Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\

Quantitation Report (Not Reviewed)

Data File : BM023526.D
Acq On : 31 Oct 2019 19:03
Operator : JU
Sample : K5395-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0003DL

Quant Time: Nov 01 07:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	473482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	1967782	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	1209201	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	2608641	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	2603376	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	3135579	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	3545	0.36	ng/uL	0.01
5) Phenol-d5	6.79	99	70199	1.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	45755	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	58284	1.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	48999	1.52	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	28570	1.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	27335	1.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	51634	1.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	32671	0.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.68	166	187345	2.04	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	206444	1.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	8926	0.56	ng/ul	0.02
58) Fluorene-d10	15.26	176	163286	2.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	8453	0.52	ng/ul	0.00
71) Anthracene-d10	17.10	188	269879	2.19	ng/ul	0.00
79) Pyrene-d10	19.41	212	296827	2.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	346459	2.17	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.06	93	44320	1.388	ng/ul#	23
48) Acenaphthylene	13.98	152	242431	2.223	ng/ul	99
70) Phenanthrene	17.05	178	3211660	22.031	ng/ul	100
72) Anthracene	17.14	178	649378	4.396	ng/ul	99
75) Carbazole	17.41	167	230936	1.855	ng/ul	99
77) Fluoranthene	19.07	202	8342760	54.864	ng/ul	98
80) Pyrene	19.44	202	7213796	39.240	ng/ul	100
83) Benzo(a)anthracene	21.19	228	3658180	21.010	ng/ul	99
85) Chrysene	21.24	228	3136323	19.522	ng/ul	98
87) Di-n-octyl phthalate	21.99	149	256517	1.391	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	4581826	22.752	ng/ul	99
89) Benzo(k)fluoranthene	22.75	252	4581826	24.229	ng/ul	99
91) Benzo(a)pyrene	23.30	252	3314631	18.180	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.59	276	2525537	12.793	ng/ul	97
93) Dibenzo(a,h)anthracene	25.59	278	565330	3.396	ng/ul#	85
94) Benzo(g,h,i)perylene	26.26	276	2326778	14.487	ng/ul	99

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

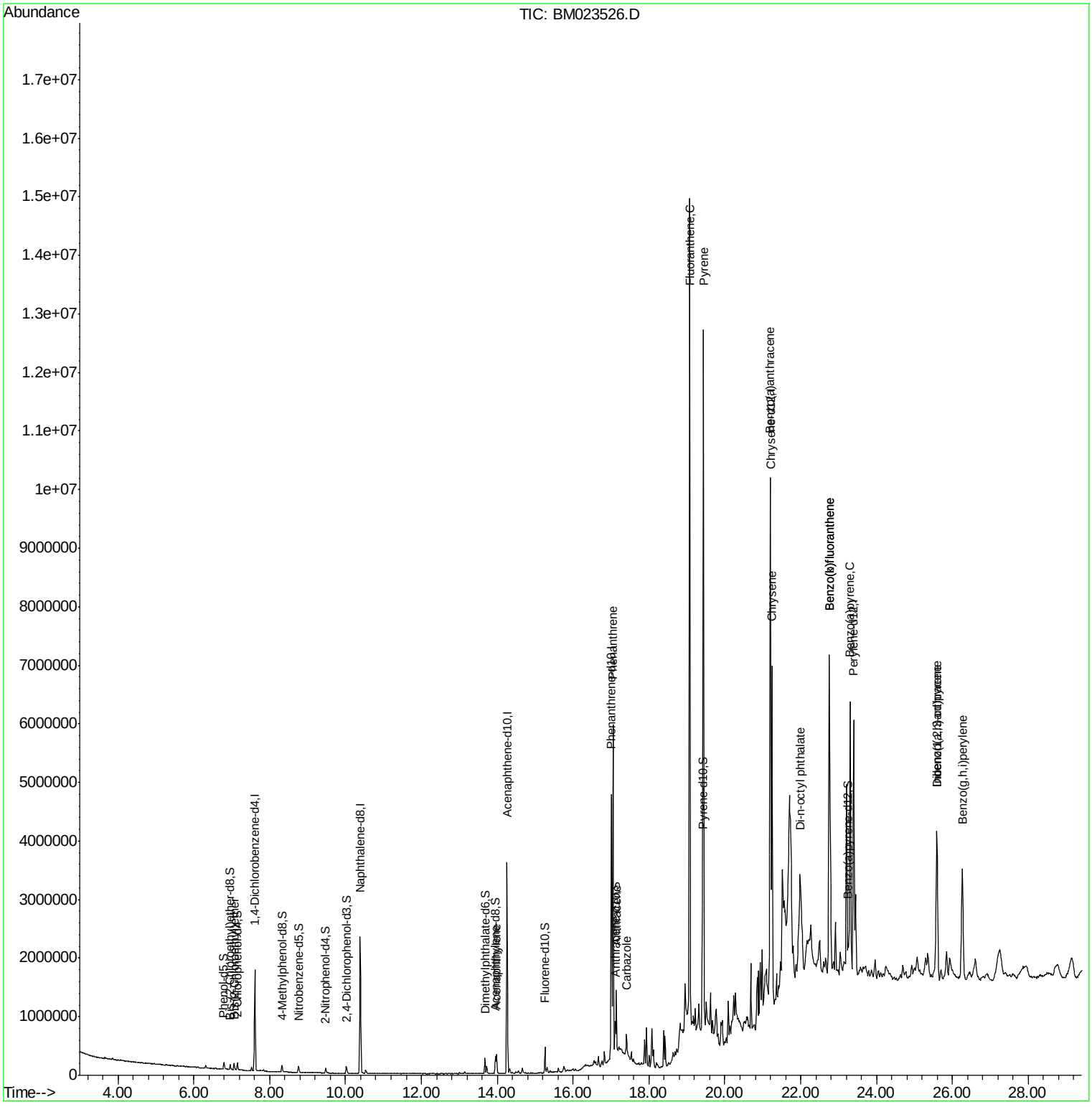
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\

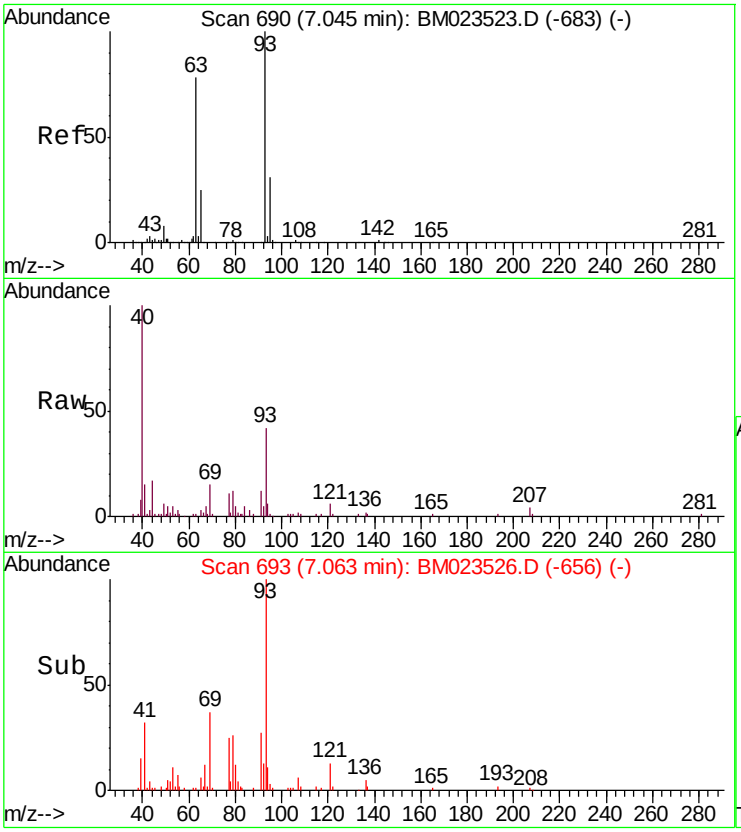
Quantitation Report (Not Reviewed)

Data File : BM023526.D
Acq On : 31 Oct 2019 19:03
Operator : JU
Sample : K5395-10DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0003DL

Quant Time: Nov 01 07:15:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 01 07:12:43 2019
Response via : Initial Calibration



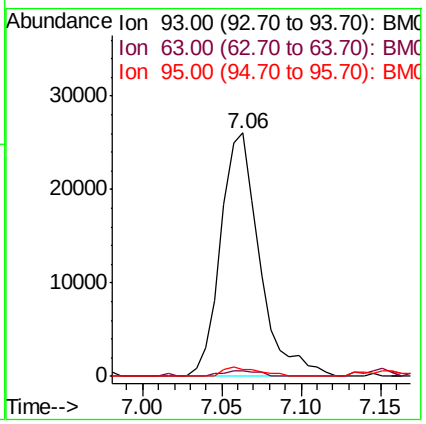


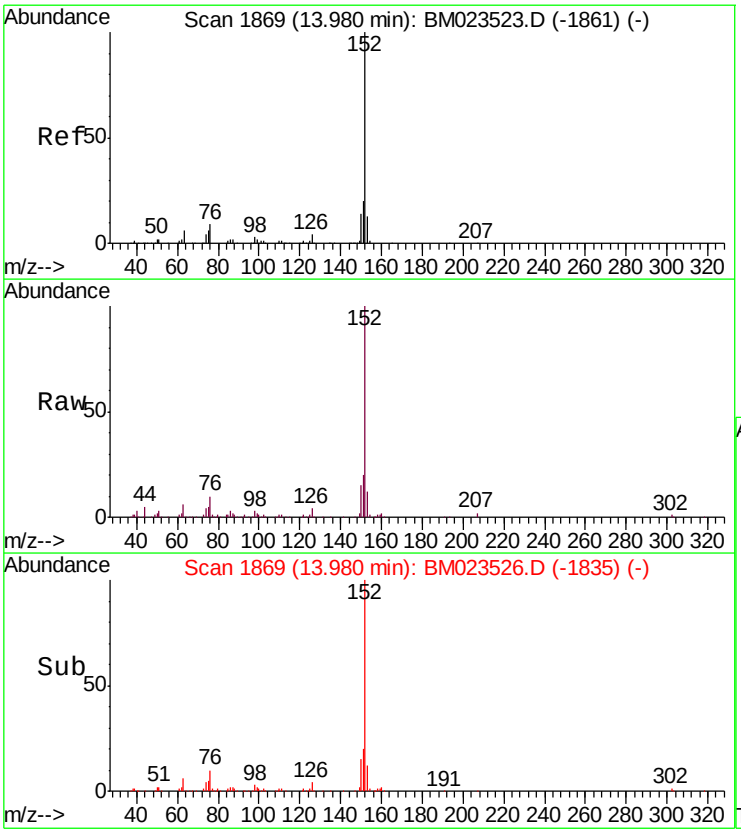
#8
Bis(2-Chloroethyl)ether
Concen: 1.388 ng/ul
RT: 7.06 min Scan# 693
Delta R.T. 0.02 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion: 93 Resp: 44320

Ion	Ratio	Lower	Upper
93	100		
63	2.1	61.4	92.0#
95	2.8	26.1	39.1#

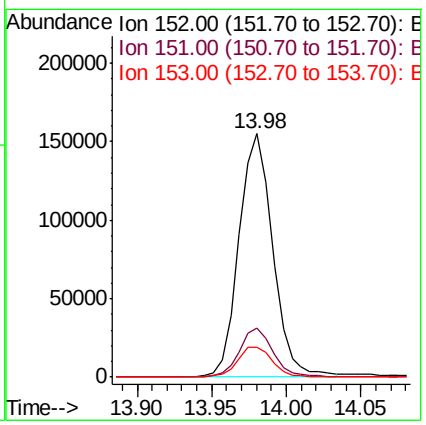


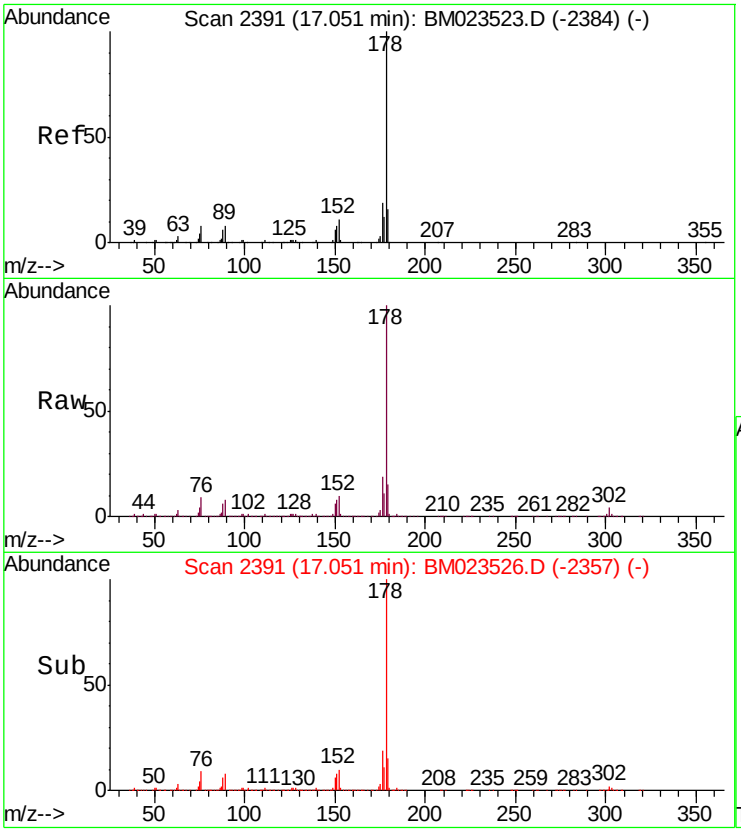


#48
Acenaphthylene
Concen: 2.223 ng/ul
RT: 13.98 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:152 Resp: 242431

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	12.4	10.4	15.6



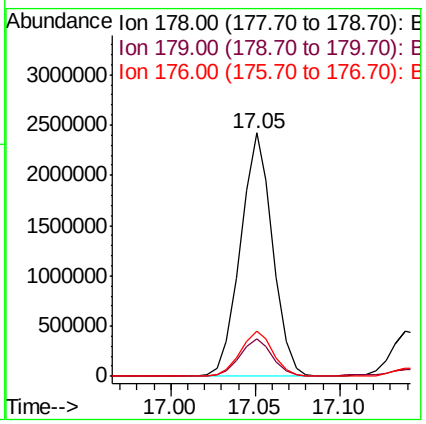


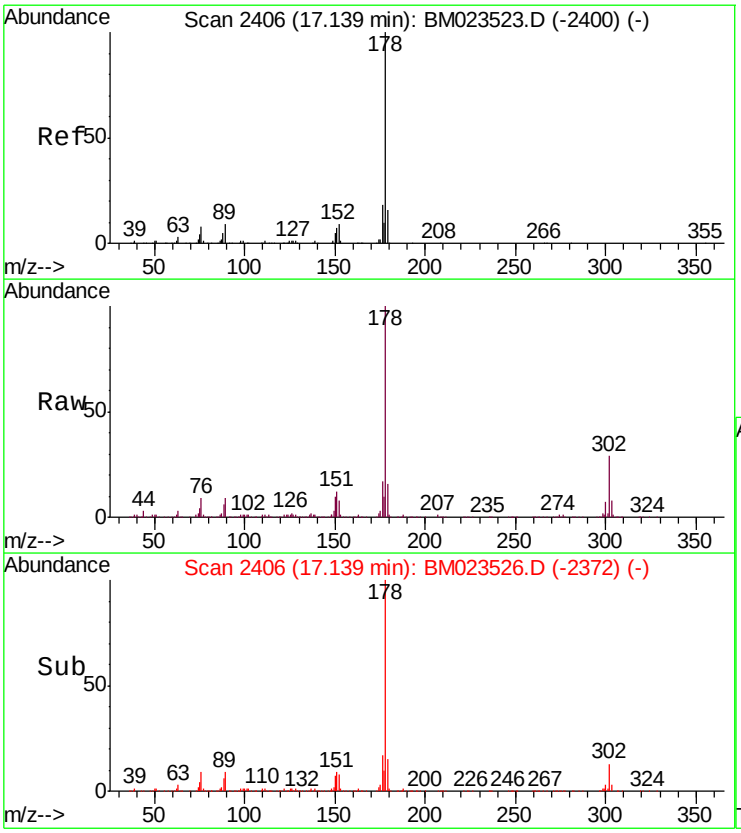
#70
Phenanthrene
Concen: 22.031 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:178 Resp: 3211660

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.7	14.9	22.3

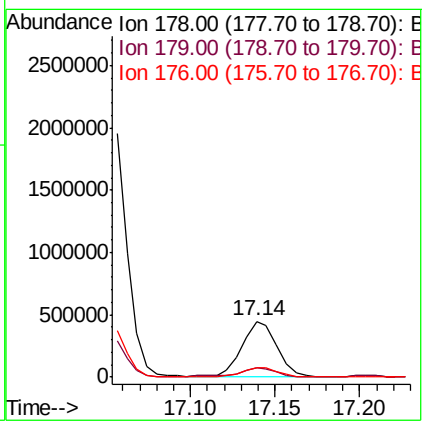


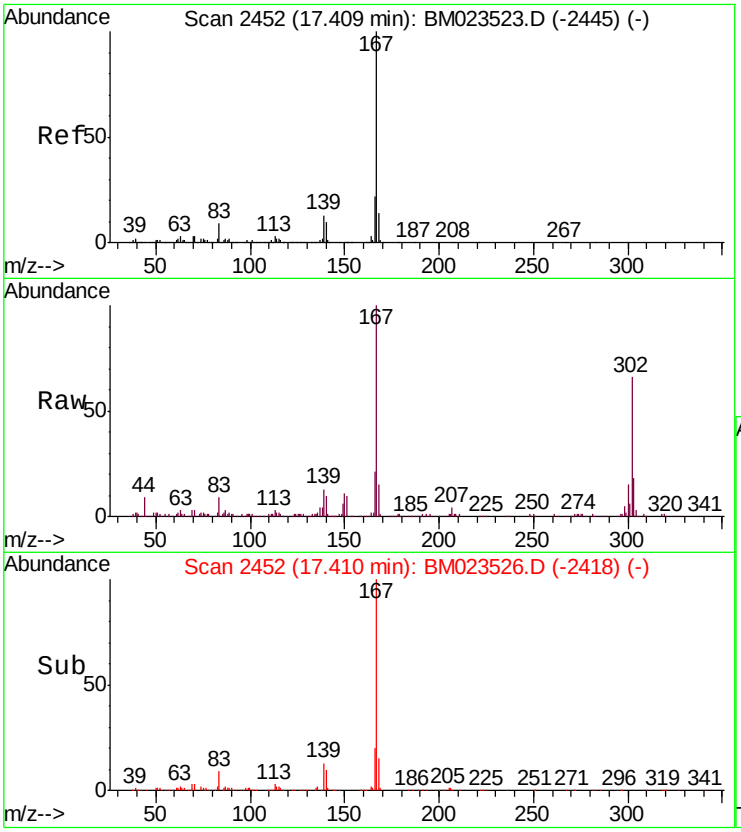


#72
Anthracene
Concen: 4.396 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:178 Resp: 649378

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	17.5	14.4	21.6



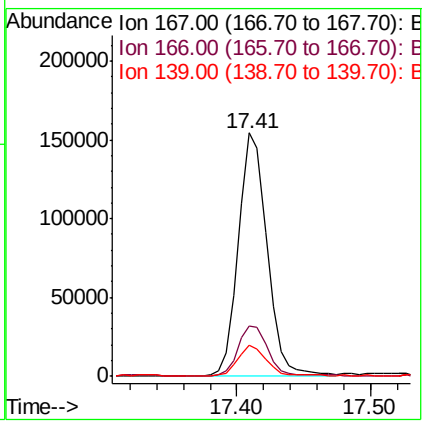


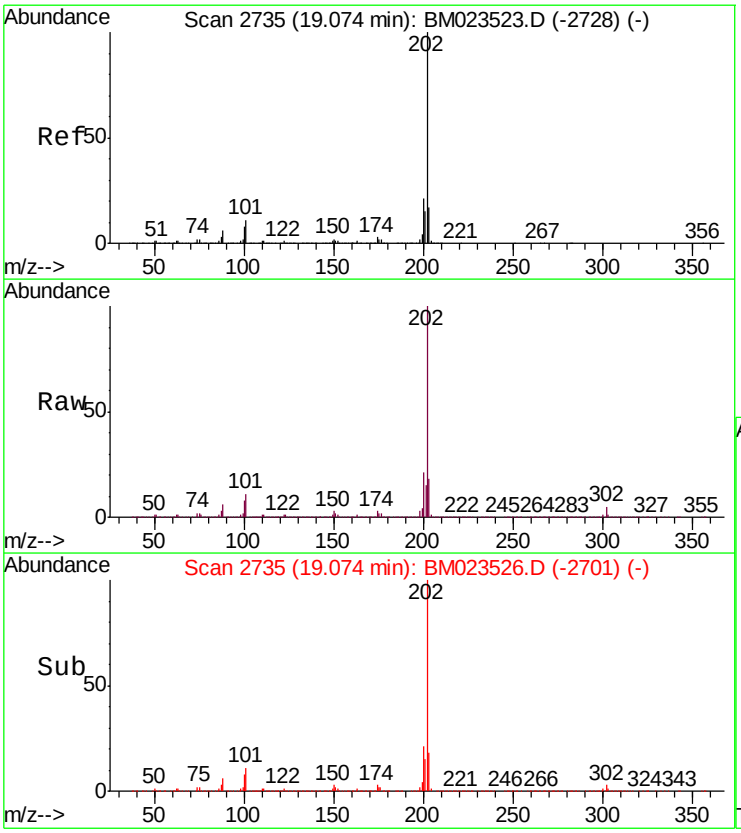
#75
Carbazole
Concen: 1.855 ng/ul
RT: 17.41 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:167 Resp: 230936

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.0	10.0	15.0

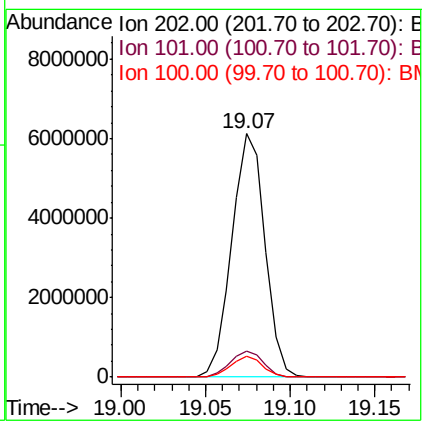


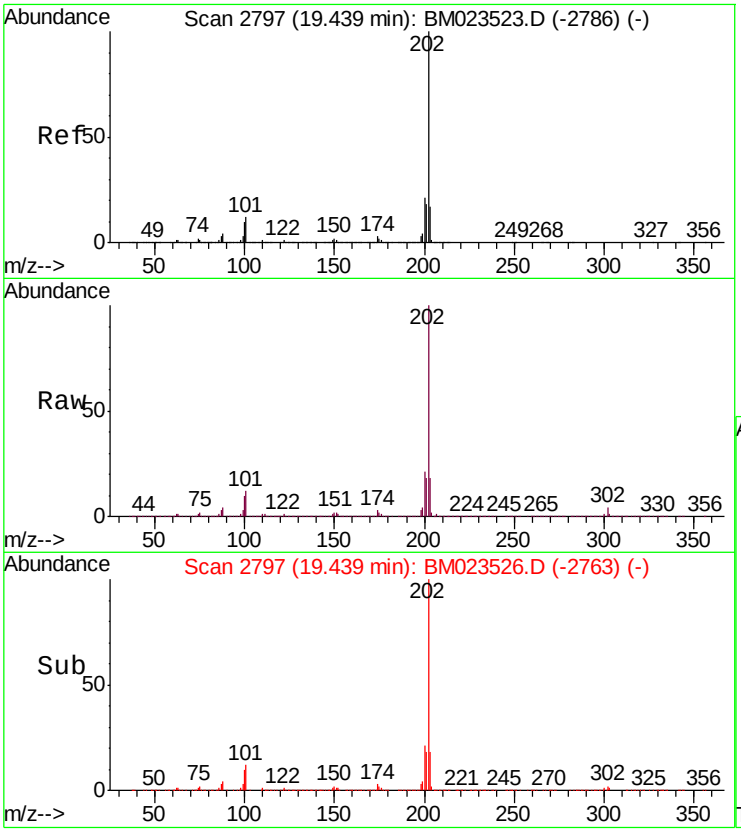


#77
Fluoranthene
Concen: 54.864 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:202 Resp: 8342760

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.1	12.1
100	8.4	6.2	9.2



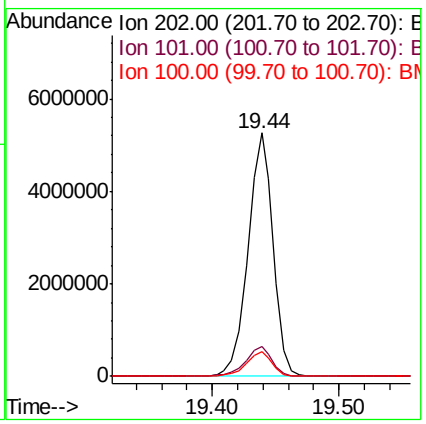


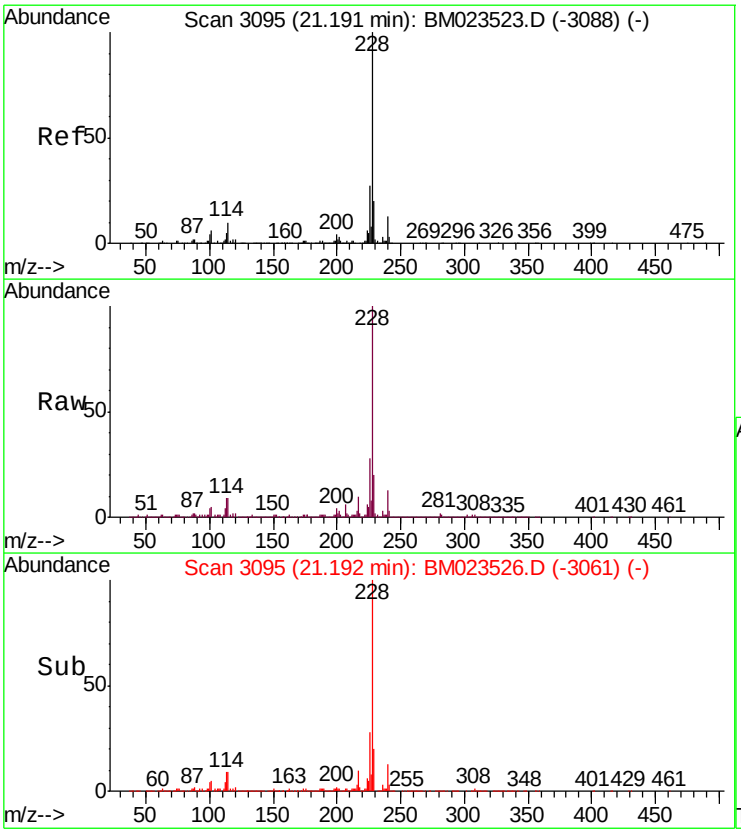
#80
Pyrene
Concen: 39.240 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:202 Resp: 7213796

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.0	15.0
100	10.3	8.3	12.5

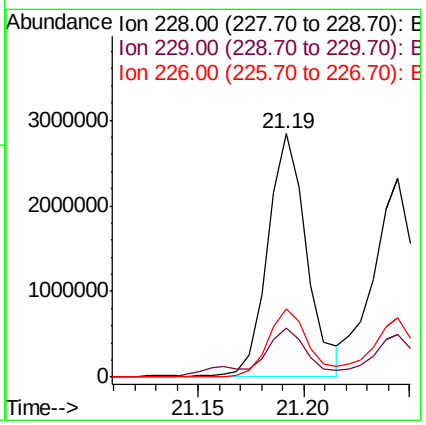


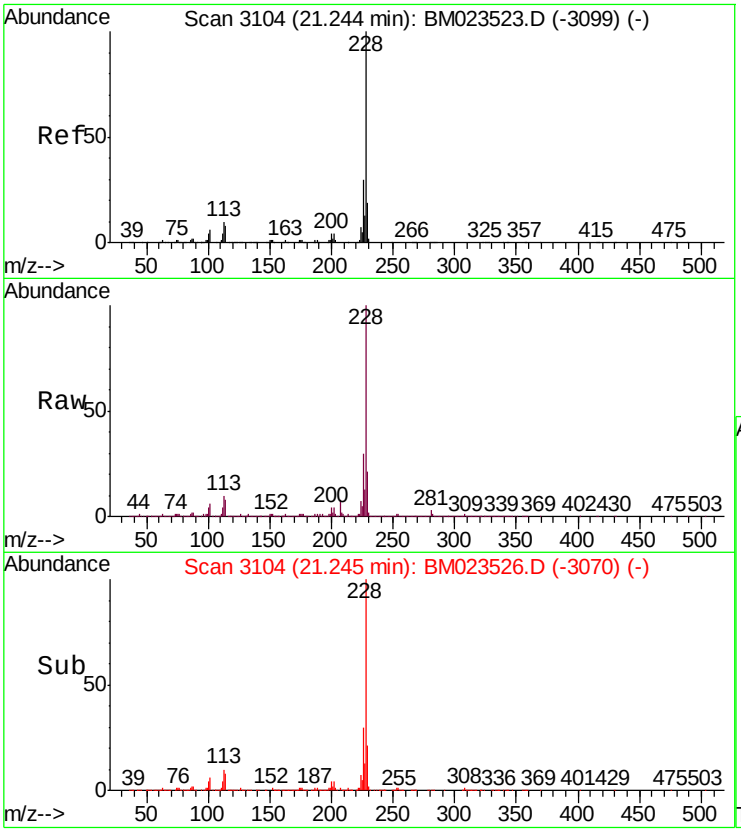


#83
Benzo(a)anthracene
Concen: 21.010 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:228 Resp: 3658180

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.9	21.6	32.4



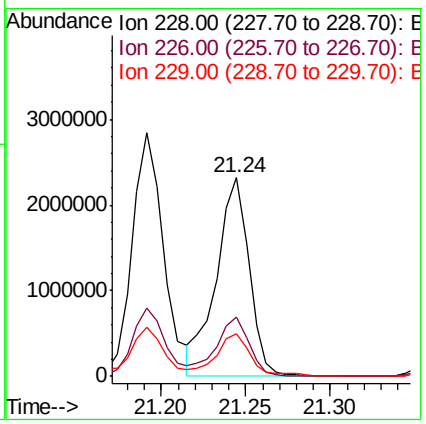


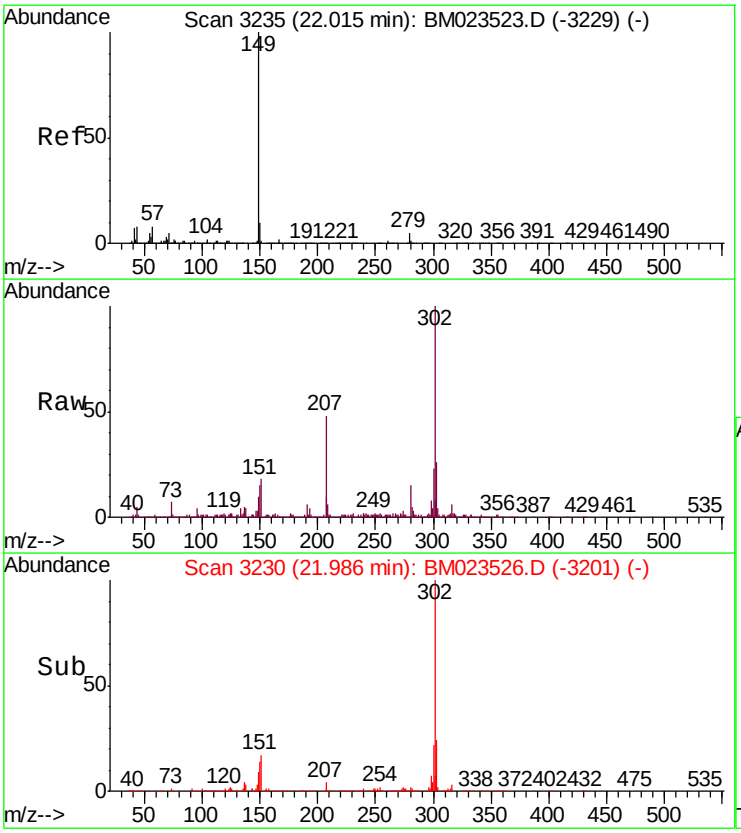
#85
Chrysene
Concen: 19.522 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:228 Resp: 3136323

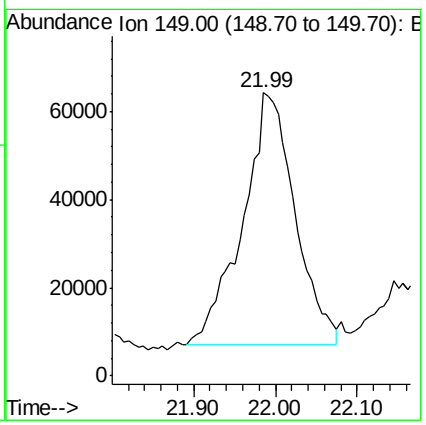
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	21.3	16.0	24.0

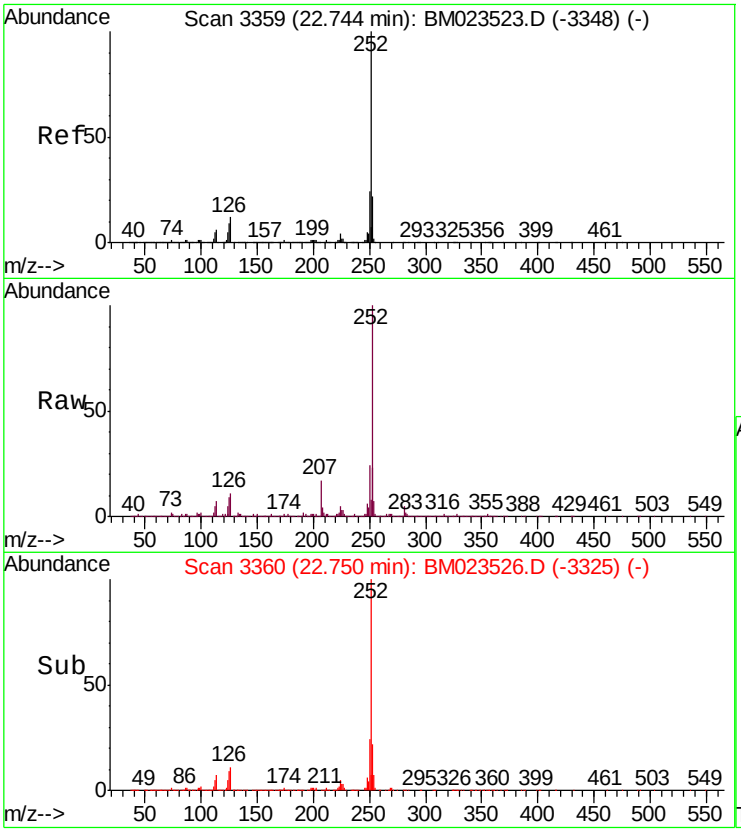




#87
Di-n-octyl phthalate
Concen: 1.391 ng/ul
RT: 21.99 min Scan# 3230
Delta R.T. -0.03 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:149 Resp: 256517



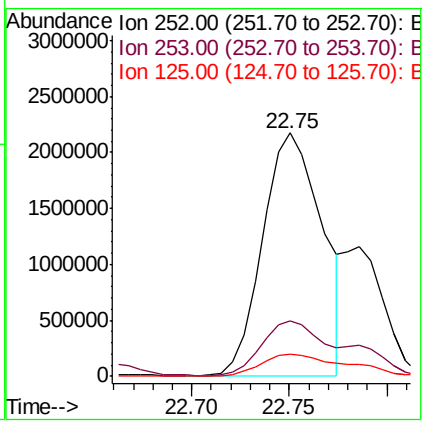


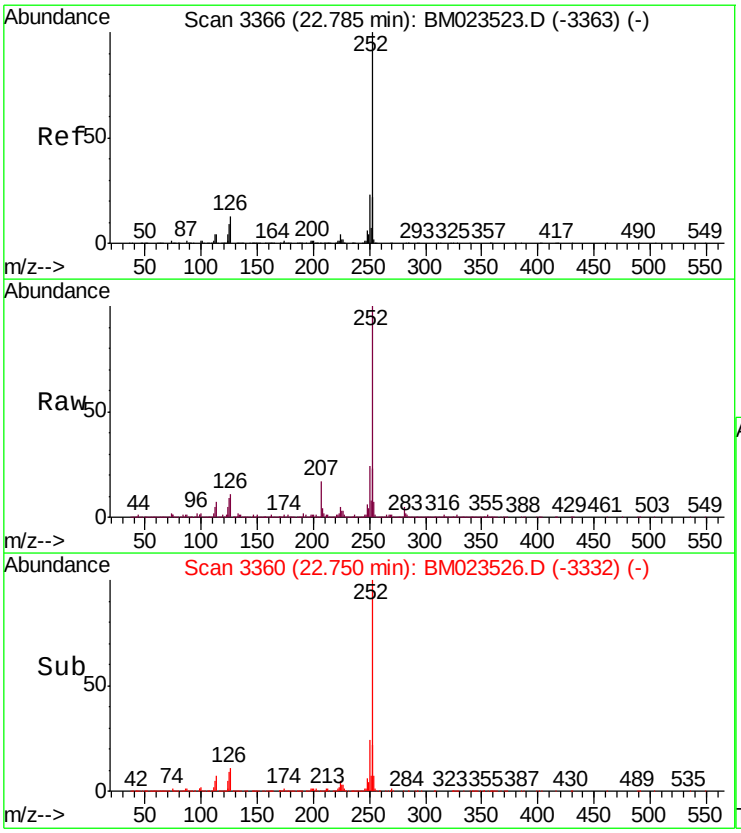
#88
Benzo(b)fluoranthene
Concen: 22.752 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:252 Resp: 4581826

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.3	7.1	10.7

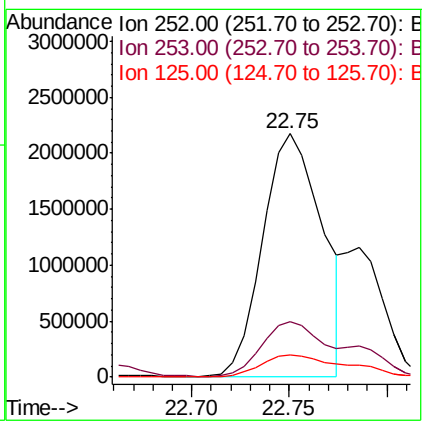


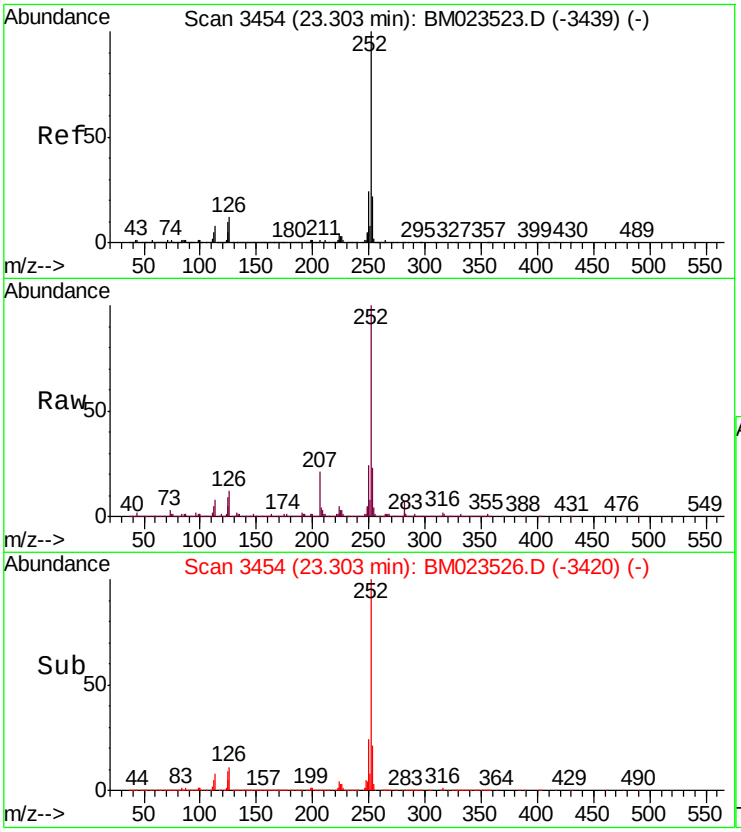


#89
Benzo(k)fluoranthene
Concen: 24.229 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:252 Resp: 4581826

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.3	6.8	10.2



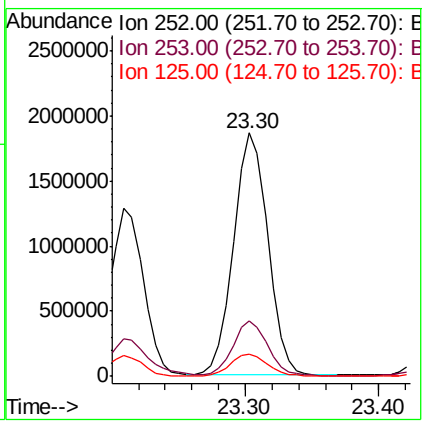


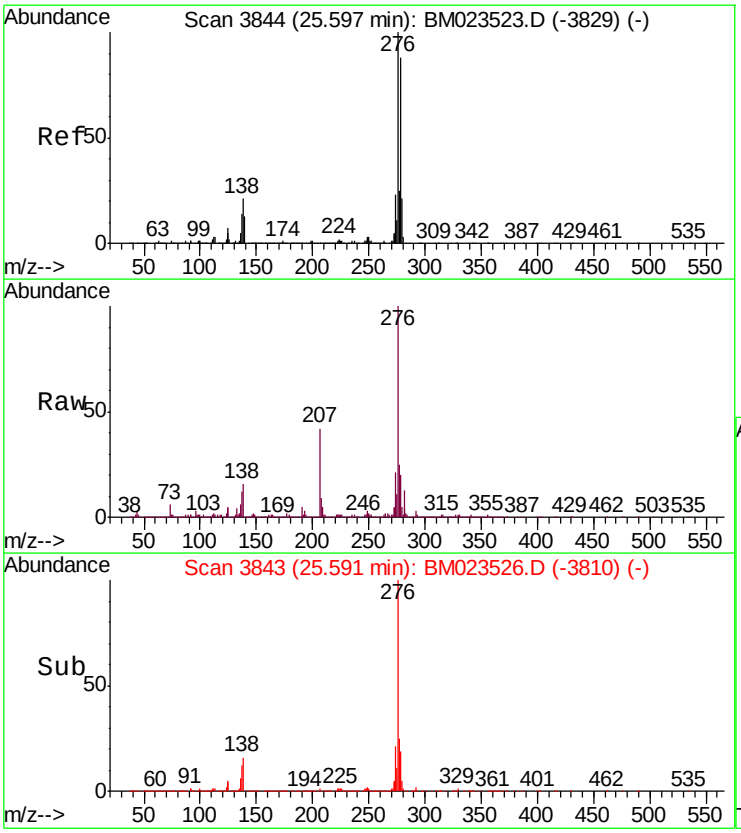
#91
Benzo(a)pyrene
Concen: 18.180 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:252 Resp: 3314631

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.2	7.5	11.3

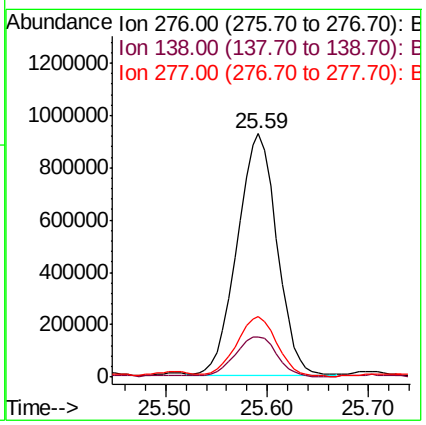


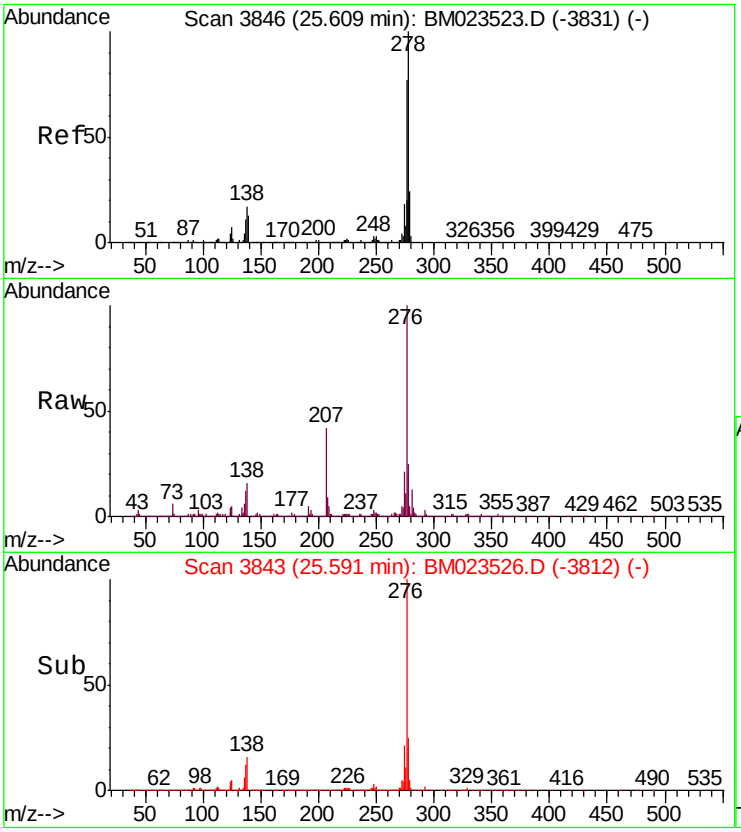


#92
Indeno(1,2,3-cd)pyrene
Concen: 12.793 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:276 Resp: 2525537

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.7	23.5
277	25.1	20.2	30.2



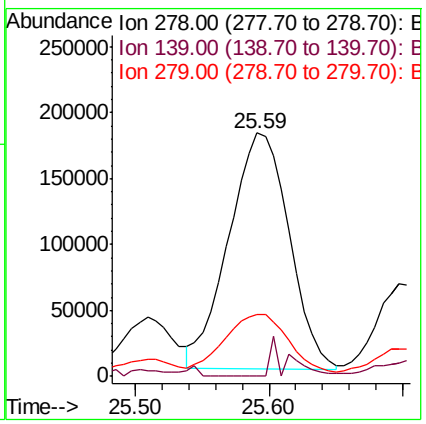


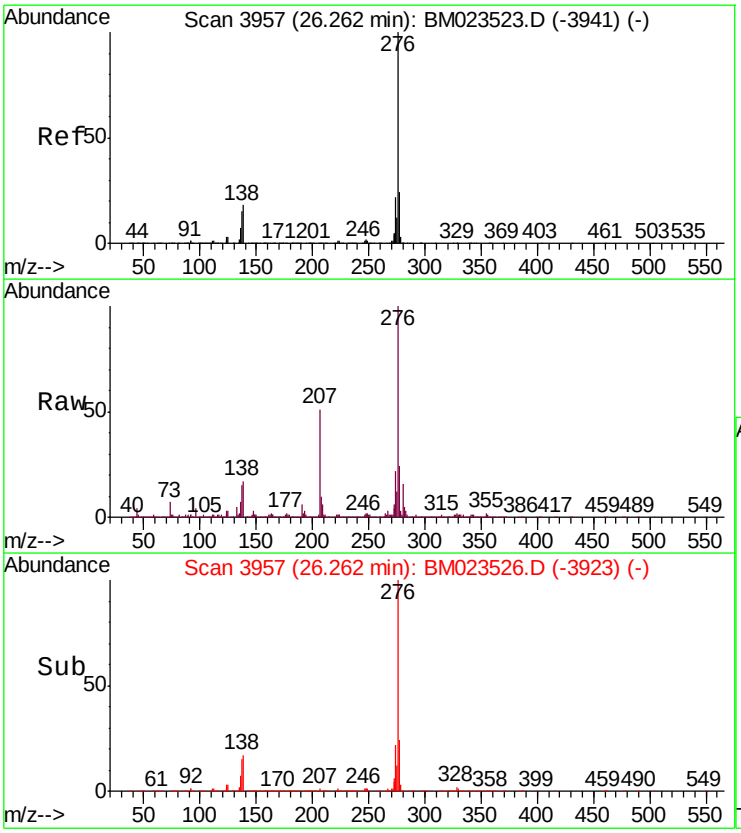
#93
Dibenzo(a,h)anthracene
Concen: 3.396 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.02 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Instrument :
BNA_M
ClientSampleId :
C0003DL

Tgt Ion:278 Resp: 565330

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.9	16.3#
279	25.6	18.7	28.1





#94
Benzo(g,h,i)perylene
Concen: 14.487 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. 0.00 min
Lab File: BM023526.D
Acq: 31 Oct 2019 19:03

Tgt Ion:276 Resp: 2326778

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.4	21.6
277	24.1	19.0	28.6