Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023285.D
Acq On : 19 Oct 2019 13:19
Operator : JU
Sample : K5378-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 19 23:37:58 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	551261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2117904	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	1257827	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2564363	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2685917	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	3298291	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	39774	3.18	ng/uL	0.00
5) Phenol-d5	6.82	99	594993	12.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	408769	15.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	548894	14.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	395094	10.24	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	268568	18.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	283072	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	557937	16.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	471250	11.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1660551	17.23	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2016298	17.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	128217	8.22	ng/ul	0.00
58) Fluorene-d10	15.29	176	1472633	17.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	123153	12.11	ng/ul	0.00
71) Anthracene-d10	17.14	188	2251390	18.21	ng/ul	0.00
79) Pyrene-d10	19.44	212	2482292	19.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	3063785	18.32	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	69002	1.394	ng/ul	93
45) Dimethylphthalate	13.76	163	647188	6.708	ng/ul	100
48) Acenaphthylene	14.02	152	816391	7.063	ng/ul	99
54) Dibenzofuran	14.70	168	115002	1.006	ng/ul	98
70) Phenanthrene	17.09	178	9398977	65.310	ng/ul	100
72) Anthracene	17.17	178	1927070	12.958	ng/ul	99
75) Carbazole	17.44	167	1244098	9.364	ng/ul	100
77) Fluoranthene	19.26	202	467758	2.733	ng/ul	99
80) Pyrene	19.47	202	15483655	92.021	ng/ul#	90
83) Benzo(a)anthracene	21.22	228	11329446	62.253	ng/ul	95
85) Chrysene	21.27	228	9965433	58.972	ng/ul	95
88) Benzo(b)fluoranthene	22.79	252	13692839	68.472	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	13692839	71.309	ng/ul	97
91) Benzo(a)pyrene	23.36	252	9721298	50.669	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.66	276	7525124	32.970	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	1884213	9.873	ng/ul#	88
94) Benzo(g,h,i)perylene	26.34	276	6748650	35.912	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023285.D
Acq On : 19 Oct 2019 13:19
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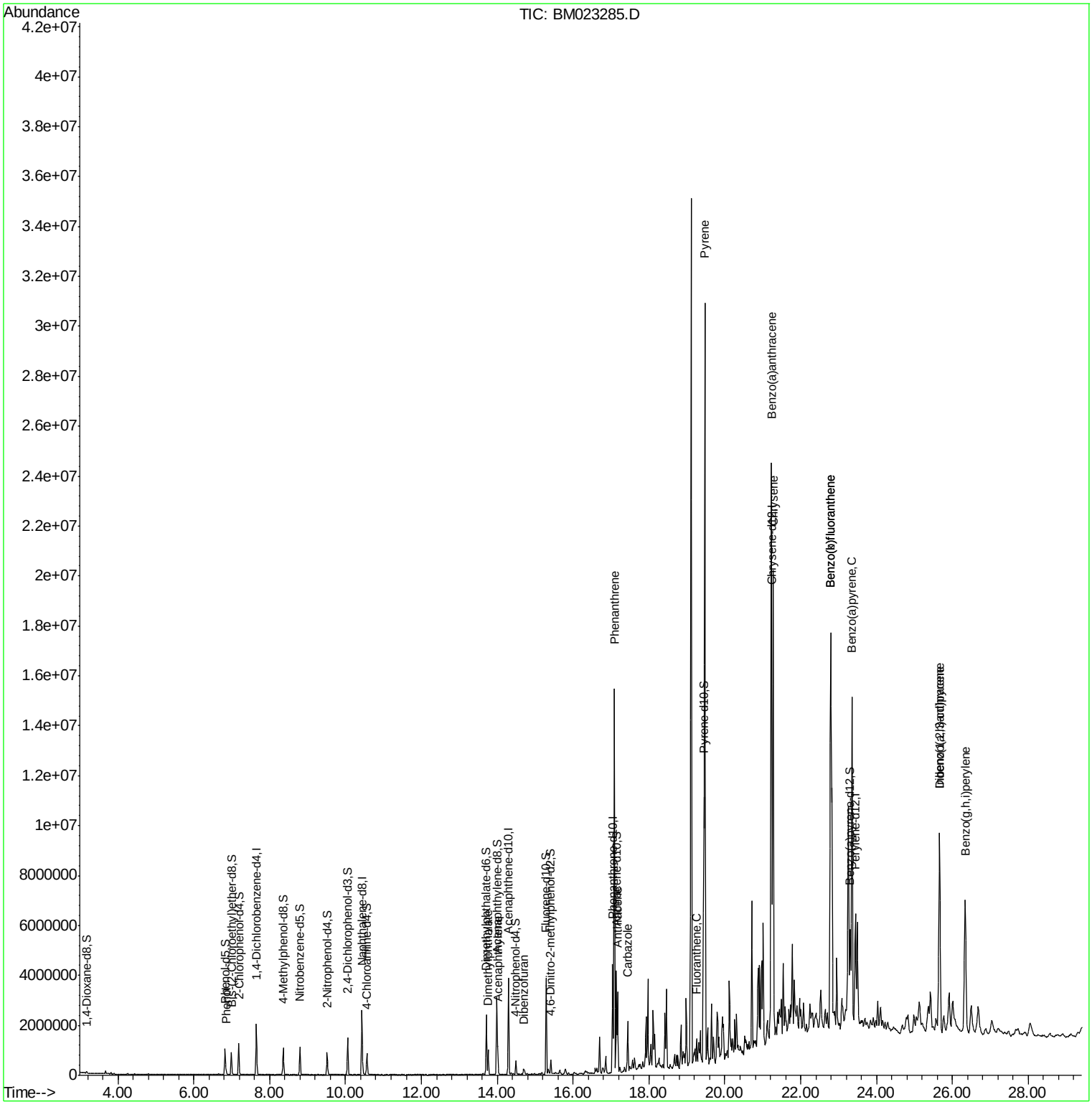
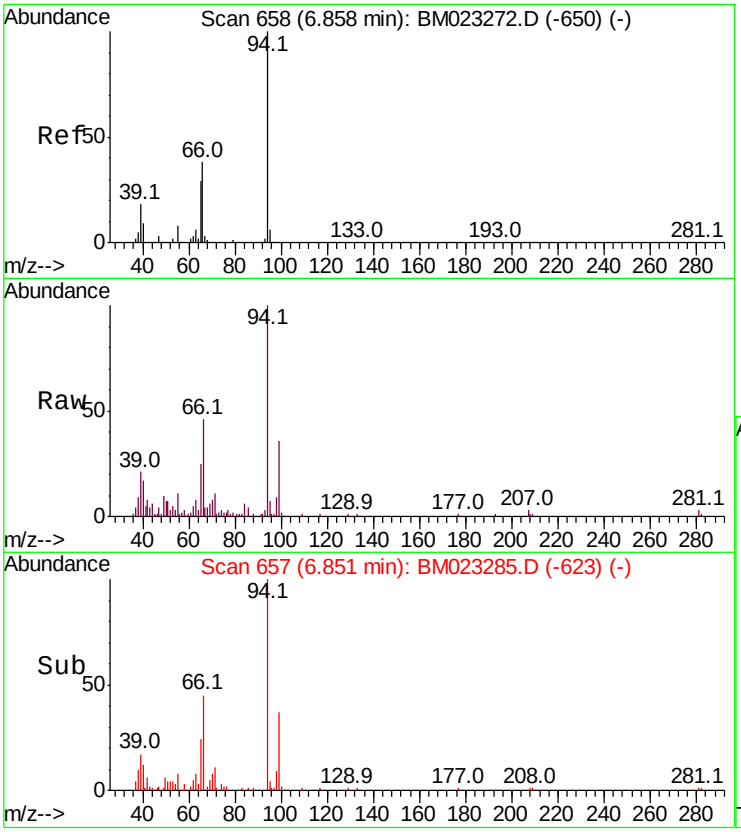
Sample : K5378-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 19 23:37:58 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



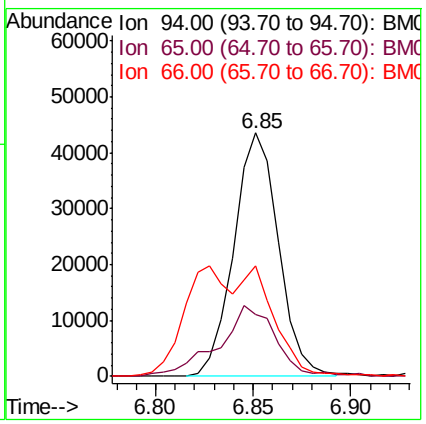


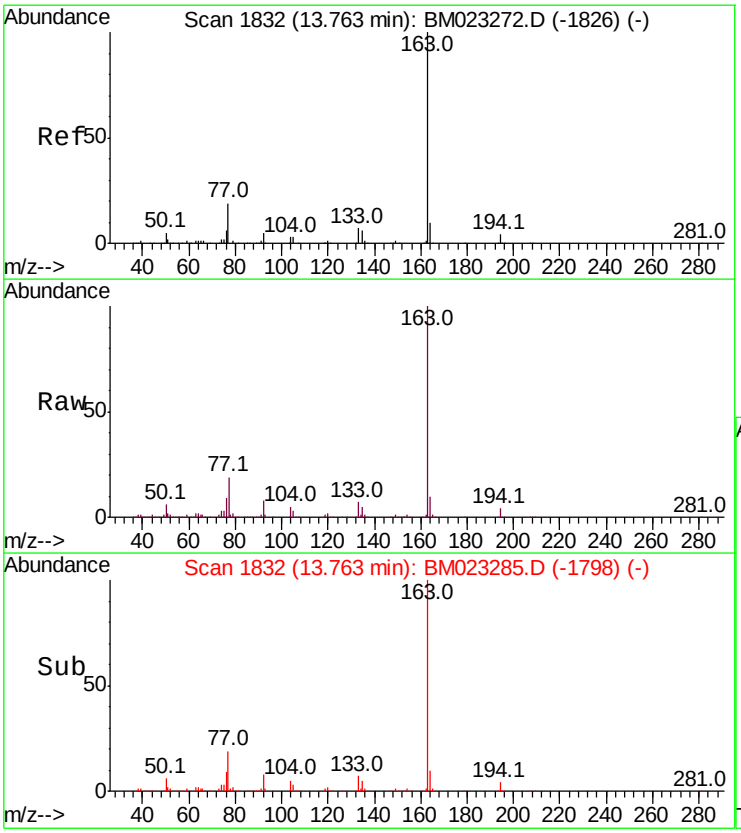
#6
Phenol
Concen: 1.394 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 69002

Ion	Ratio	Lower	Upper
94	100		
65	25.4	23.7	35.5
66	45.5	32.9	49.3

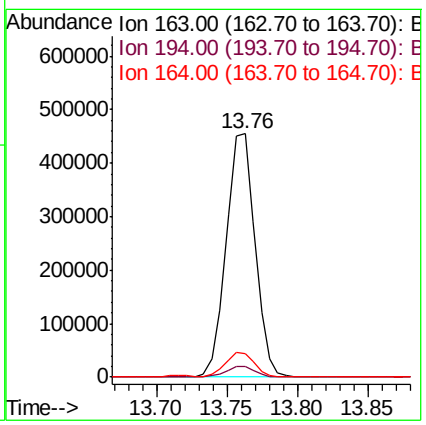


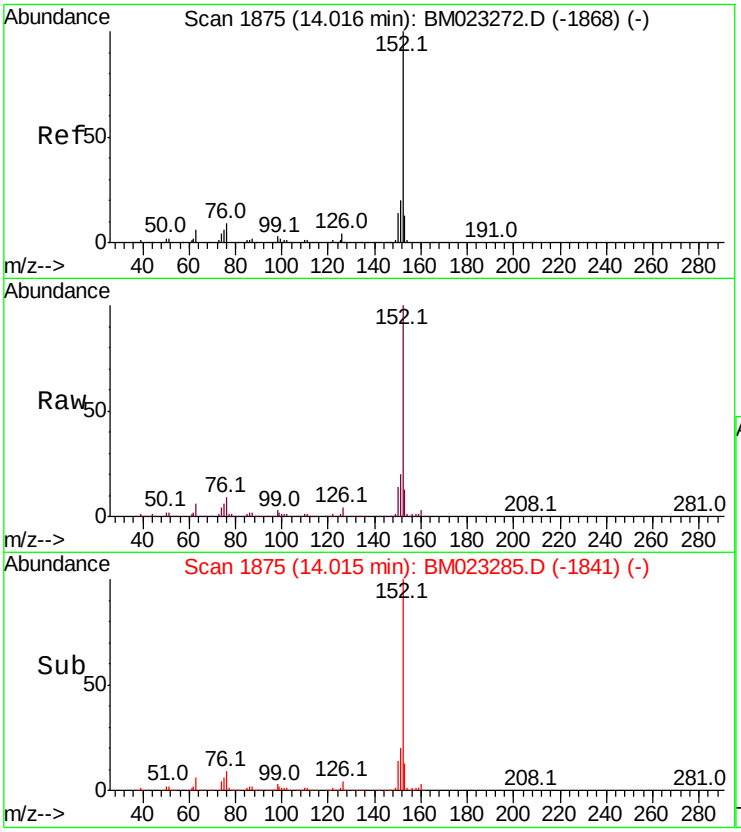


#45
Dimethylphthalate
Concen: 6.708 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:163 Resp: 647188

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.8	8.0	12.0



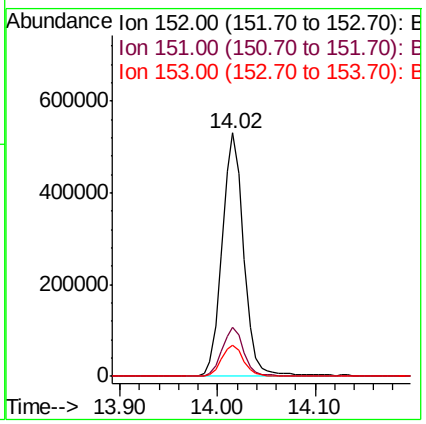


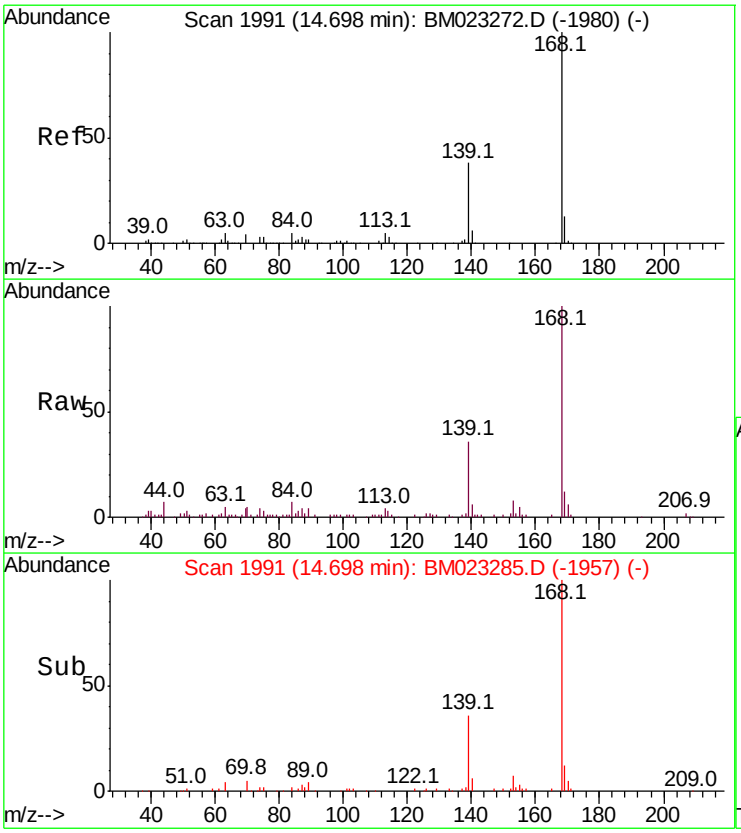
#48
Acenaphthylene
Concen: 7.063 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 816391

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.0	10.3	15.5

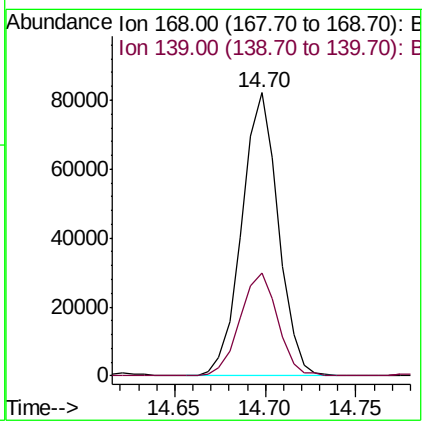


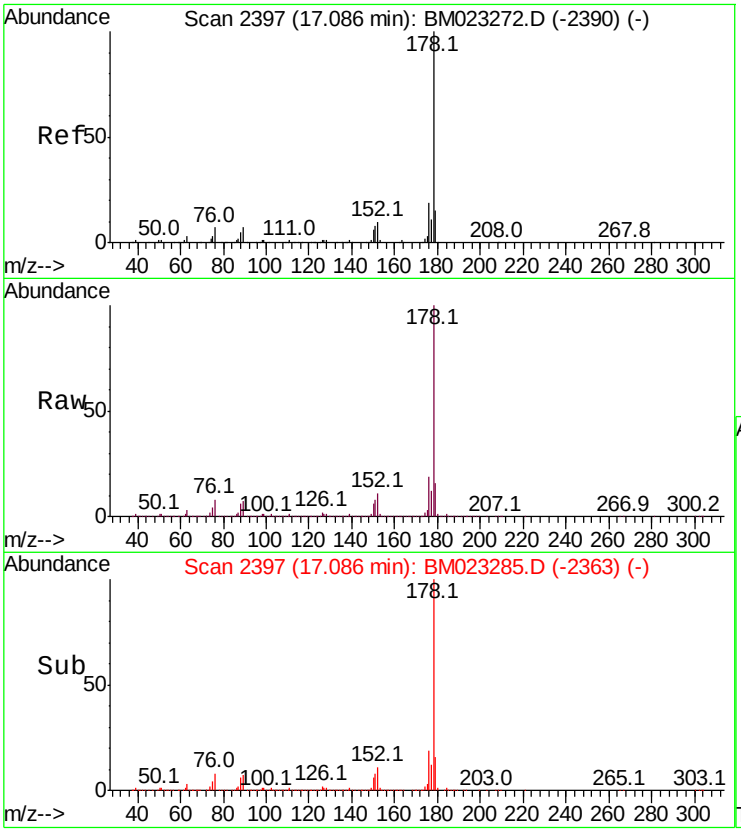


#54
Dibenzofuran
Concen: 1.006 ng/ul
RT: 14.70 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:168 Resp: 115002

Ion	Ratio	Lower	Upper
168	100		
139	36.2	30.1	45.1



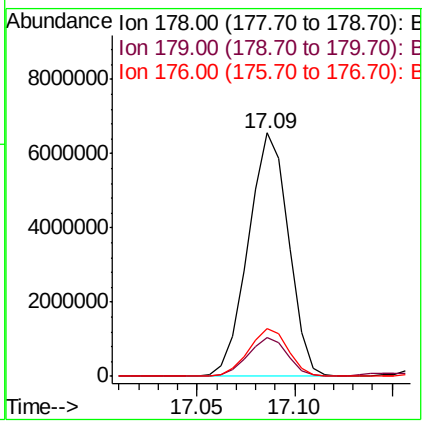


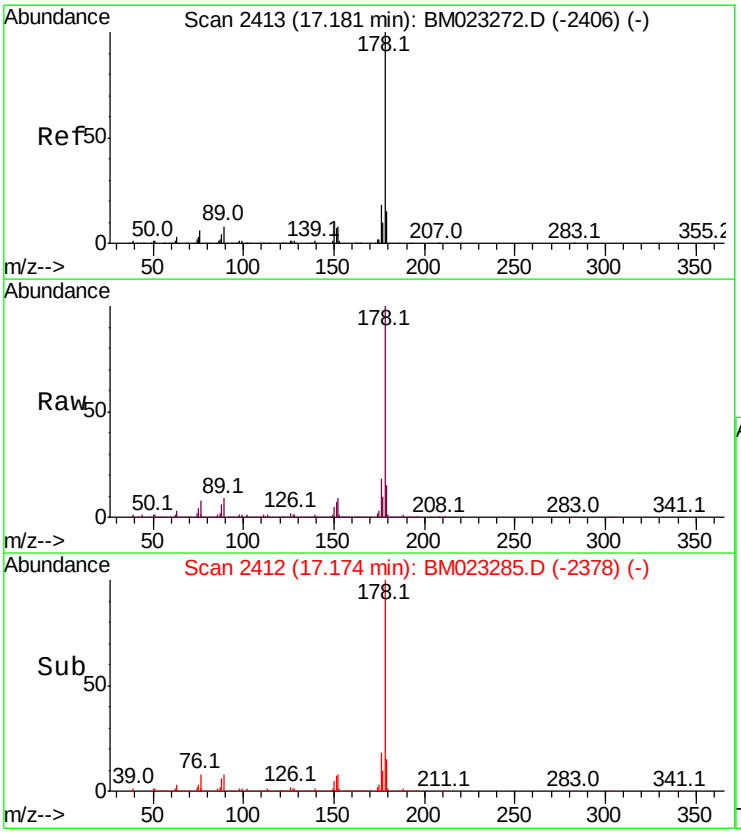
#70
Phenanthrene
Concen: 65.310 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 9398977

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.5	15.5	23.3

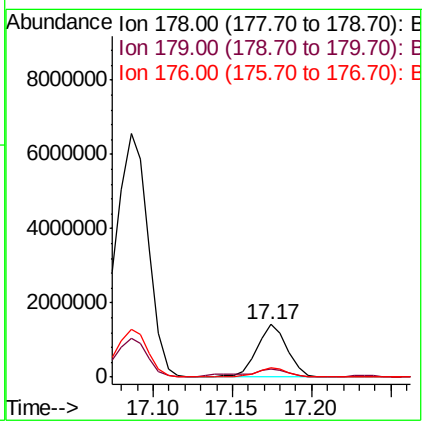


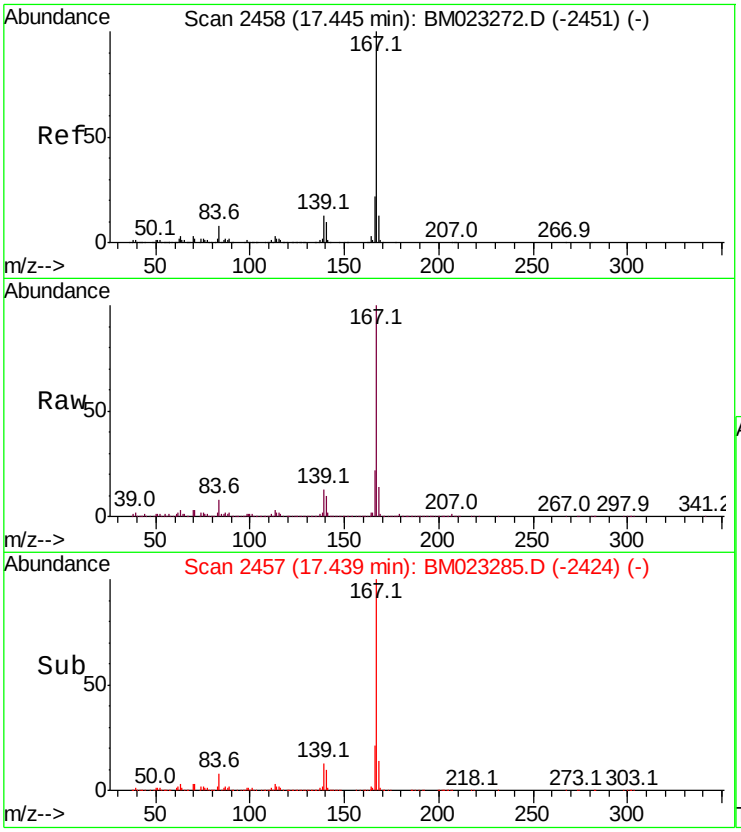


#72
Anthracene
Concen: 12.958 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:178 Resp: 1927070

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	15.0	22.4



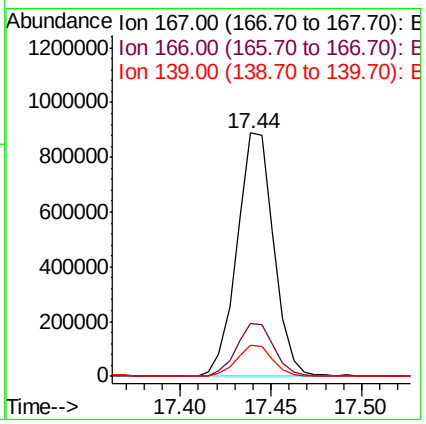


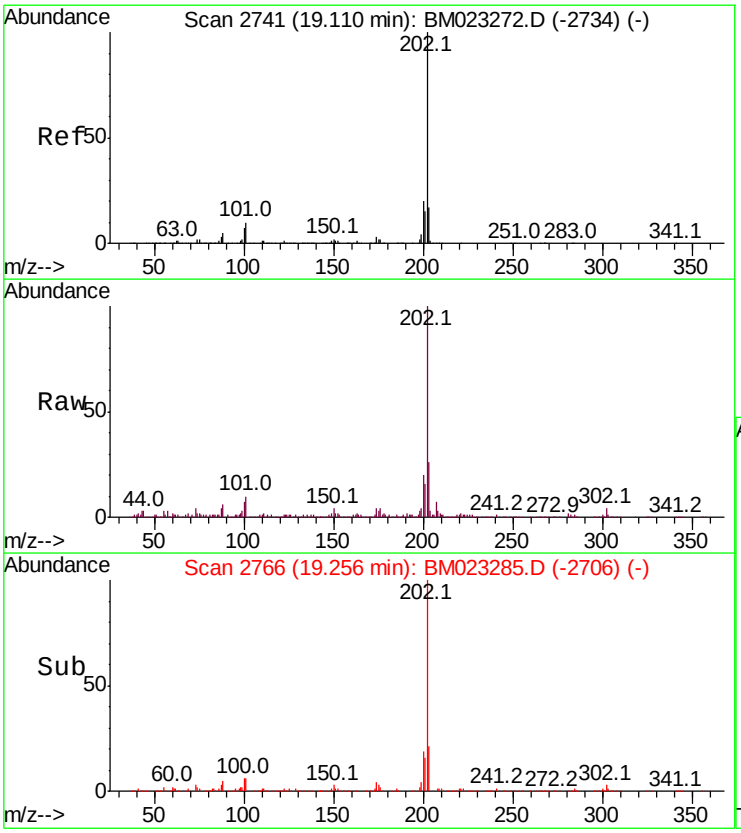
#75
Carbazole
Concen: 9.364 ng/ul
RT: 17.44 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 1244098

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.8	10.2	15.2

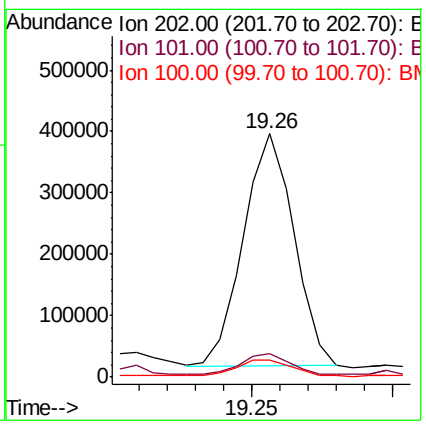


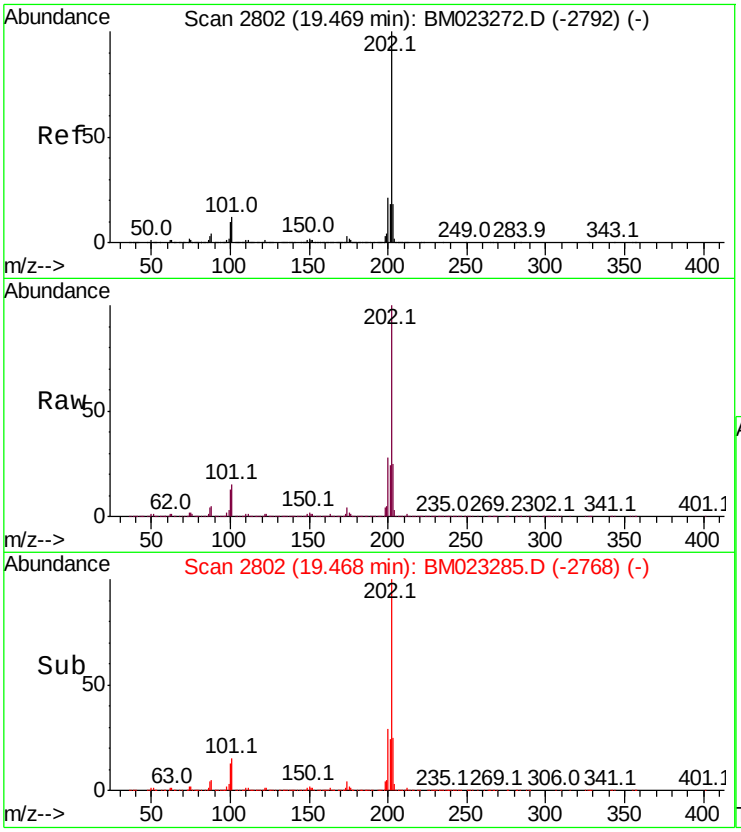


#77
Fluoranthene
Concen: 2.733 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.15 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:202 Resp: 467758

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
100	7.1	6.1	9.1



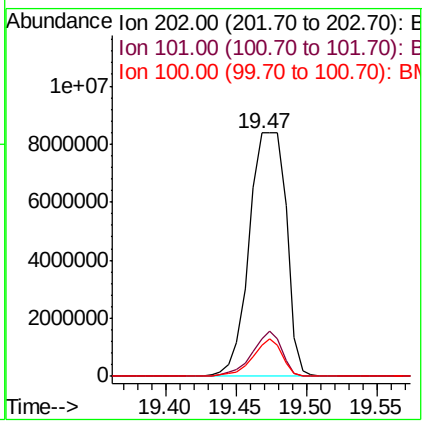


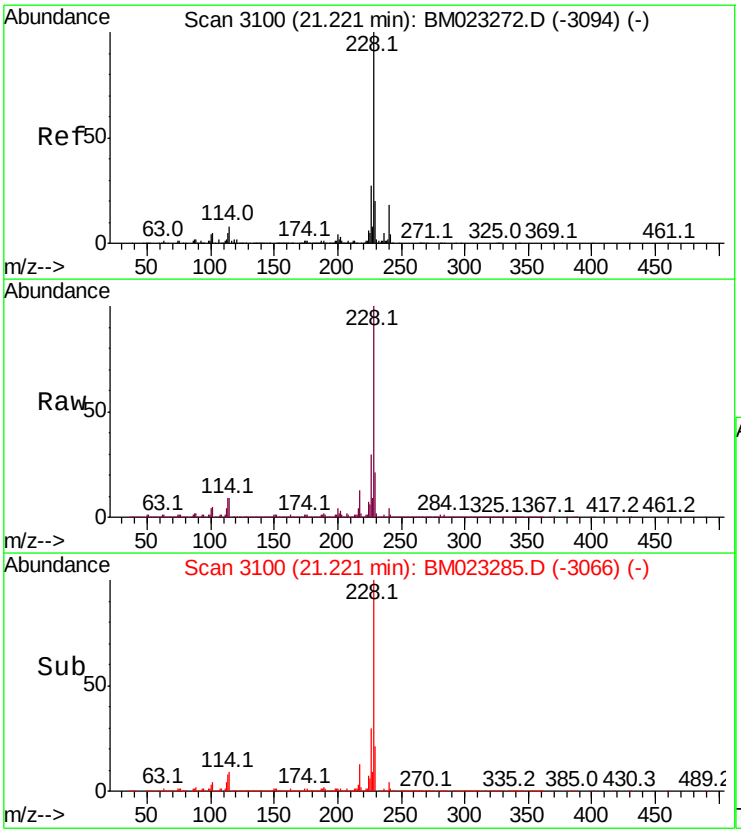
#80
Pyrene
Concen: 92.021 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:15483655

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.1	13.7#
100	12.6	7.5	11.3#

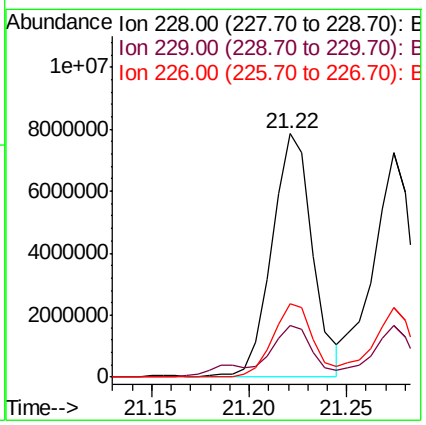


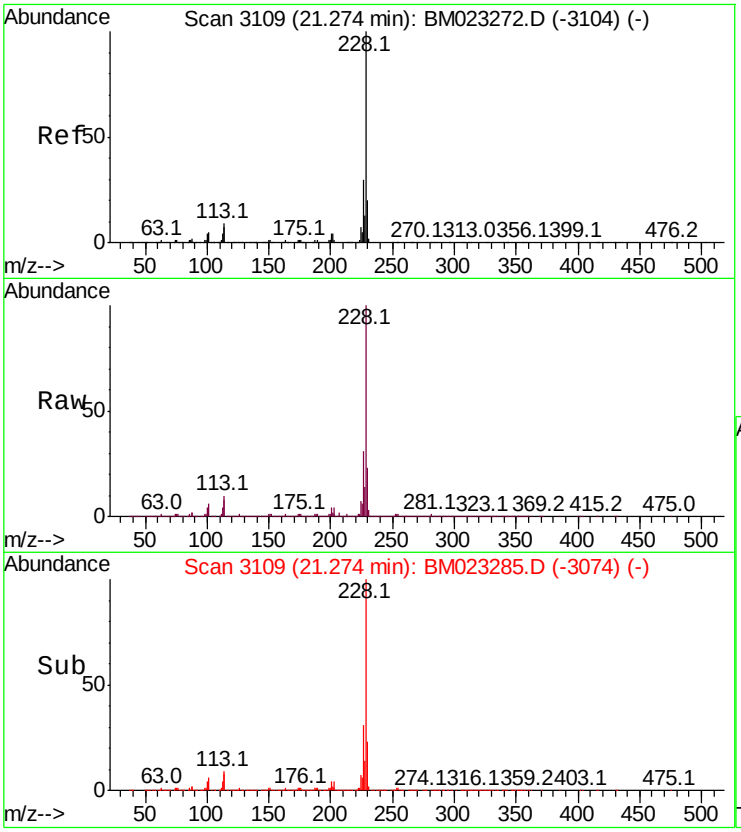


#83
Benzo(a)anthracene
Concen: 62.253 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:228 Resp:11329446

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	30.1	21.6	32.4



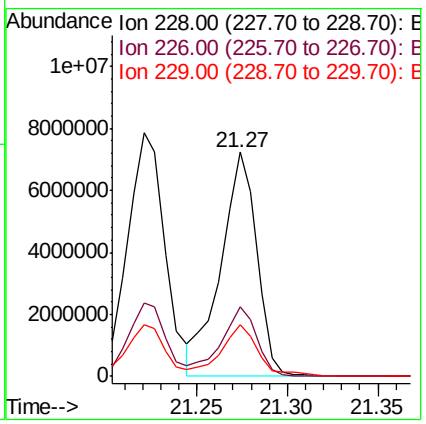


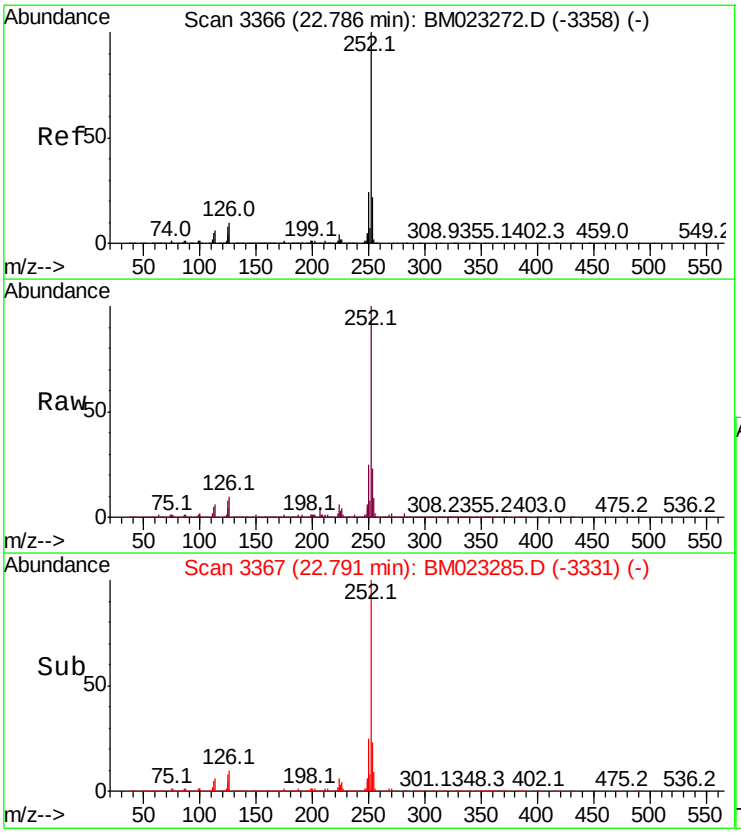
#85
Chrysene
Concen: 58.972 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 9965433

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	23.0	15.5	23.3

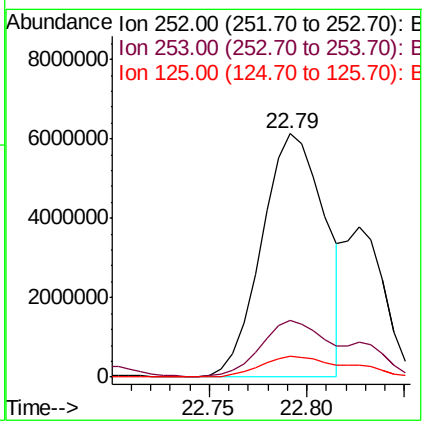


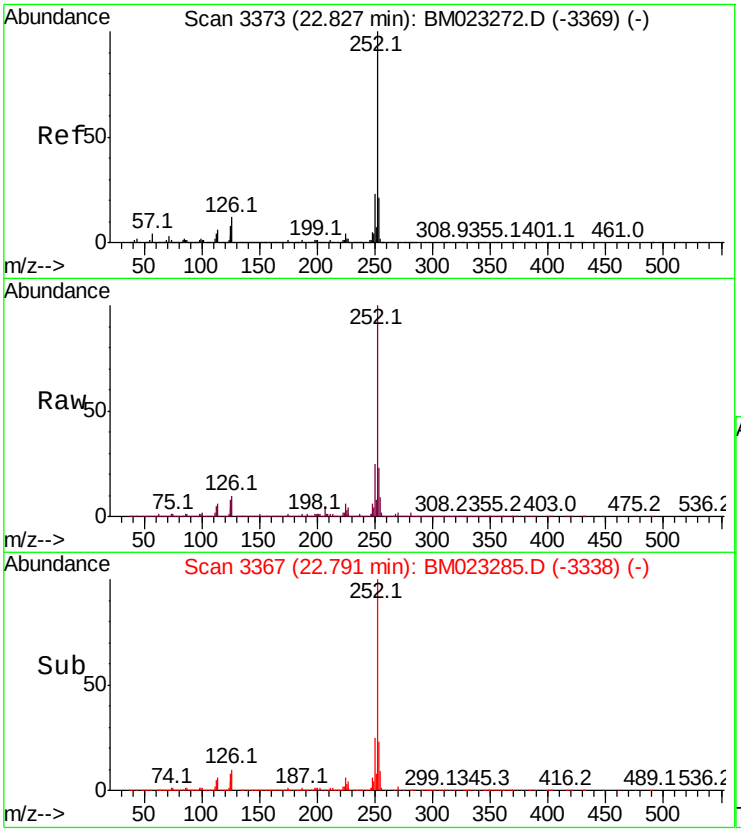


#88
Benzo(b)fluoranthene
Concen: 68.472 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:252 Resp:13692839

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	8.4	6.4	9.6



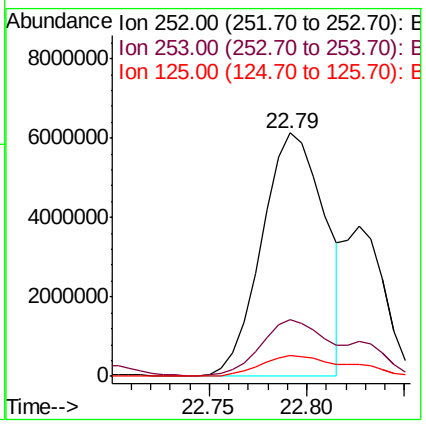


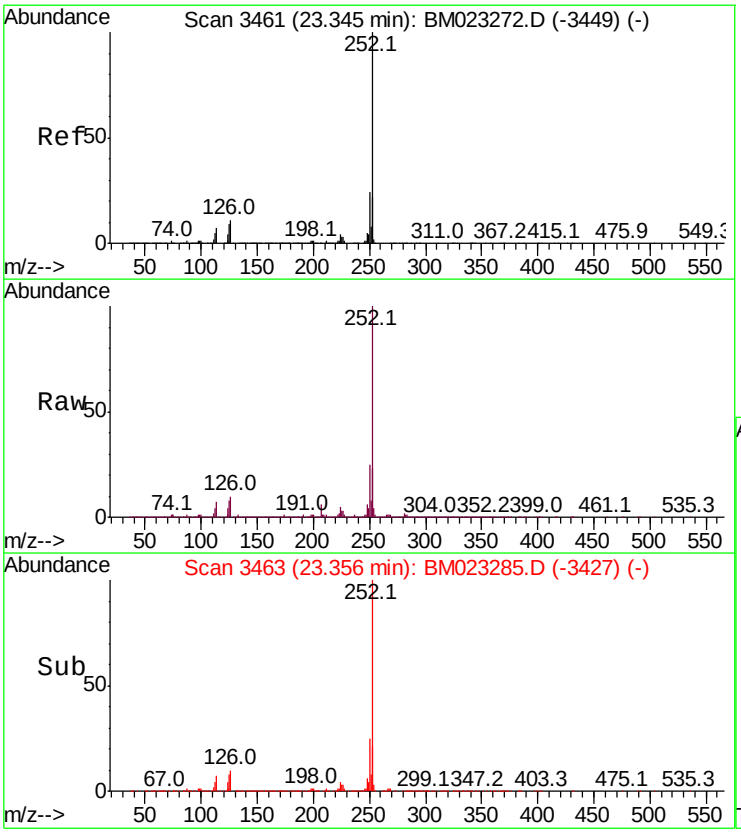
#89
Benzo(k)fluoranthene
Concen: 71.309 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.03 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp:13692839

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	8.4	6.5	9.7

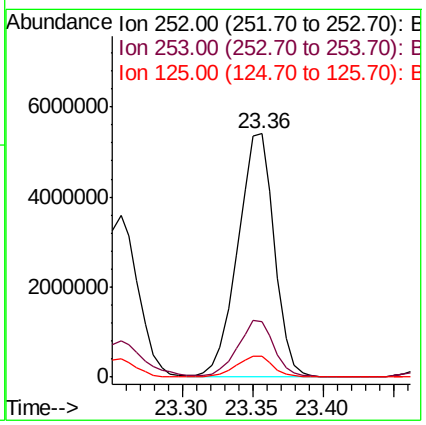


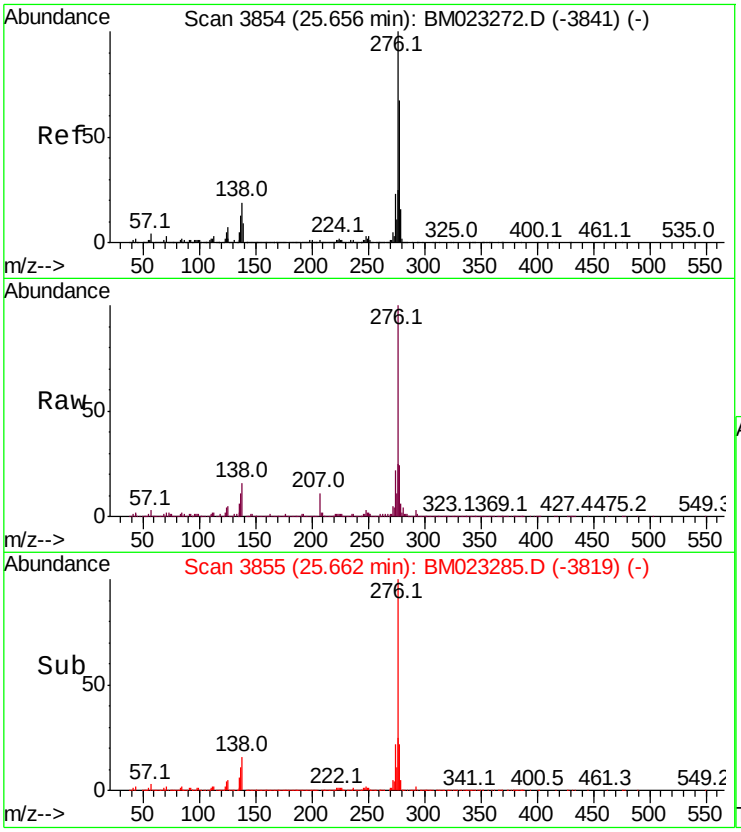


#91
Benzo(a)pyrene
Concen: 50.669 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.01 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:252 Resp: 9721298

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	8.4	7.4	11.0



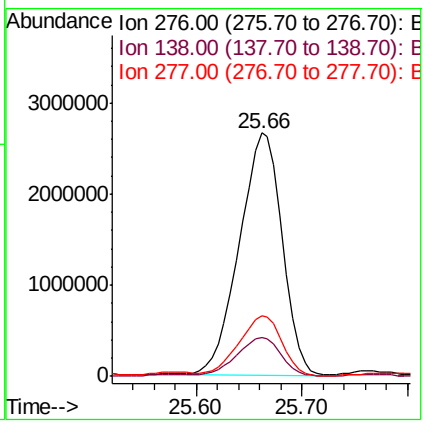


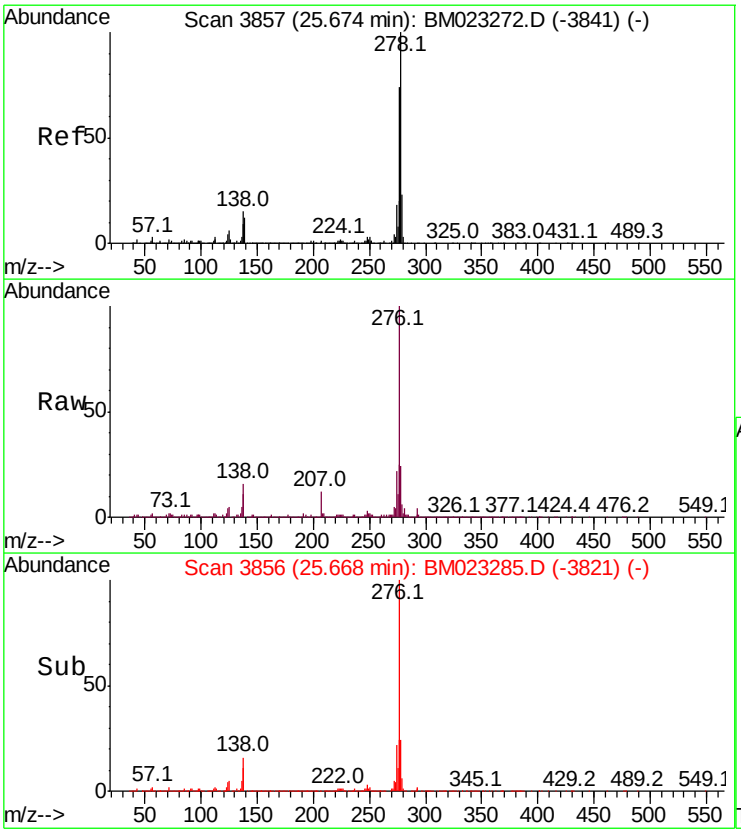
#92
Indeno(1,2,3-cd)pyrene
Concen: 32.970 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. 0.01 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 7525124

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.9	22.3
277	25.0	19.8	29.8

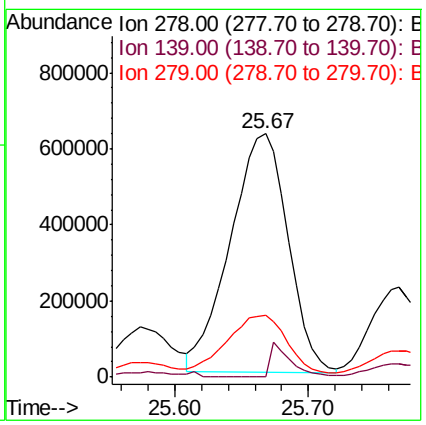


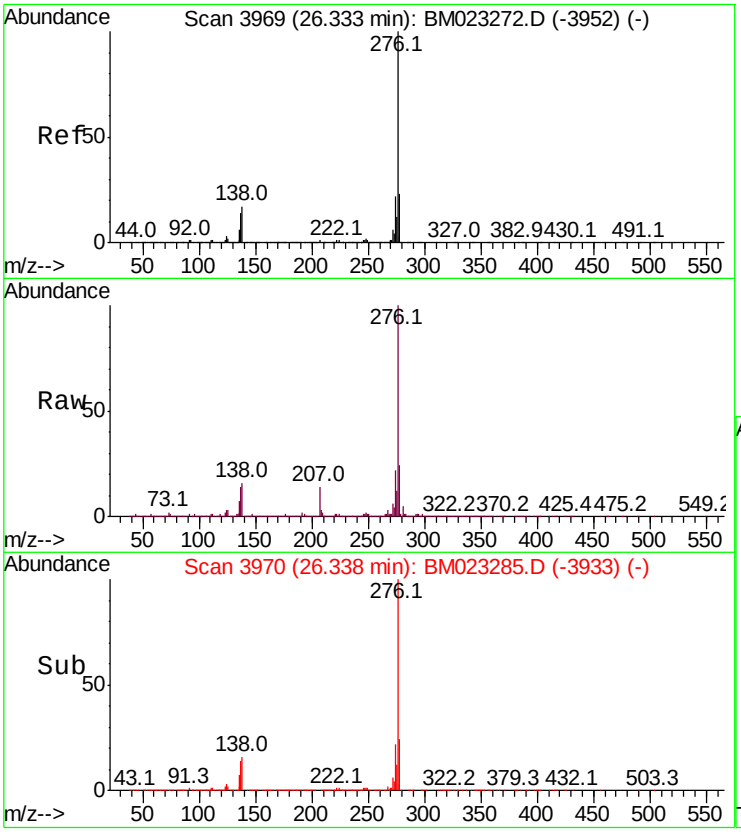


#93
Dibenzo(a,h)anthracene
Concen: 9.873 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Tgt Ion:278 Resp: 1884213

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	25.3	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 35.912 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. 0.02 min
Lab File: BM023285.D
Acq: 19 Oct 2019 13:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 6748650

Ion	Ratio	Lower	Upper
276	100		
138	16.4	14.4	21.6
277	24.2	19.4	29.2