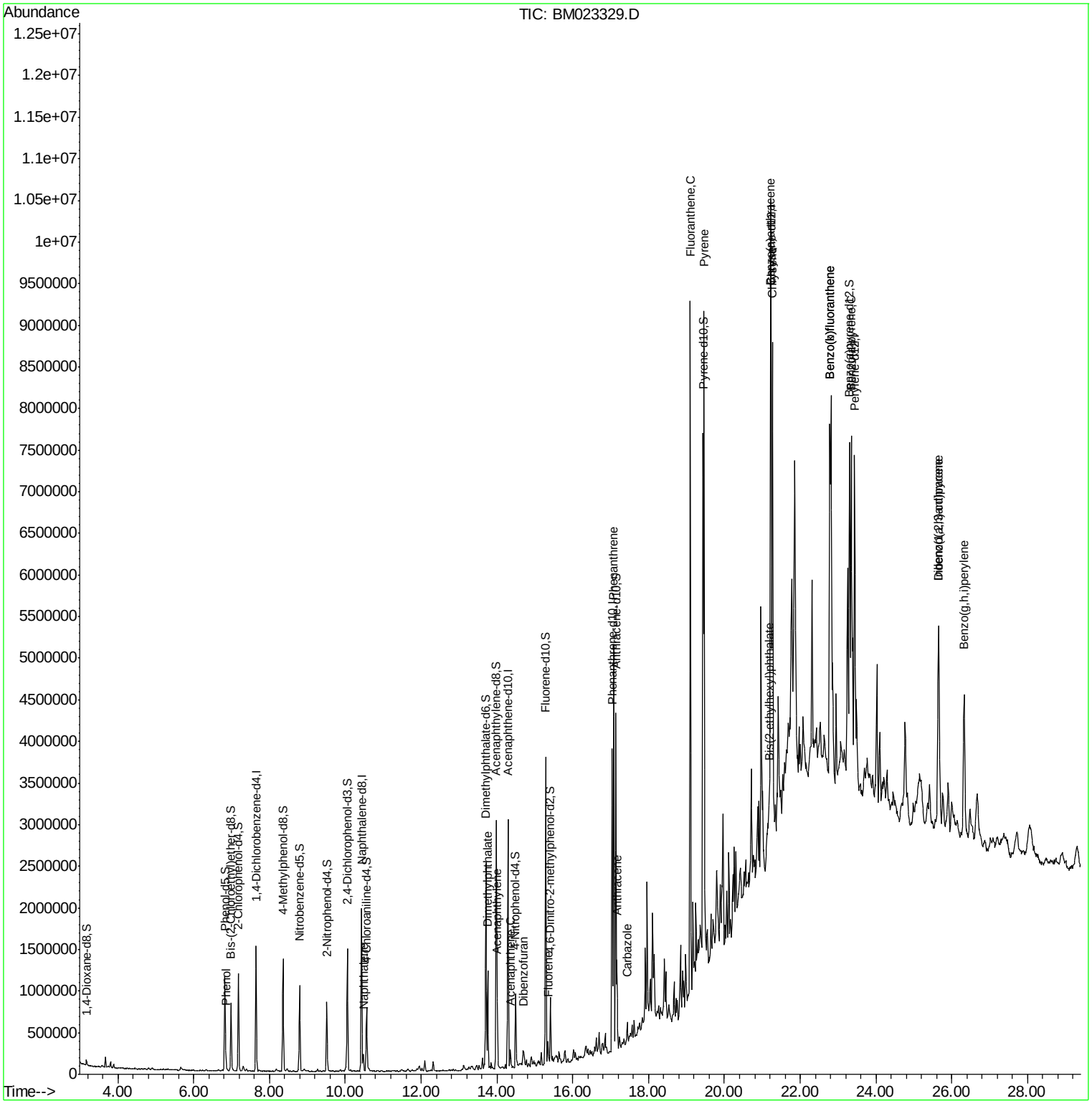
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

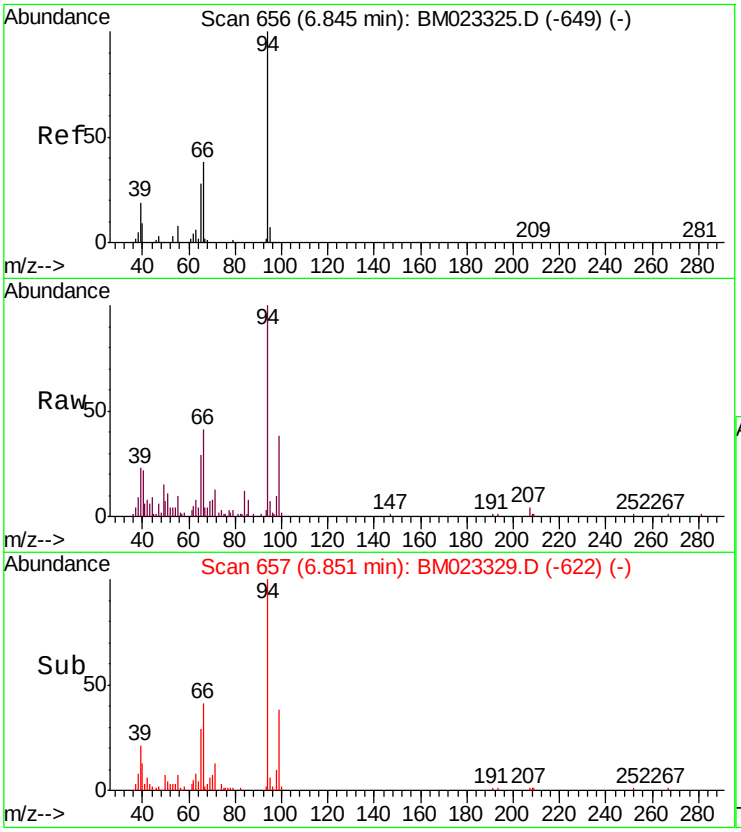
Quantitation Report (Not Reviewed)

Data File : BM023329.D
Acq On : 22 Oct 2019 21:20
Operator : JU
Sample : K5354-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB84

Quant Time: Oct 23 01:42:50 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



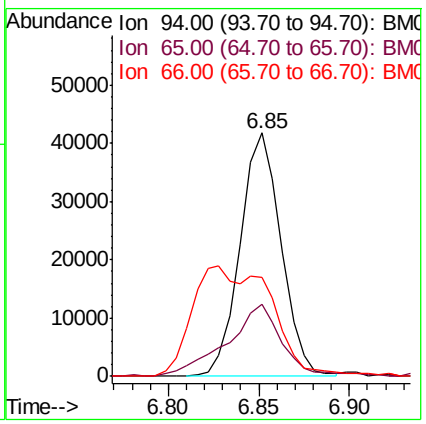


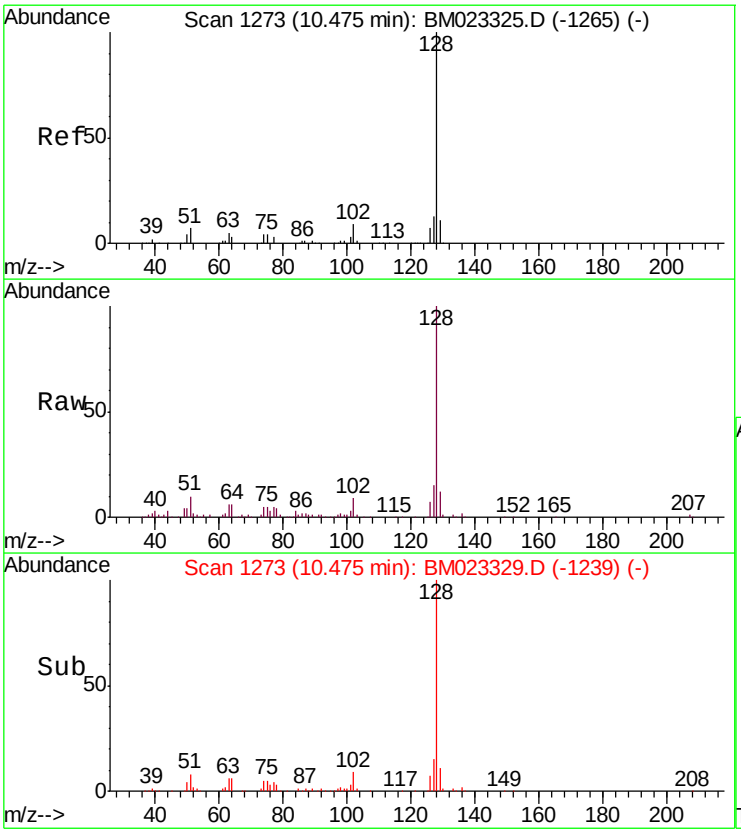
#6
Phenol
Concen: 1.807 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion: 94 Resp: 65806

Ion	Ratio	Lower	Upper
94	100		
65	29.5	23.2	34.8
66	40.6	32.9	49.3

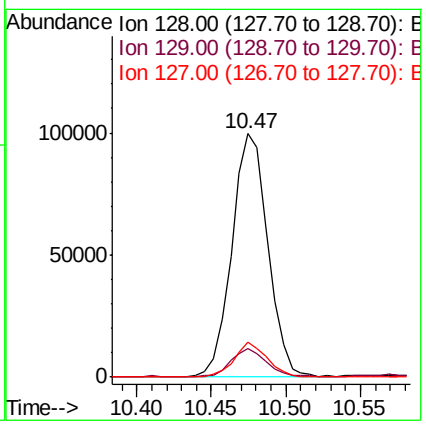


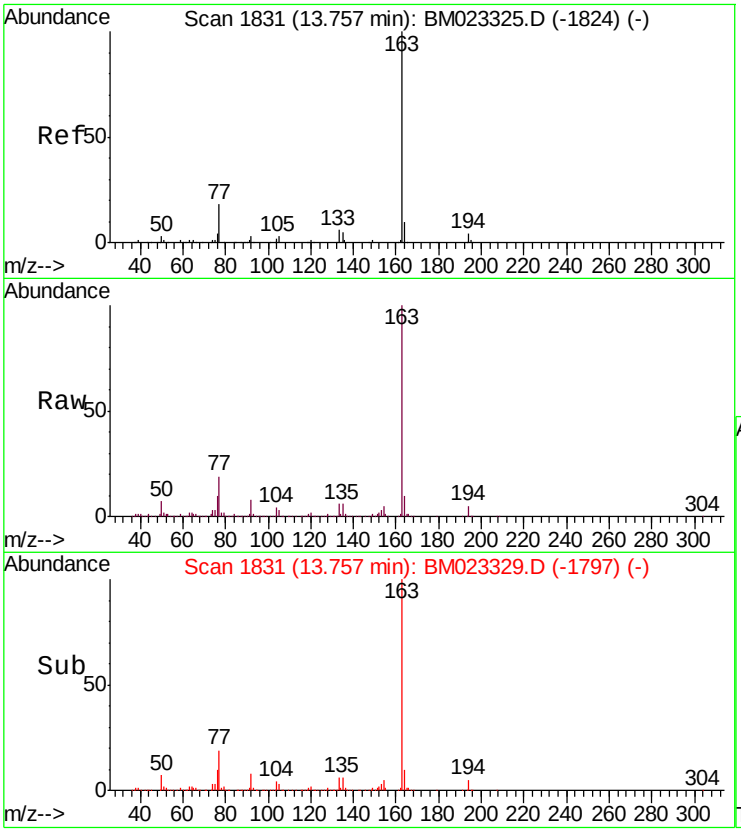


#28
Naphthalene
Concen: 2.029 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:128 Resp: 167168

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	14.6	10.2	15.4



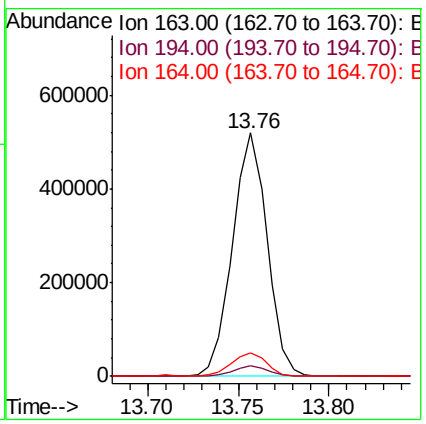


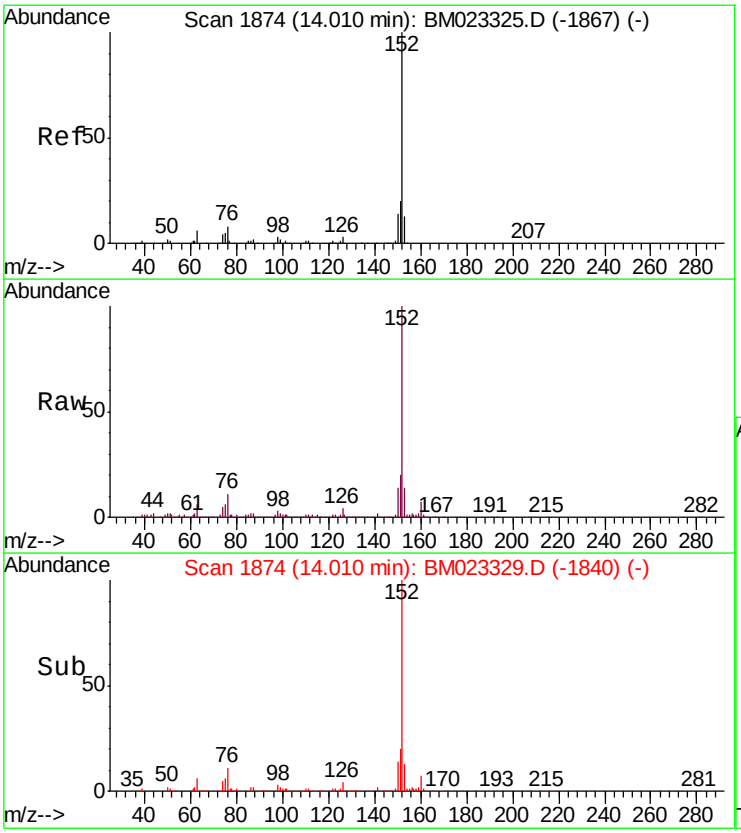
#45
Dimethylphthalate
Concen: 9.025 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:163 Resp: 688719

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.7	7.8	11.6

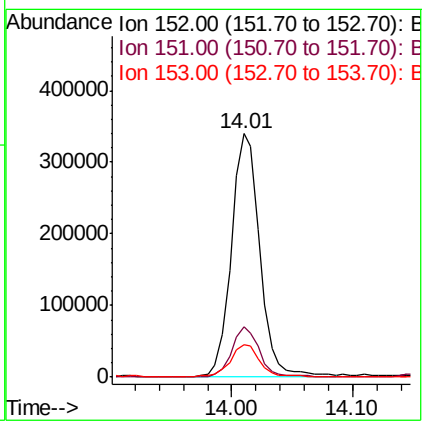


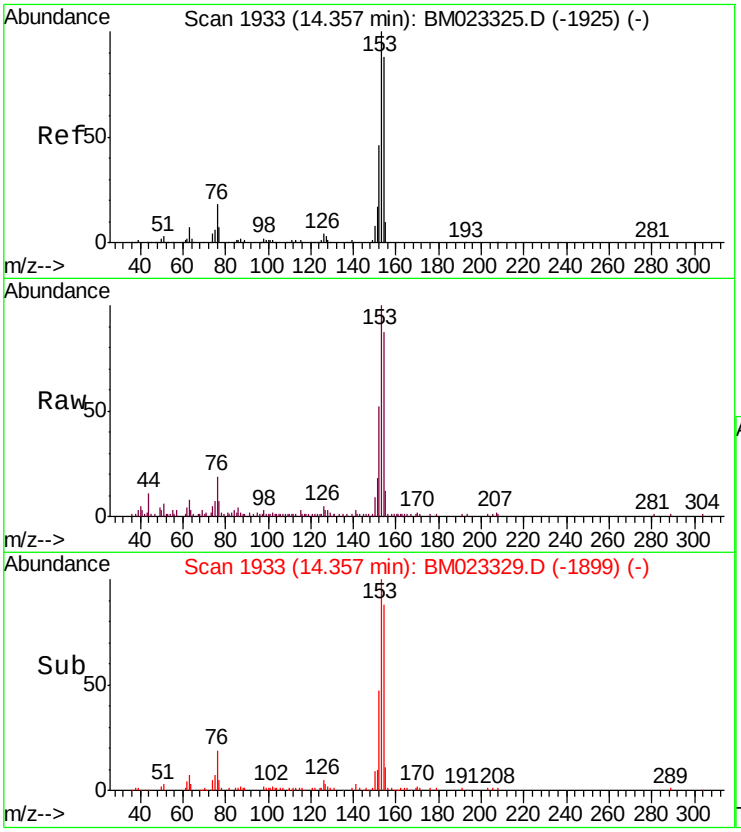


#48
Acenaphthylene
Concen: 6.037 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:152 Resp: 551928

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.5	10.3	15.5



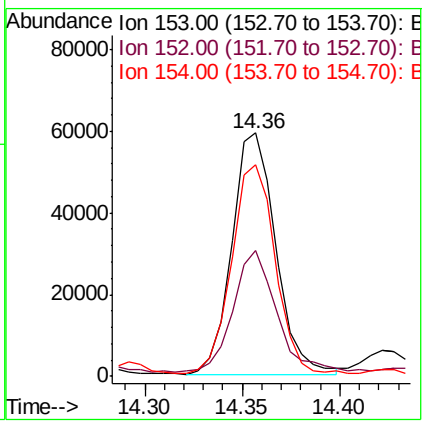


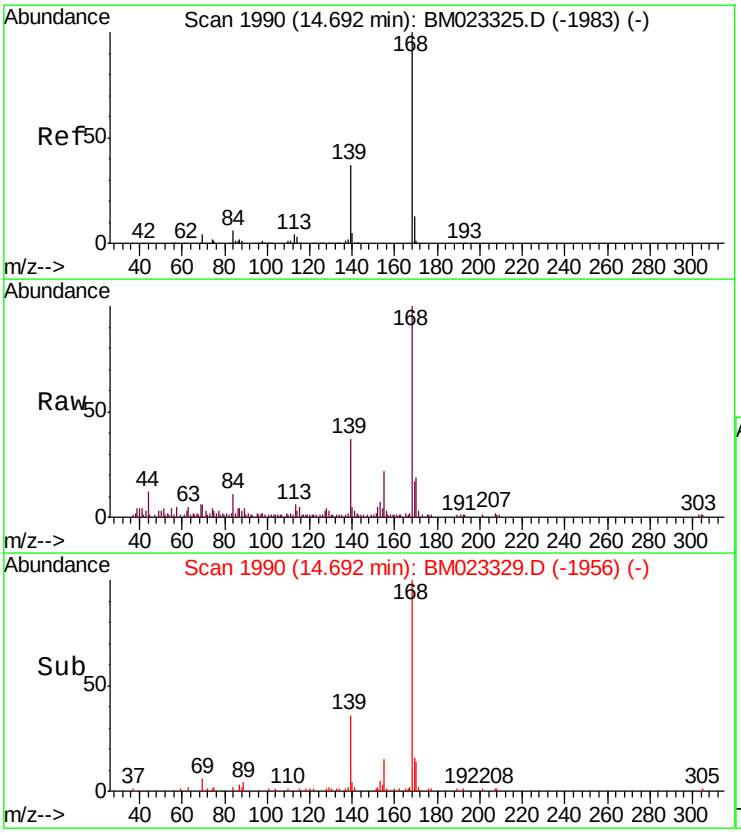
#50
Acenaphthene
Concen: 1.447 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:153 Resp: 92130

Ion	Ratio	Lower	Upper
153	100		
152	51.6	37.4	56.0
154	87.0	70.7	106.1

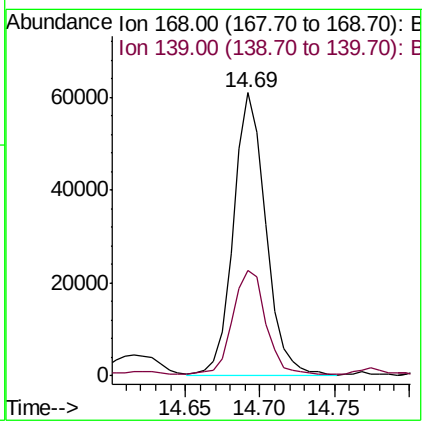


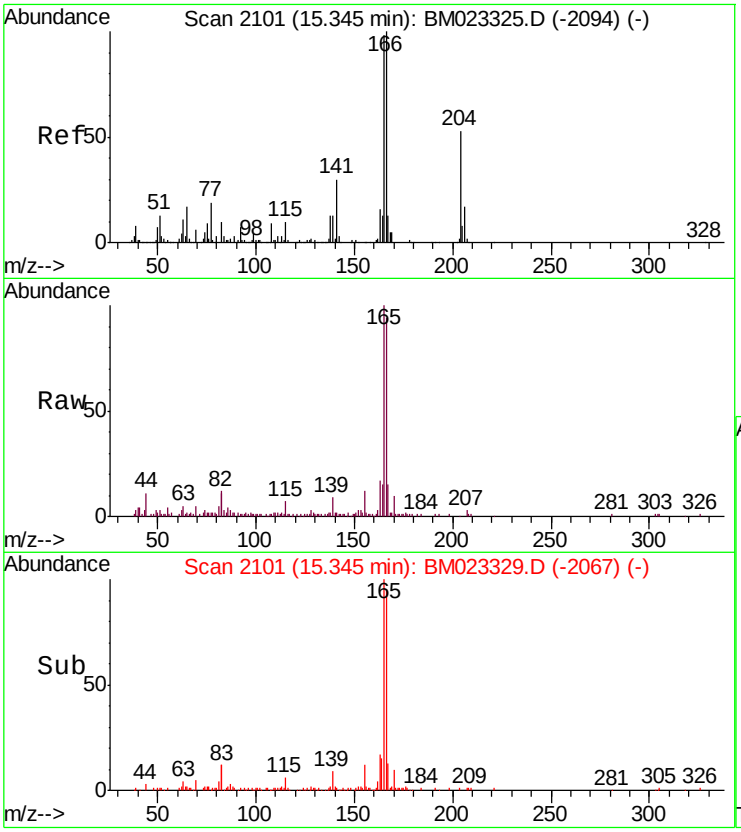


#54
Dibenzofuran
Concen: 1.024 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:168 Resp: 92581

Ion	Ratio	Lower	Upper
168	100		
139	37.3	31.0	46.4



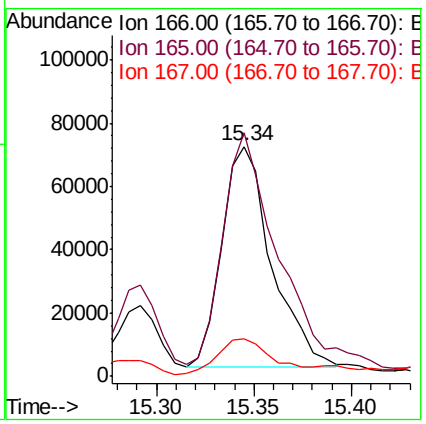


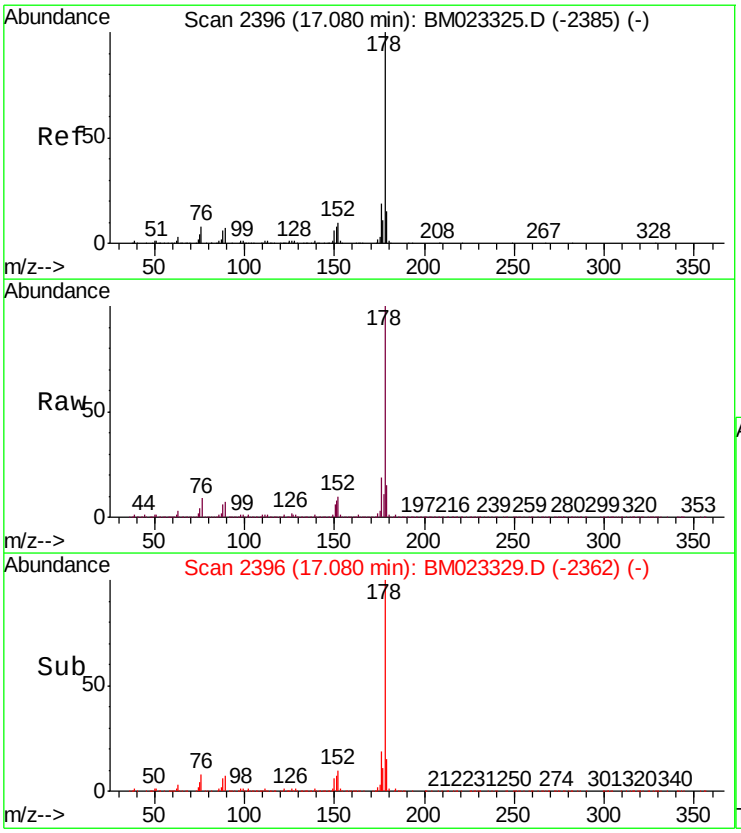
#59
Fluorene
Concen: 1.659 ng/ul
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:166 Resp: 123057

Ion	Ratio	Lower	Upper
166	100		
165	105.9	78.3	117.5
167	16.4	10.7	16.1#

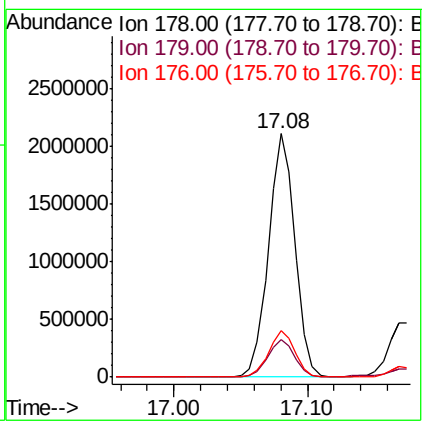


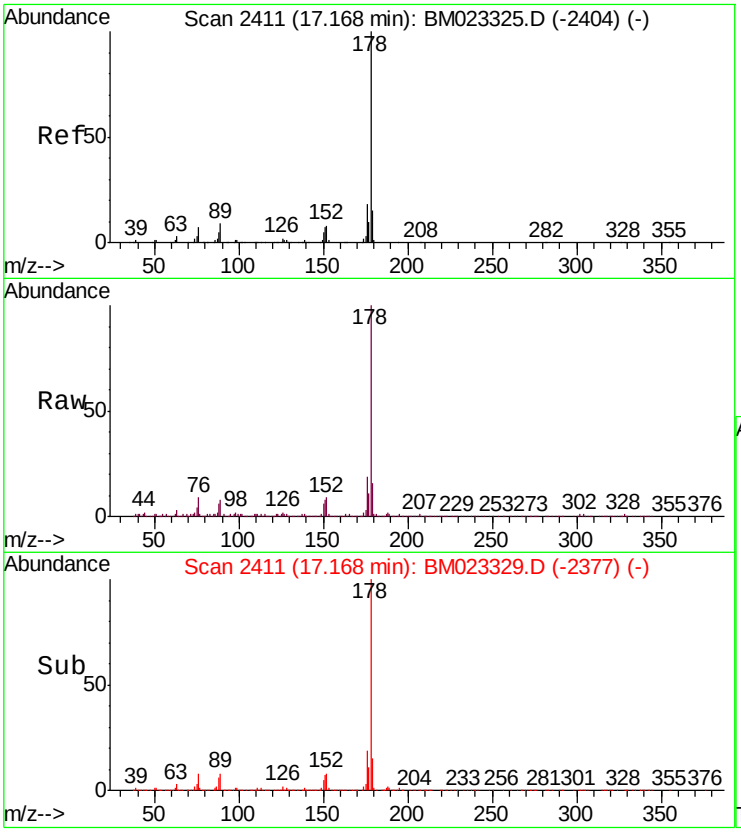


#70
Phenanthrene
Concen: 25.022 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:178 Resp: 2912881

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	19.1	15.0	22.4



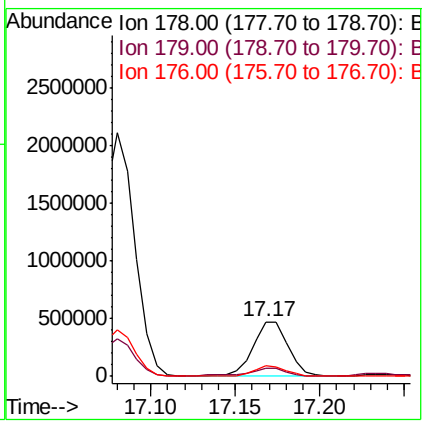


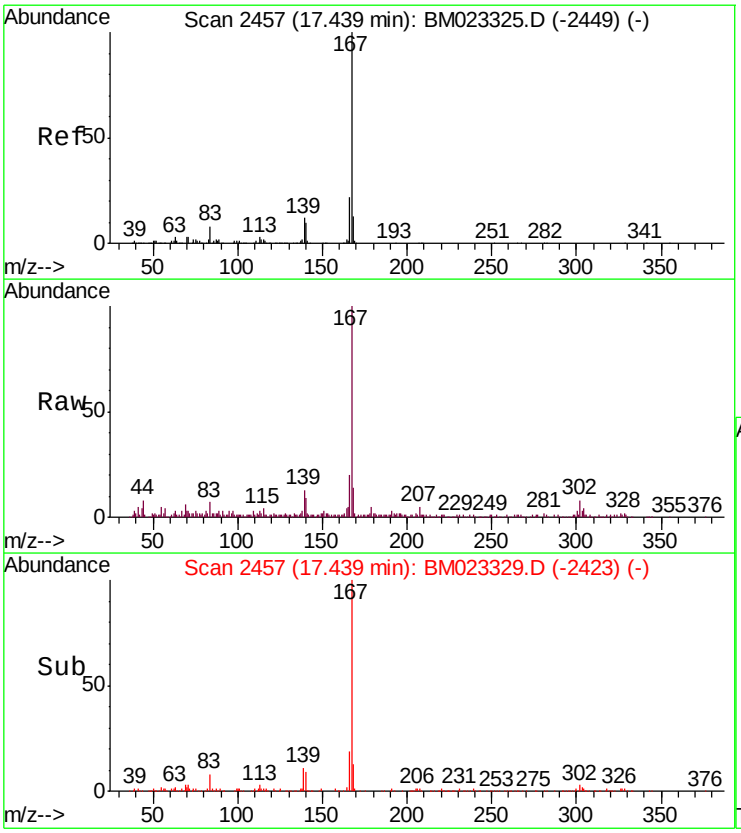
#72
Anthracene
Concen: 5.688 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:178 Resp: 684210

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.7	14.8	22.2

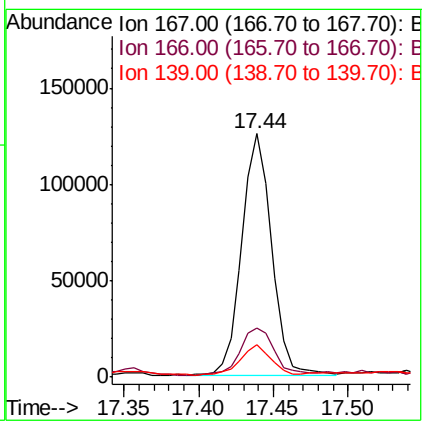


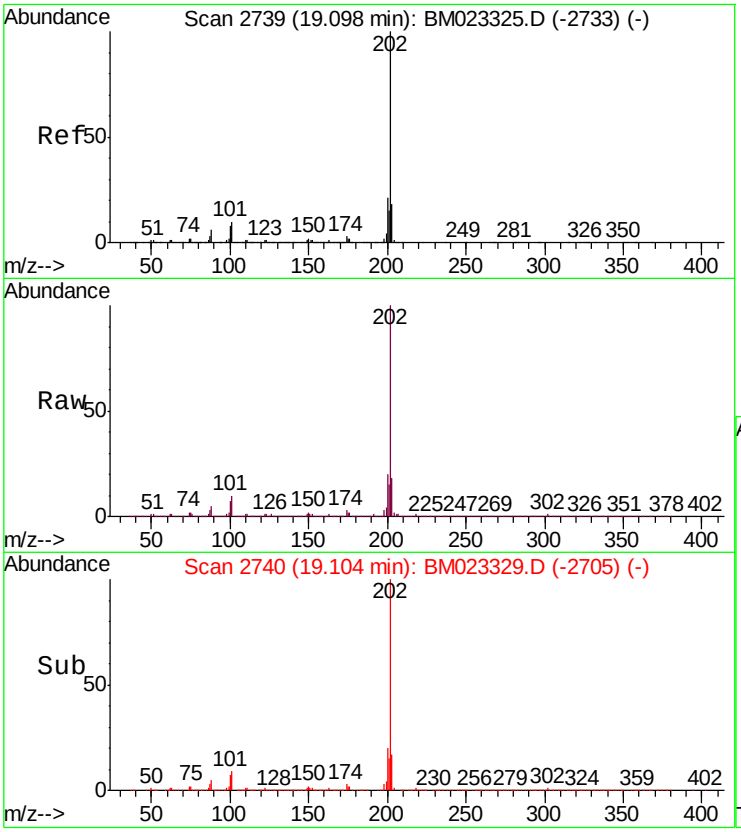


#75
Carbazole
Concen: 1.609 ng/ul
RT: 17.44 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:167 Resp: 172878

Ion	Ratio	Lower	Upper
167	100		
166	20.1	17.0	25.6
139	13.2	10.5	15.7



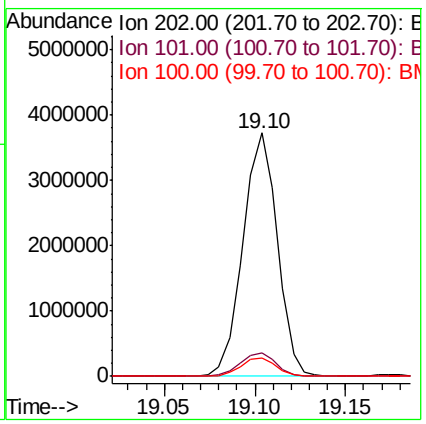


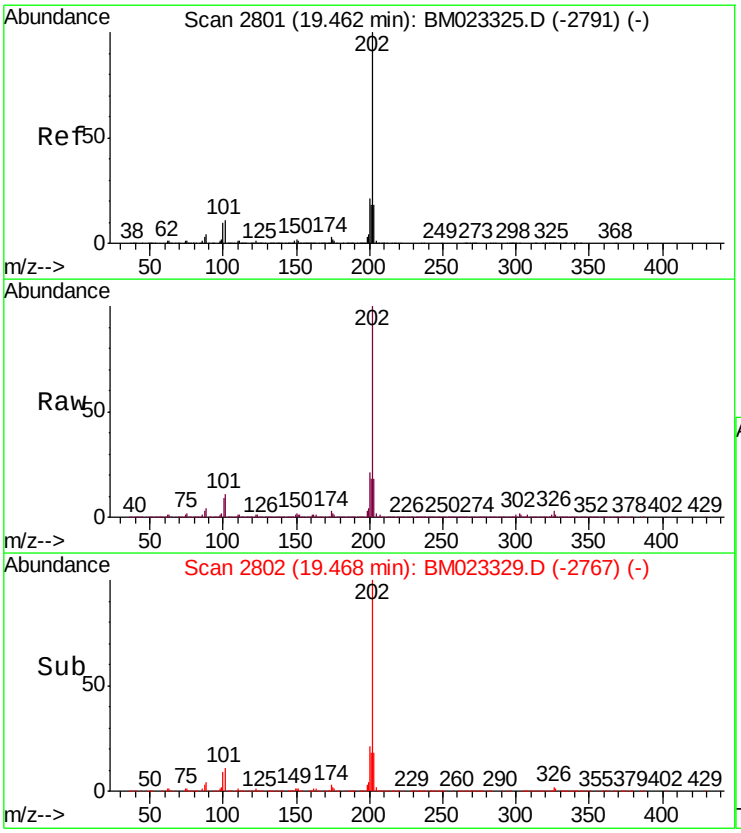
#77
Fluoranthene
Concen: 35.435 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:202 Resp: 4905944

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.4
100	7.4	6.1	9.1

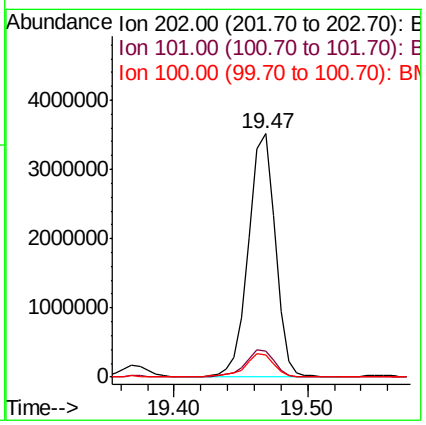


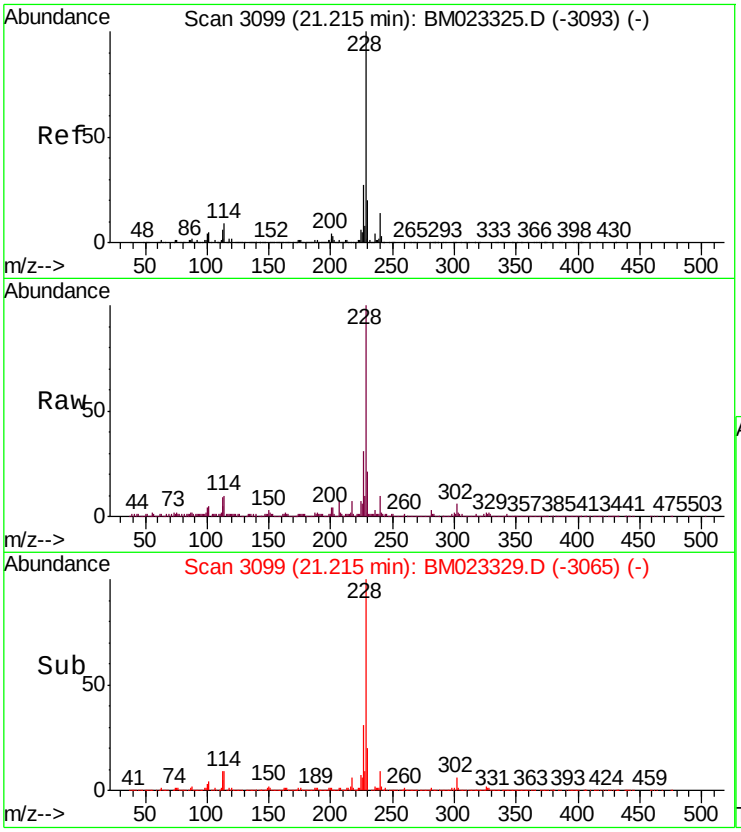


#80
Pyrene
Concen: 35.181 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:202 Resp: 4832673

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.0	13.6
100	9.0	7.5	11.3



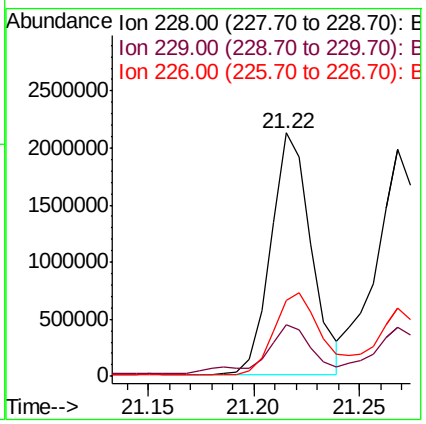


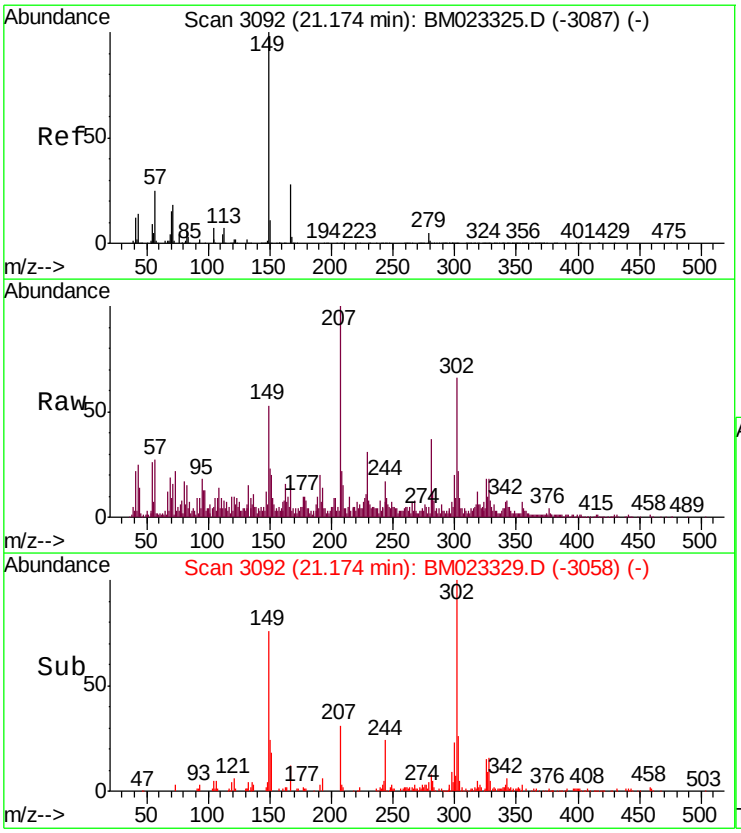
#83
Benzo(a)anthracene
Concen: 18.967 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:228 Resp: 2817976

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	31.3	21.5	32.3

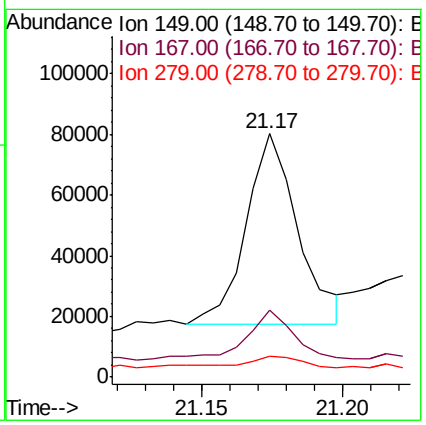


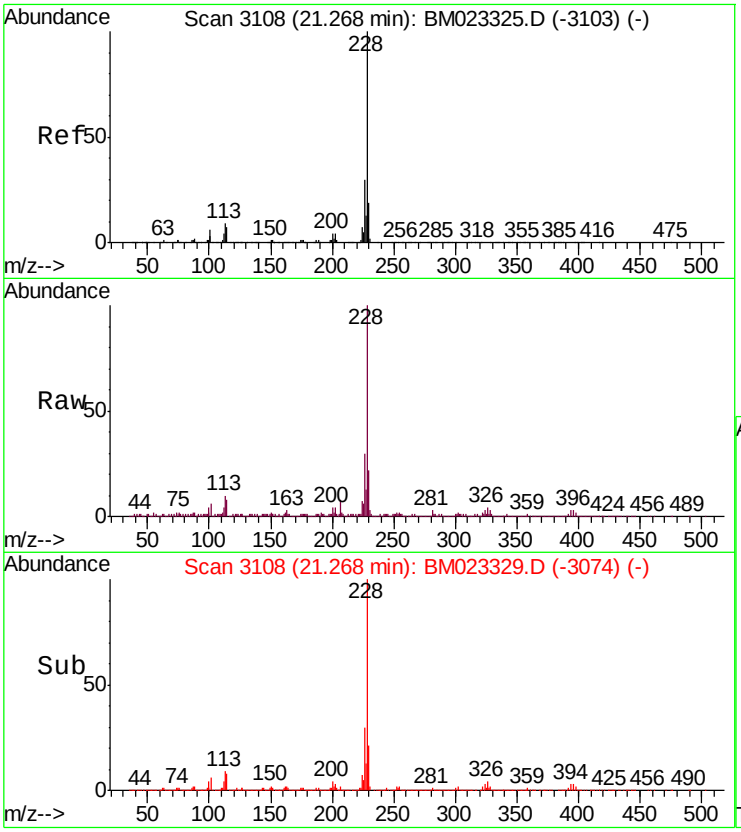


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.050 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:149 Resp: 79759

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	8.5	4.3	6.5#



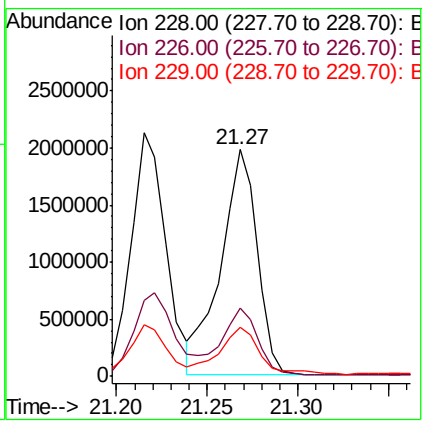


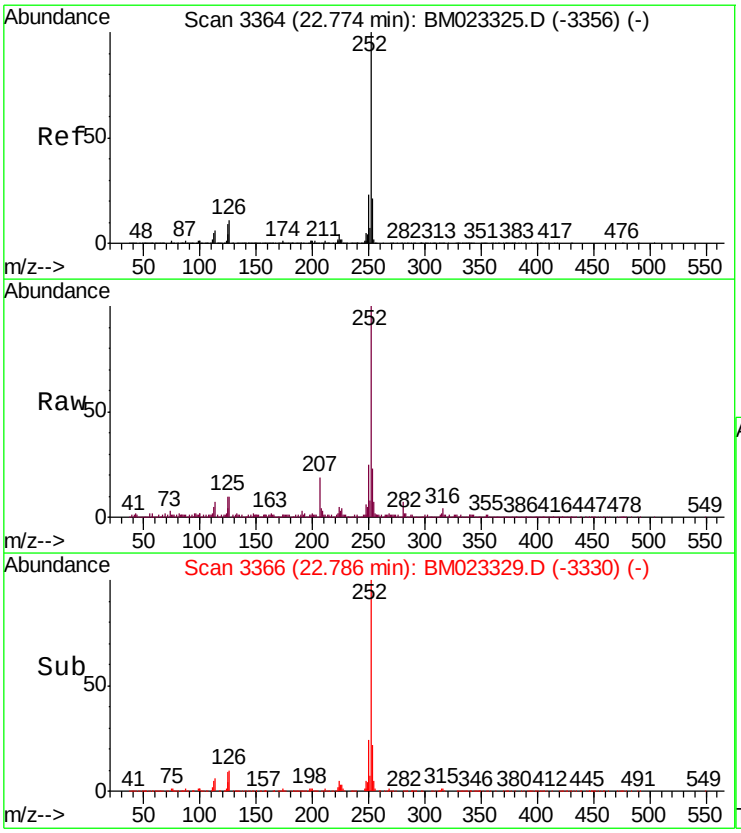
#85
Chrysene
Concen: 20.139 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:228 Resp: 2778230

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.8	15.5	23.3

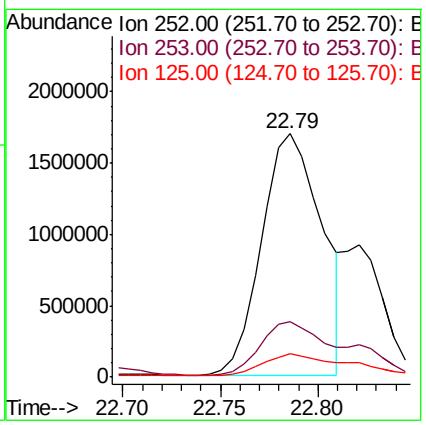


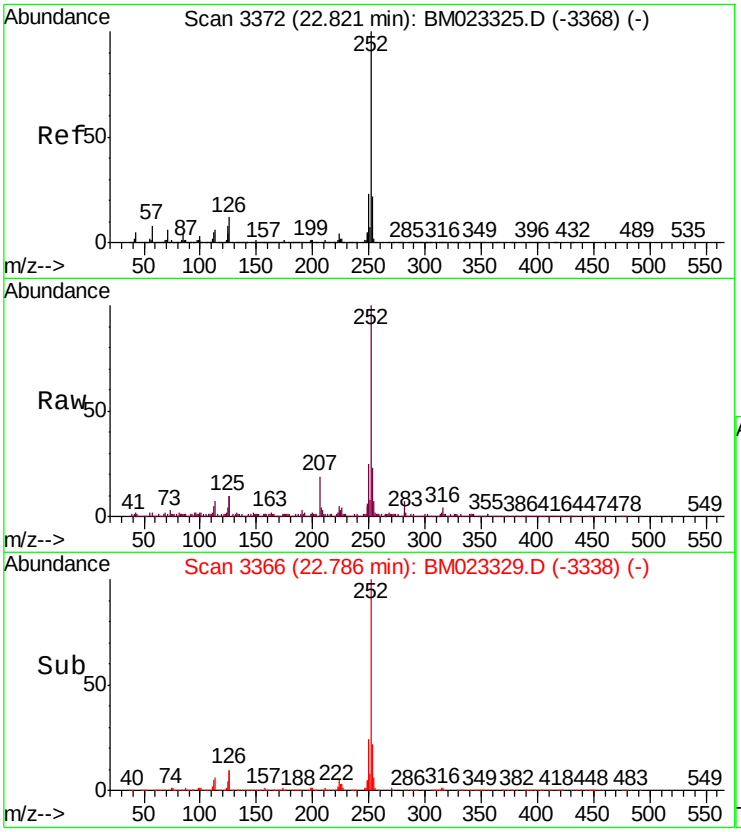


#88
Benzo(b)fluoranthene
Concen: 22.108 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:252 Resp: 3638707

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	9.5	7.0	10.4



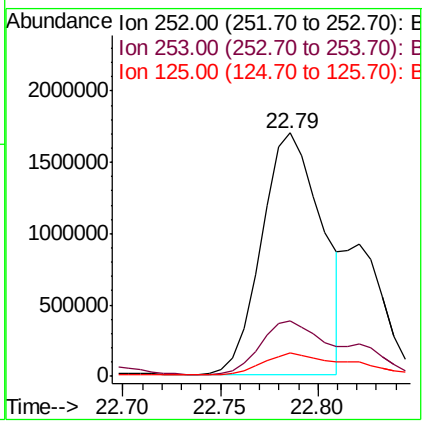


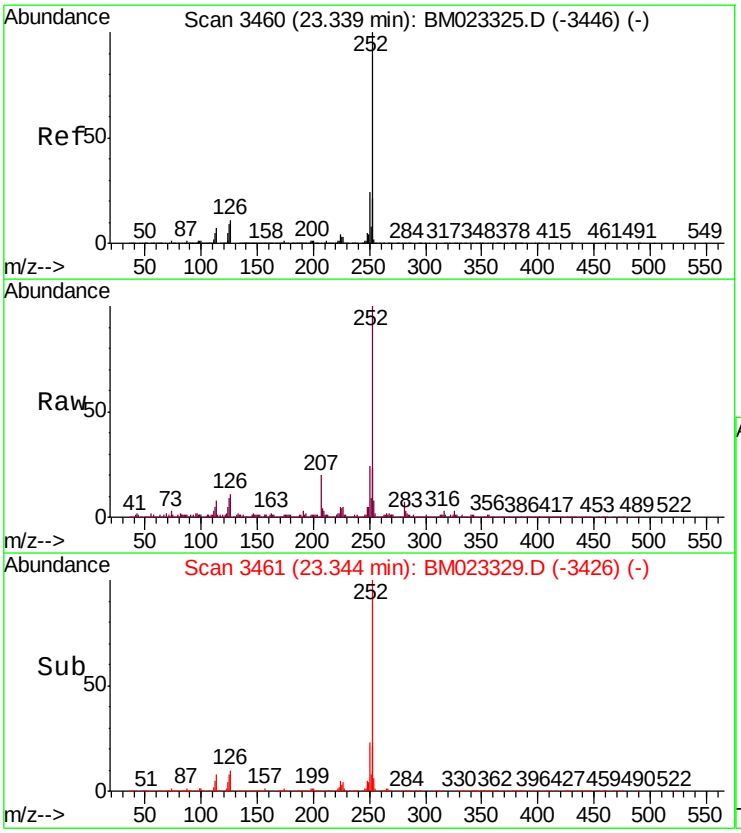
#89
Benzo(k)fluoranthene
Concen: 23.025 ng/ul
RT: 22.79 min Scan# 3366
Delta R.T. -0.04 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:252 Resp: 3638707

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.5	6.6	9.8

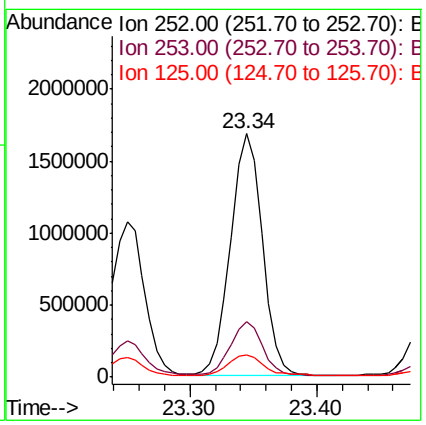


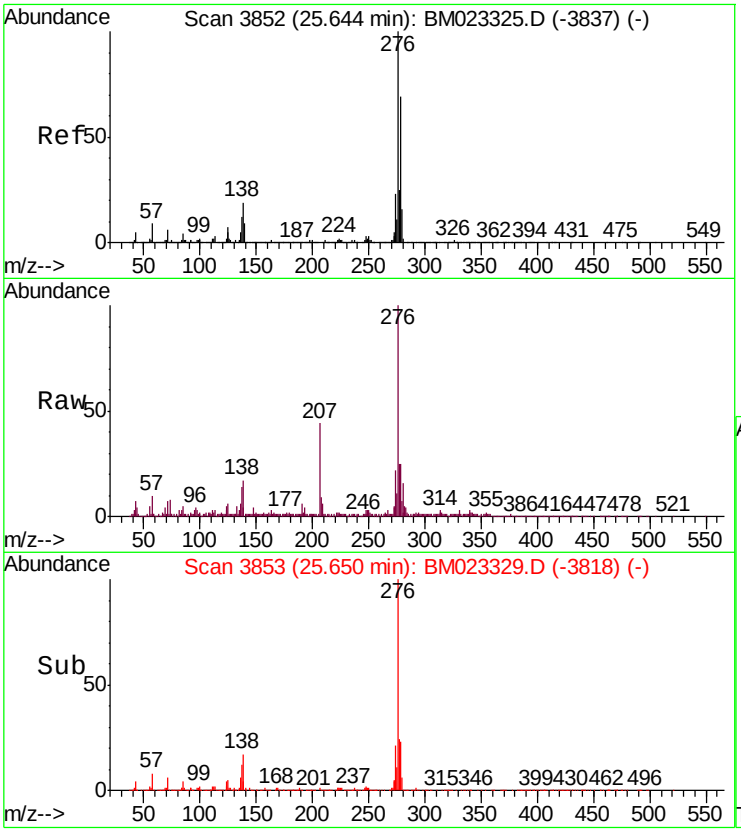


#91
Benzo(a)pyrene
Concen: 18.472 ng/ul
RT: 23.34 min Scan# 3461
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:252 Resp: 2916775

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.9	7.1	10.7



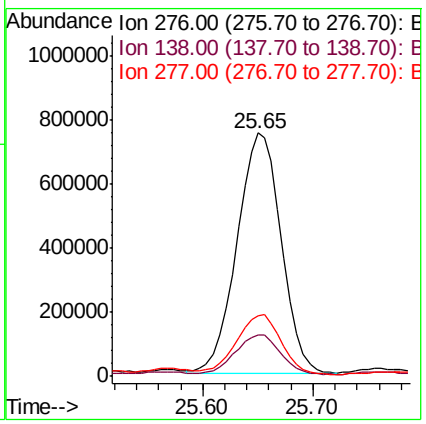


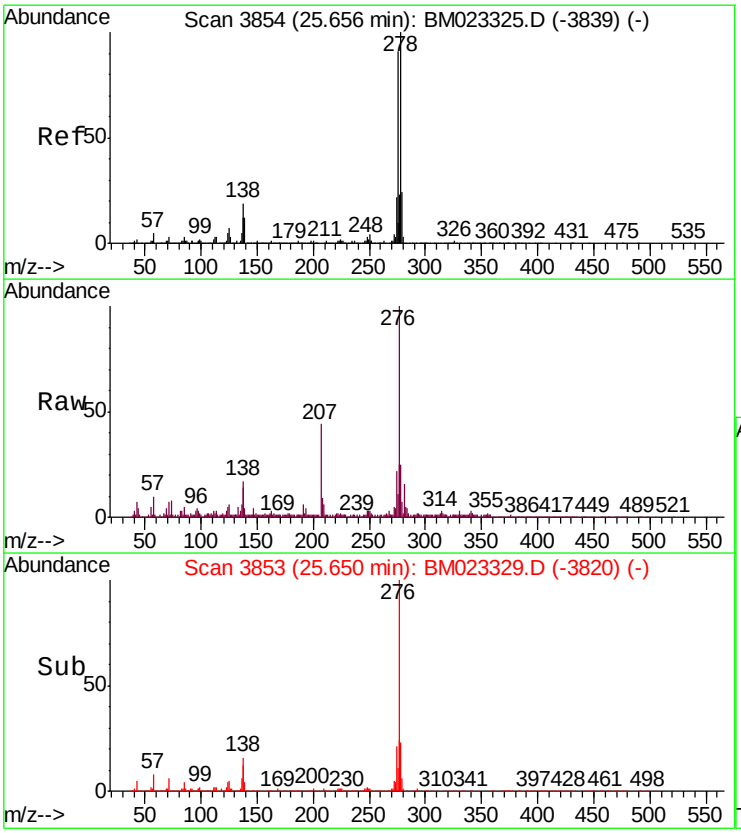
#92
Indeno(1,2,3-cd)pyrene
Concen: 11.127 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:276 Resp: 2090146

Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.8	23.6
277	24.7	19.8	29.8

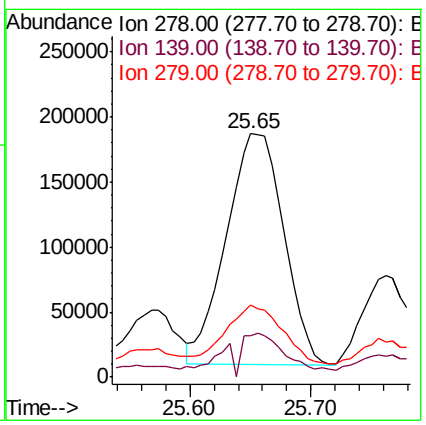


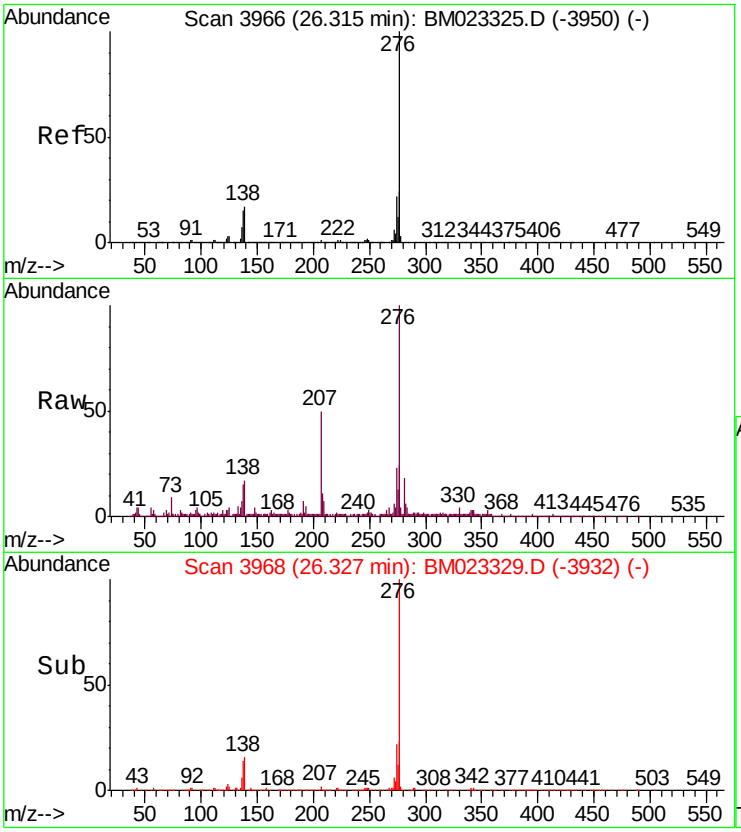


#93
Dibenzo(a,h)anthracene
Concen: 3.744 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Tgt Ion:278 Resp: 587990

Ion	Ratio	Lower	Upper
278	100		
139	17.2	10.5	15.7#
279	29.7	19.7	29.5#





#94
Benzo(g,h,i)perylene
Concen: 13.031 ng/ul
RT: 26.33 min Scan# 3968
Delta R.T. 0.01 min
Lab File: BM023329.D
Acq: 22 Oct 2019 21:20

Instrument :
BNA_M
ClientSampleId :
BFB84

Tgt Ion:276 Resp: 2015431

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.9	20.9
277	23.6	18.7	28.1