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

Quantitation Report (Not Reviewed)

Data File : BM023326.D
Acq On : 22 Oct 2019 19:32
Operator : JU
Sample : K5345-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOJ6DL

Quant Time: Oct 23 01:42:05 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	379688	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1503308	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	932822	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1979018	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2199632	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2655385	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	6754	0.78	ng/uL	0.00
5) Phenol-d5	6.82	99	120148	3.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	69511	3.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	94891	3.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	94037	3.54	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	44083	4.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	45300	4.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	95564	3.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	99561	3.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	321432	4.50	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	356890	4.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	30814	2.66	ng/ul	0.00
58) Fluorene-d10	15.29	176	286996	4.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	25558	3.26	ng/ul	0.00
71) Anthracene-d10	17.13	188	468204	4.91	ng/ul	0.00
79) Pyrene-d10	19.43	212	554327	5.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	664666	4.94	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.47	128	222039	2.858	ng/ul	99
45) Dimethylphthalate	13.76	163	76646	1.071	ng/ul	100
48) Acenaphthylene	14.01	152	396471	4.625	ng/ul	99
50) Acenaphthene	14.36	153	87317	1.463	ng/ul	96
70) Phenanthrene	17.07	178	483273	4.351	ng/ul	98
72) Anthracene	17.17	178	998297	8.698	ng/ul	100
75) Carbazole	17.43	167	148881	1.452	ng/ul	99
77) Fluoranthene	19.10	202	2360765	17.873	ng/ul	99
80) Pyrene	19.46	202	2419255	17.557	ng/ul	100
83) Benzo(a)anthracene	21.22	228	1996245	13.394	ng/ul	94
85) Chrysene	21.26	228	2938371	21.233	ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	5044009	31.330	ng/ul	98
89) Benzo(k)fluoranthene	22.78	252	5044009	32.628	ng/ul	98
91) Benzo(a)pyrene	23.34	252	2484785	16.087	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	2312396	12.584	ng/ul	97
93) Dibenzo(a,h)anthracene	25.64	278	591936	3.853	ng/ul#	87
94) Benzo(g,h,i)perylene	26.31	276	2136808	14.124	ng/ul	99

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

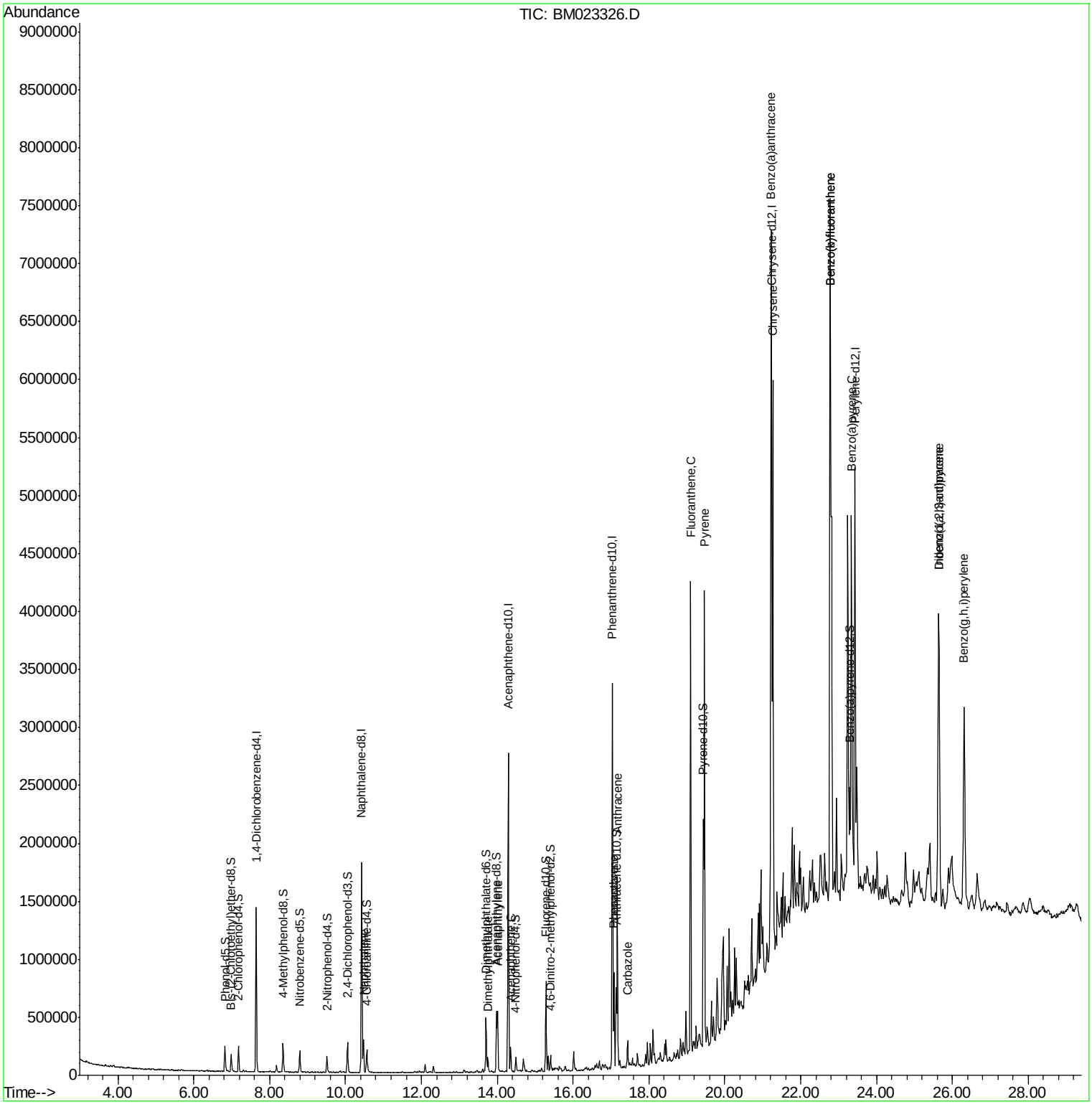
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

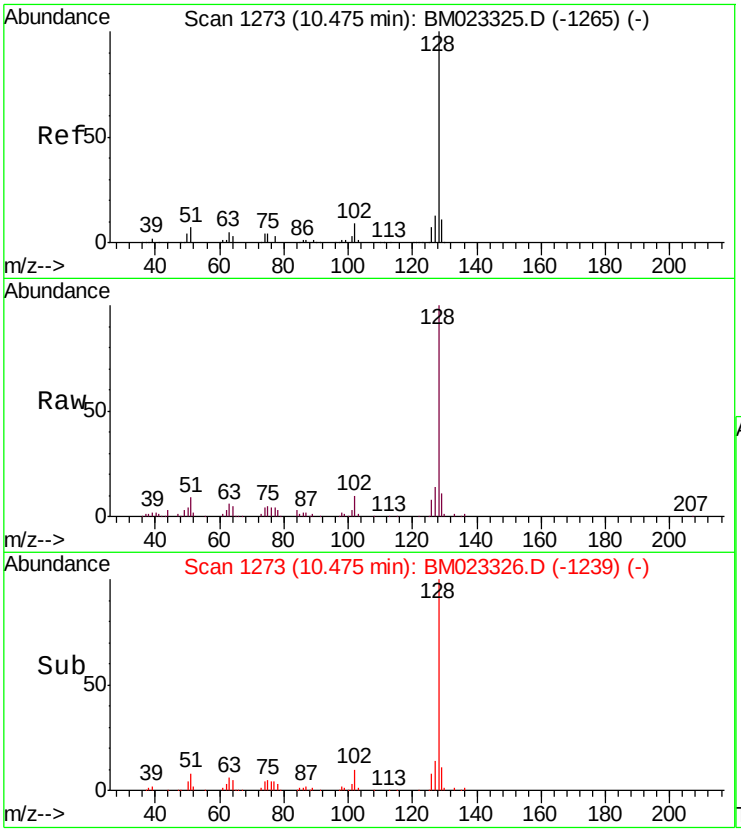
Quantitation Report (Not Reviewed)

Data File : BM023326.D
Acq On : 22 Oct 2019 19:32
Operator : JU
Sample : K5345-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Quant Time: Oct 23 01:42:05 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



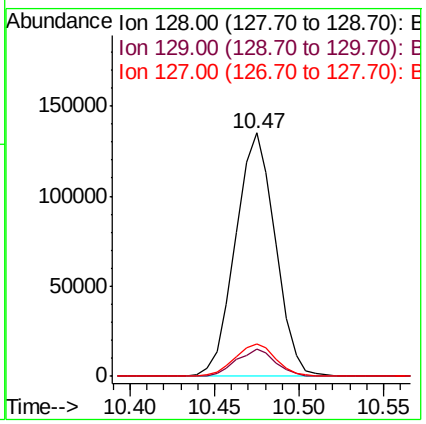


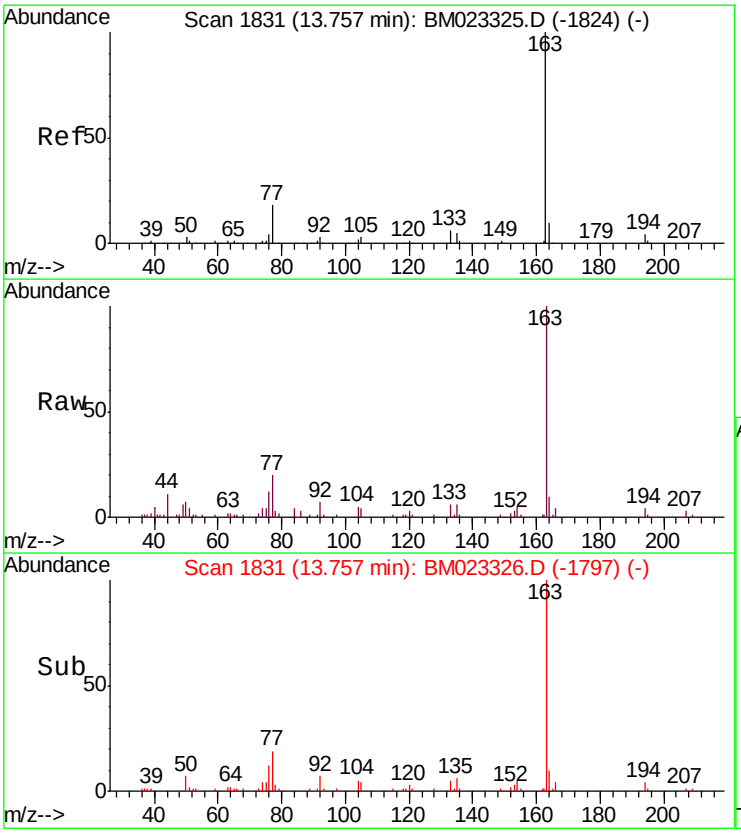
#28
Naphthalene
Concen: 2.858 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:128 Resp: 222039

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.2	15.4

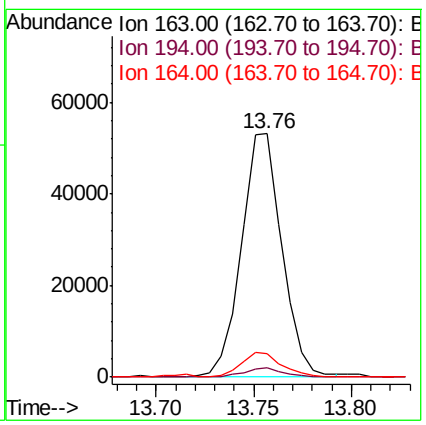


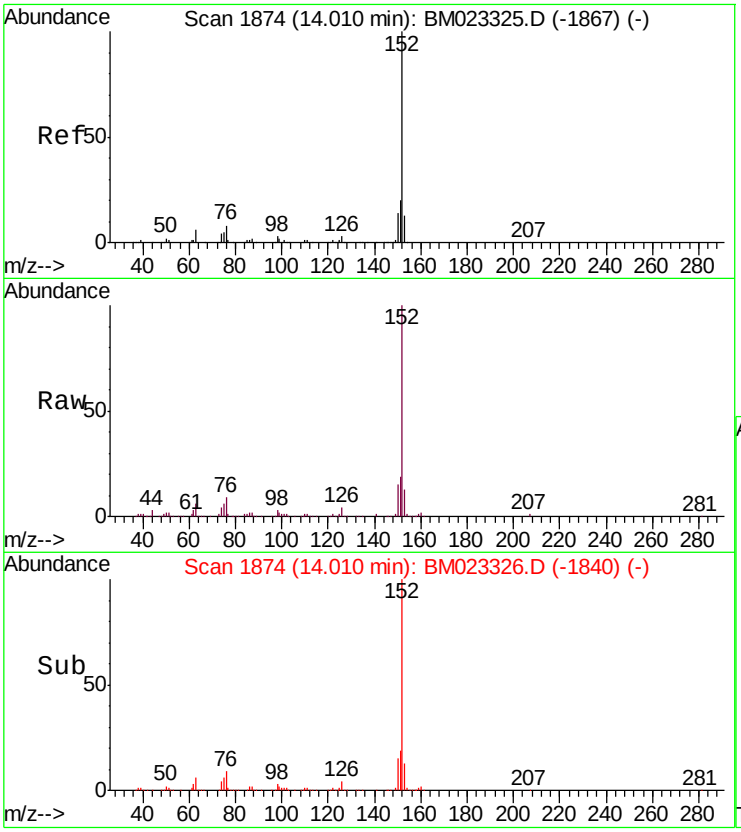


#45
Dimethylphthalate
Concen: 1.071 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:163 Resp: 76646

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.6	7.8	11.6



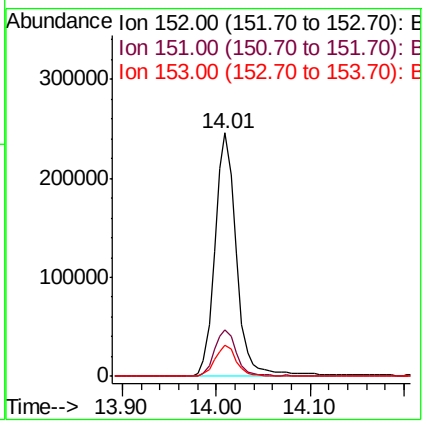


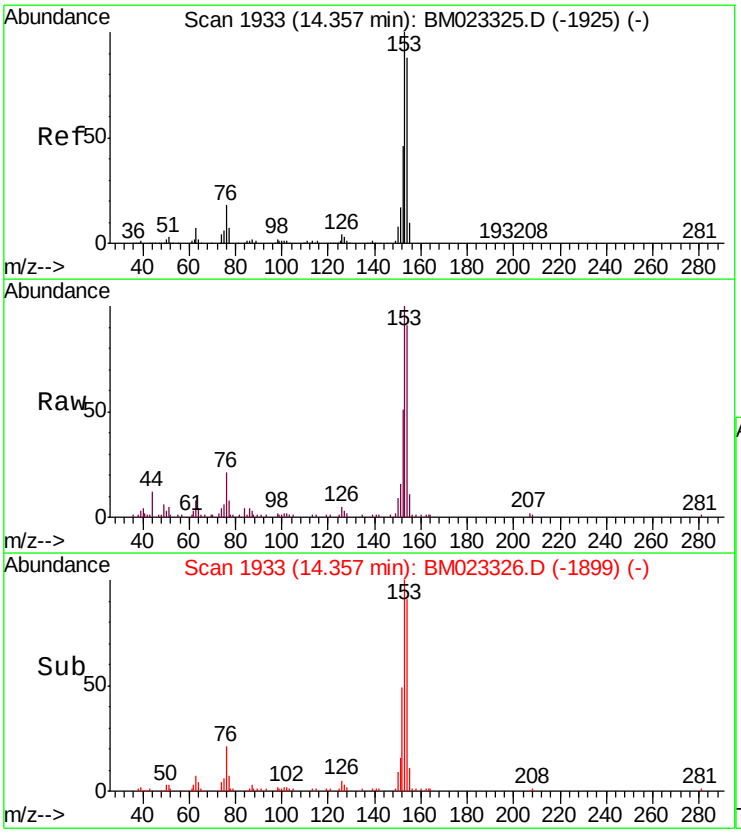
#48
Acenaphthylene
Concen: 4.625 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:152 Resp: 396471

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.9	23.9
153	12.8	10.3	15.5

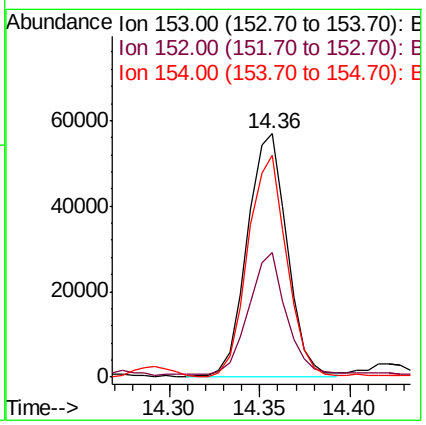


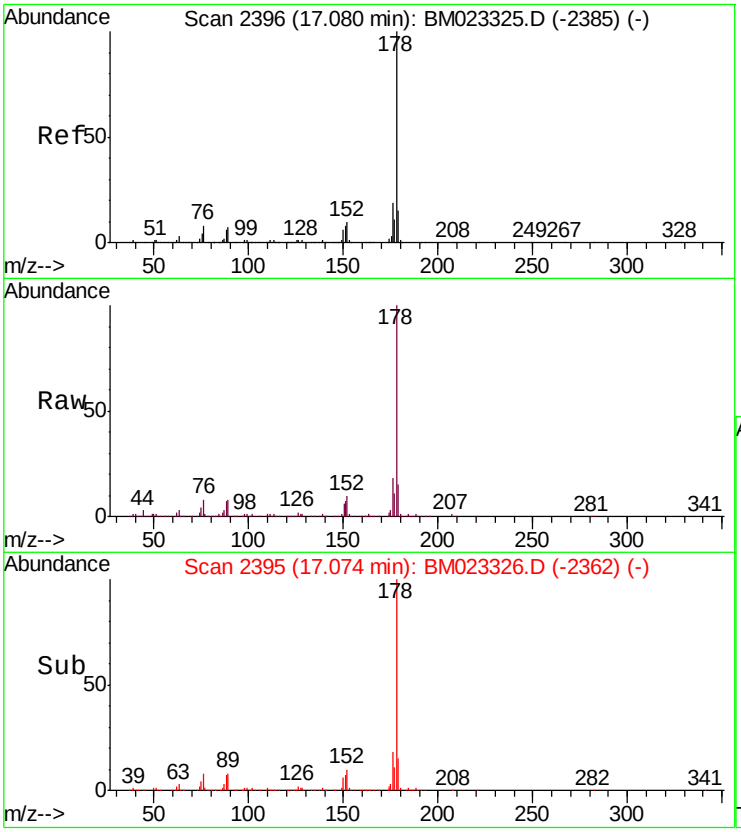


#50
Acenaphthene
Concen: 1.463 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:153 Resp: 87317

Ion	Ratio	Lower	Upper
153	100		
152	51.4	37.4	56.0
154	91.0	70.7	106.1



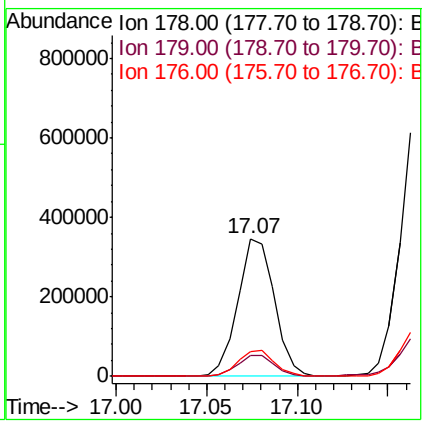


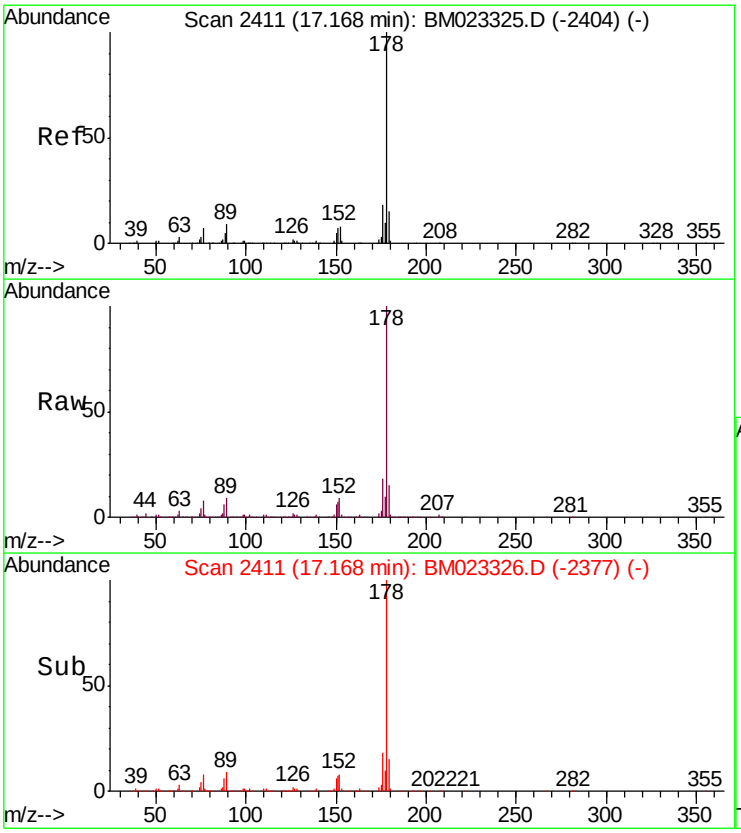
#70
Phenanthrene
Concen: 4.351 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:178 Resp: 483273

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	17.9	15.0	22.4

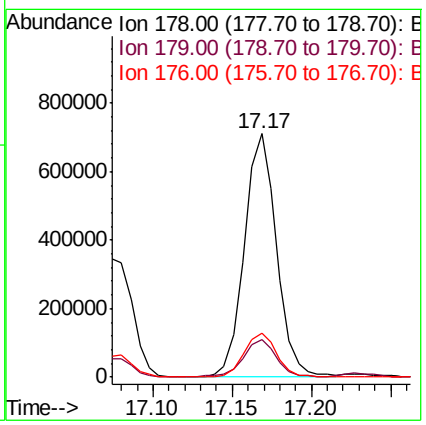


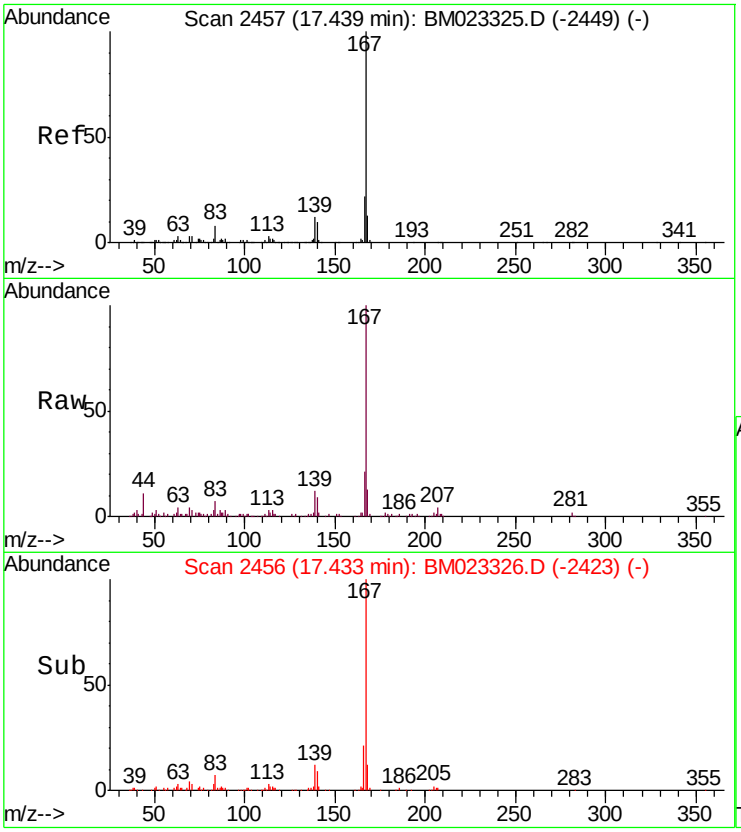


#72
Anthracene
Concen: 8.698 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:178 Resp: 998297

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.2	14.8	22.2



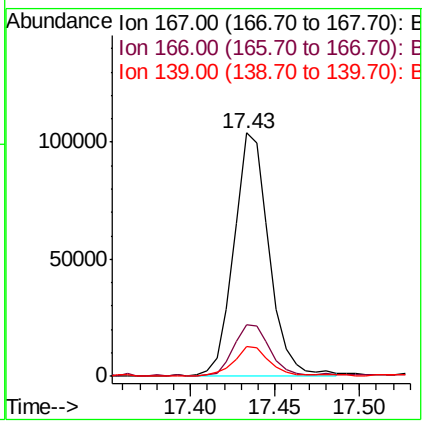


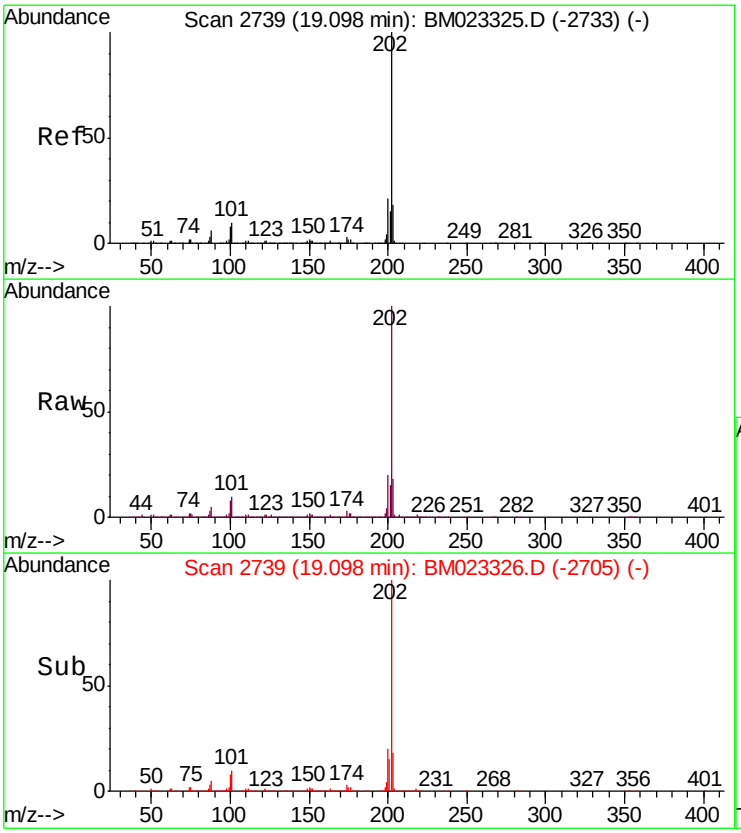
#75
Carbazole
Concen: 1.452 ng/ul
RT: 17.43 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:167 Resp: 148881

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.2	10.5	15.7

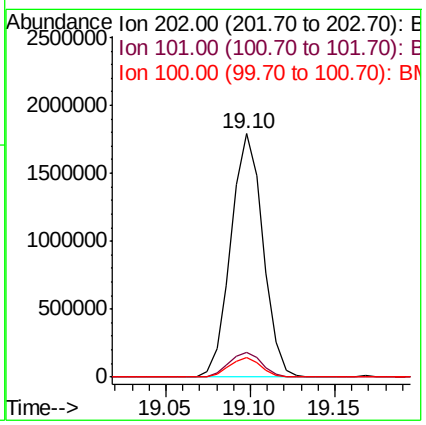


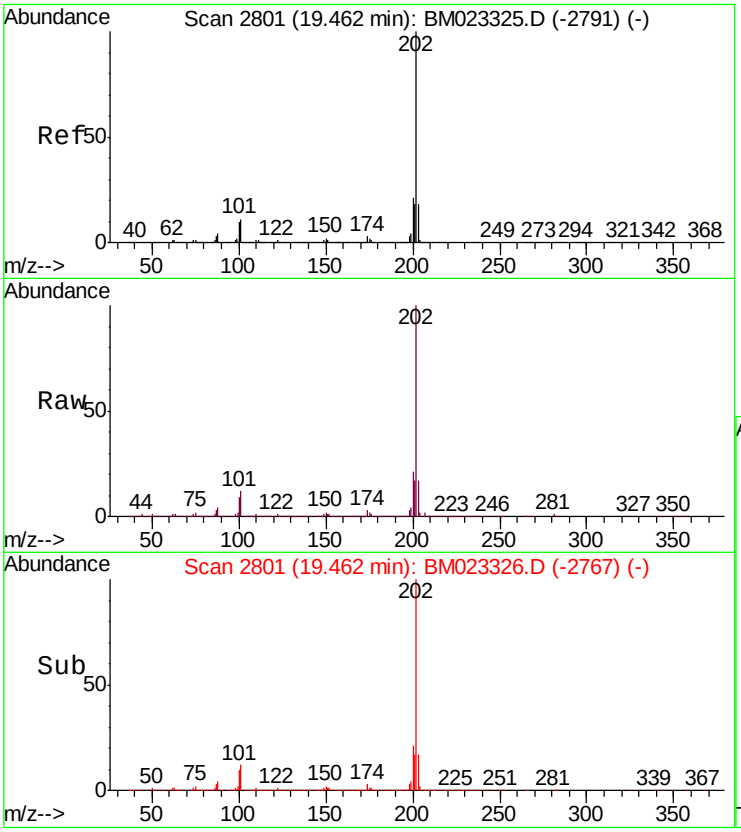


#77
Fluoranthene
Concen: 17.873 ng/ul
RT: 19.10 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:202 Resp: 2360765

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.4
100	8.2	6.1	9.1



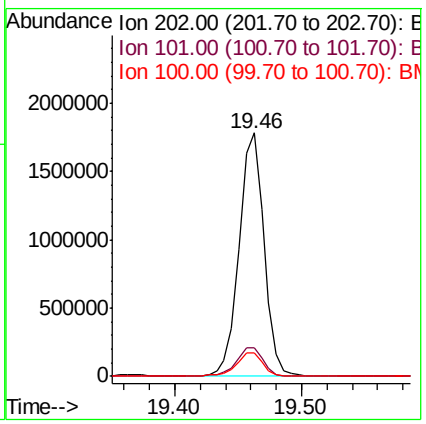


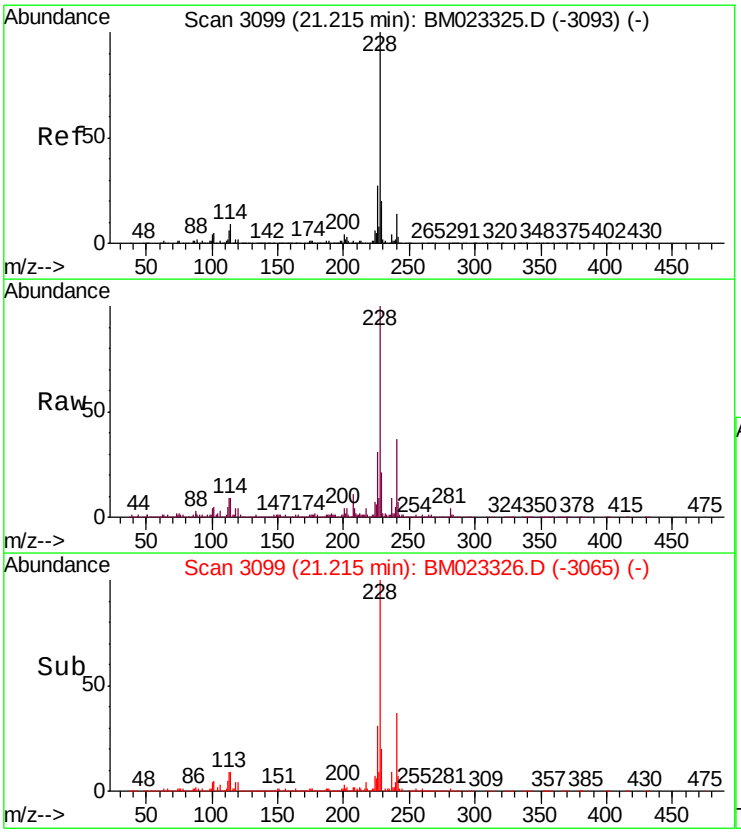
#80
Pyrene
Concen: 17.557 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:202 Resp: 2419255

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.0	13.6
100	9.5	7.5	11.3

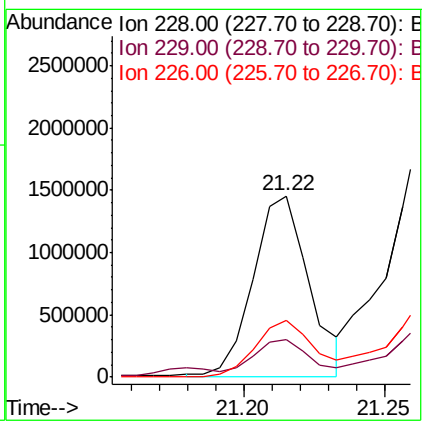


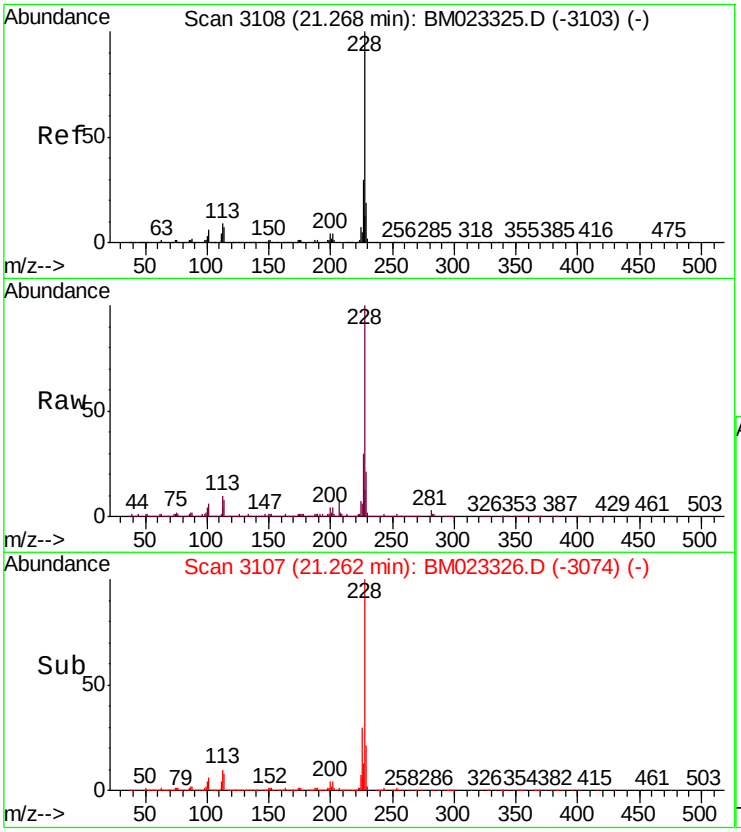


#83
Benzo(a)anthracene
Concen: 13.394 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:228 Resp: 1996245

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	31.2	21.5	32.3



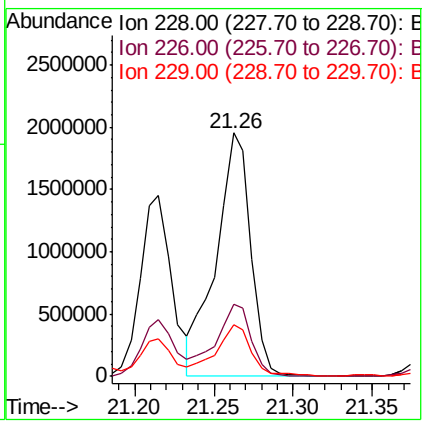


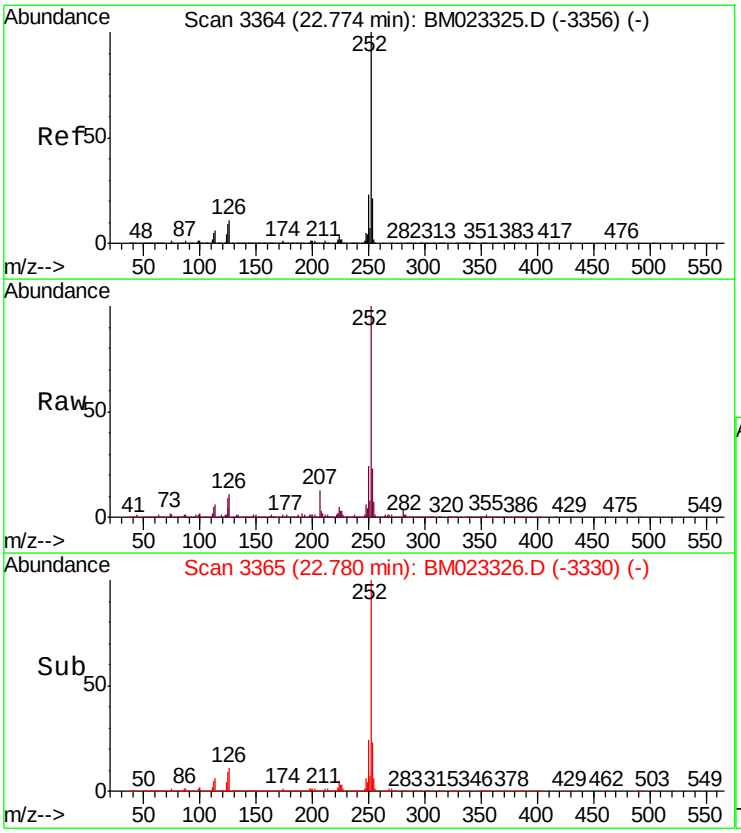
#85
Chrysene
Concen: 21.233 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:228 Resp: 2938371

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	21.1	15.5	23.3

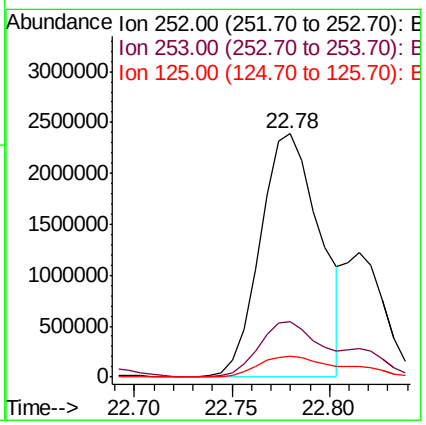


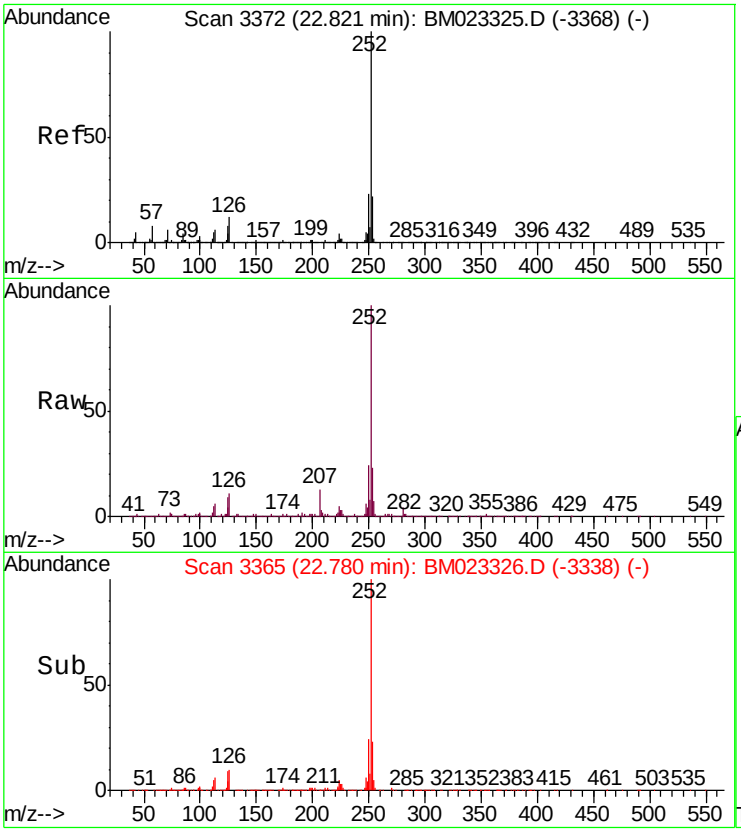


#88
Benzo(b)fluoranthene
Concen: 31.330 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:252 Resp: 5044009

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.3	25.9
125	8.8	7.0	10.4



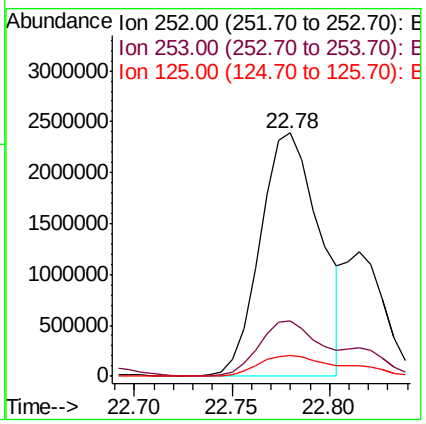


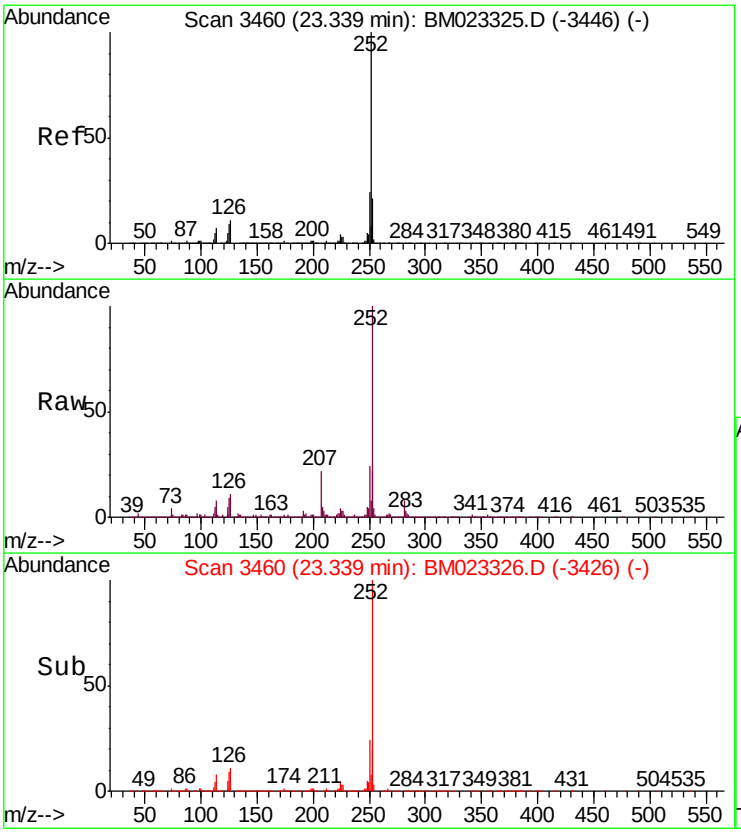
#89
Benzo(k)fluoranthene
Concen: 32.628 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.04 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:252 Resp: 5044009

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	8.8	6.6	9.8

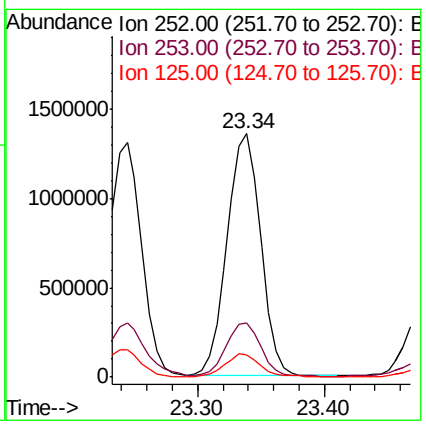


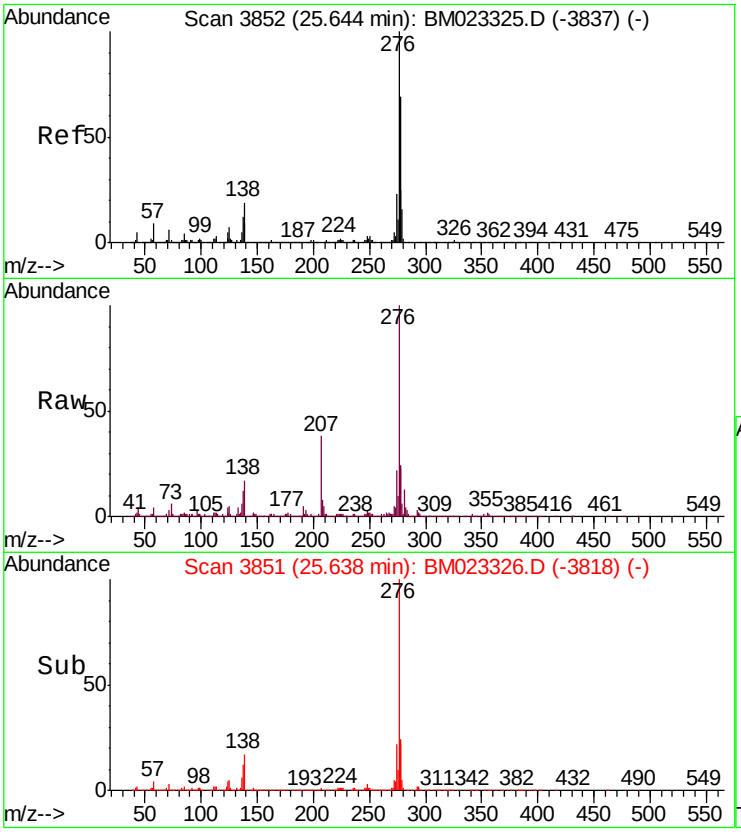


#91
Benzo(a)pyrene
Concen: 16.087 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:252 Resp: 2484785

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	9.3	7.1	10.7



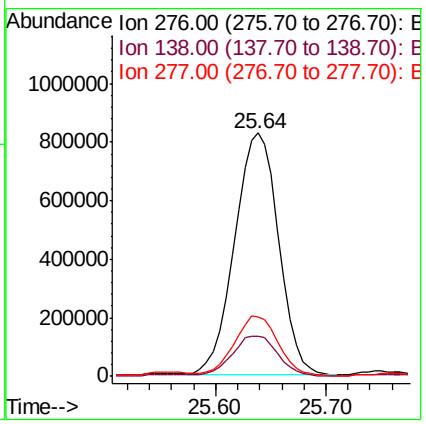


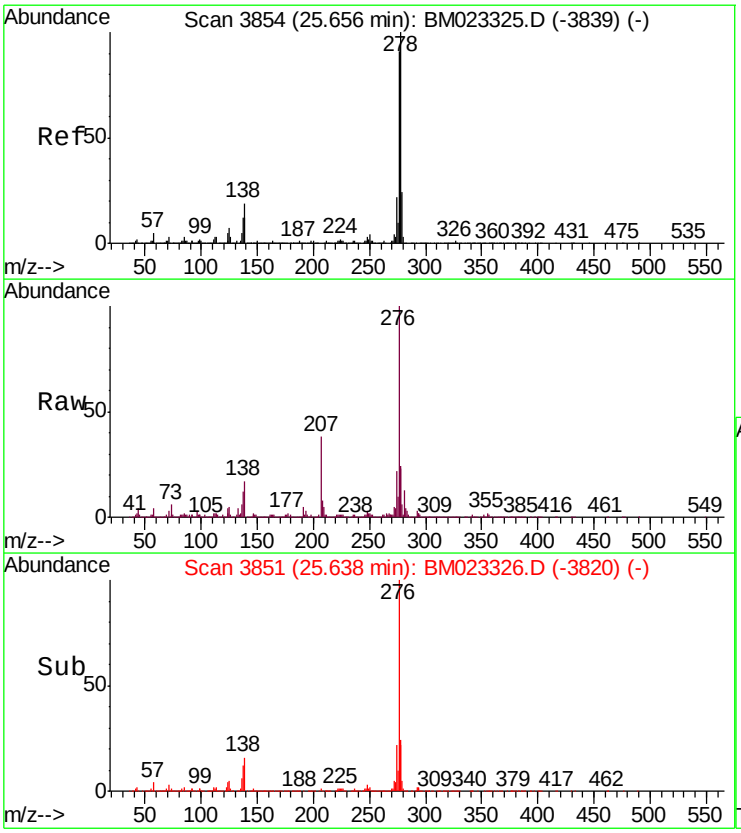
#92
Indeno(1,2,3-cd)pyrene
Concen: 12.584 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:276 Resp: 2312396

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.8	23.6
277	24.4	19.8	29.8

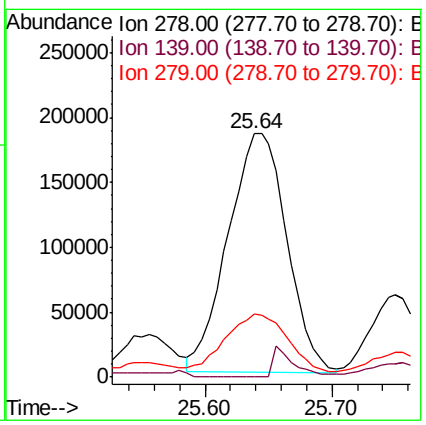


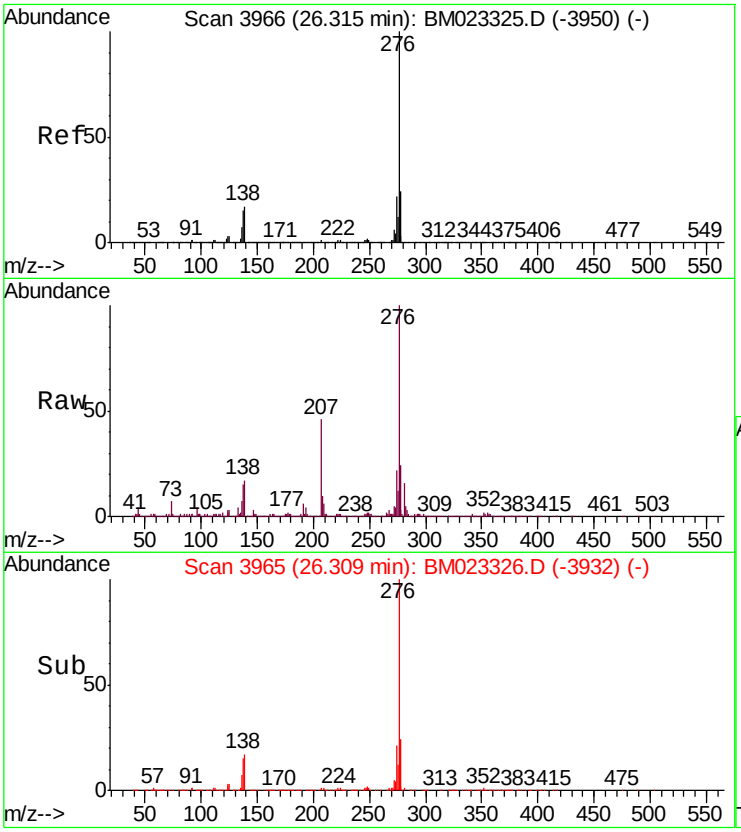


#93
Dibenzo(a,h)anthracene
Concen: 3.853 ng/ul
RT: 25.64 min Scan# 3851
Delta R.T. -0.02 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Tgt Ion:278 Resp: 591936

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.5	15.7#
279	26.0	19.7	29.5





#94
Benzo(g,h,i)perylene
Concen: 14.124 ng/ul
RT: 26.31 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BM023326.D
Acq: 22 Oct 2019 19:32

Instrument :
BNA_M
ClientSampleId :
ETOJ6DL

Tgt Ion:276 Resp: 2136808

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.9	20.9
277	24.1	18.7	28.1