Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023834.D
Acq On : 21 Nov 2019 18:07
Operator : JU
Sample : K5851-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 22 05:50:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	310083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1255143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	767002	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	1634172	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1565899	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1963331	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25463	3.38	ng/uL	0.00
5) Phenol-d5	6.70	99	521559	18.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	297586	18.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	427751	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	396083	17.57	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	198888	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	212096	22.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	416412	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	443589	18.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1245896	20.83	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1532578	22.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	132455	12.97	ng/ul	0.00
58) Fluorene-d10	15.17	176	1156901	21.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	74091	7.84	ng/ul	0.00
71) Anthracene-d10	17.02	188	1782515	22.99	ng/ul	0.00
79) Pyrene-d10	19.33	212	1943571	23.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2380703	23.04	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.64	163	442000	7.541	ng/ul	100
70) Phenanthrene	16.97	178	114158	1.268	ng/ul	97
77) Fluoranthene	18.99	202	226230	2.346	ng/ul	97
80) Pyrene	19.36	202	261701	2.586	ng/ul	97
81) Butylbenzylphthalate	20.28	149	47781	1.490	ng/ul	93
83) Benzo(a)anthracene	21.11	228	151830	1.470	ng/ul#	92
84) Bis(2-ethylhexyl)phthalate	21.07	149	230675	4.766	ng/ul	100
85) Chrysene	21.17	228	226820	2.333	ng/ul#	92
88) Benzo(b)fluoranthene	22.65	252	345095	2.757	ng/ul#	81
89) Benzo(k)fluoranthene	22.65	252	345095	2.862	ng/ul#	79
91) Benzo(a)pyrene	23.19	252	161899	1.413	ng/ul#	67
92) Indeno(1,2,3-cd)pyrene	25.42	276	164712	1.344	ng/ul#	92
94) Benzo(g,h,i)perylene	26.07	276	177062	1.784	ng/ul#	91

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

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Instrument :
BNA_M
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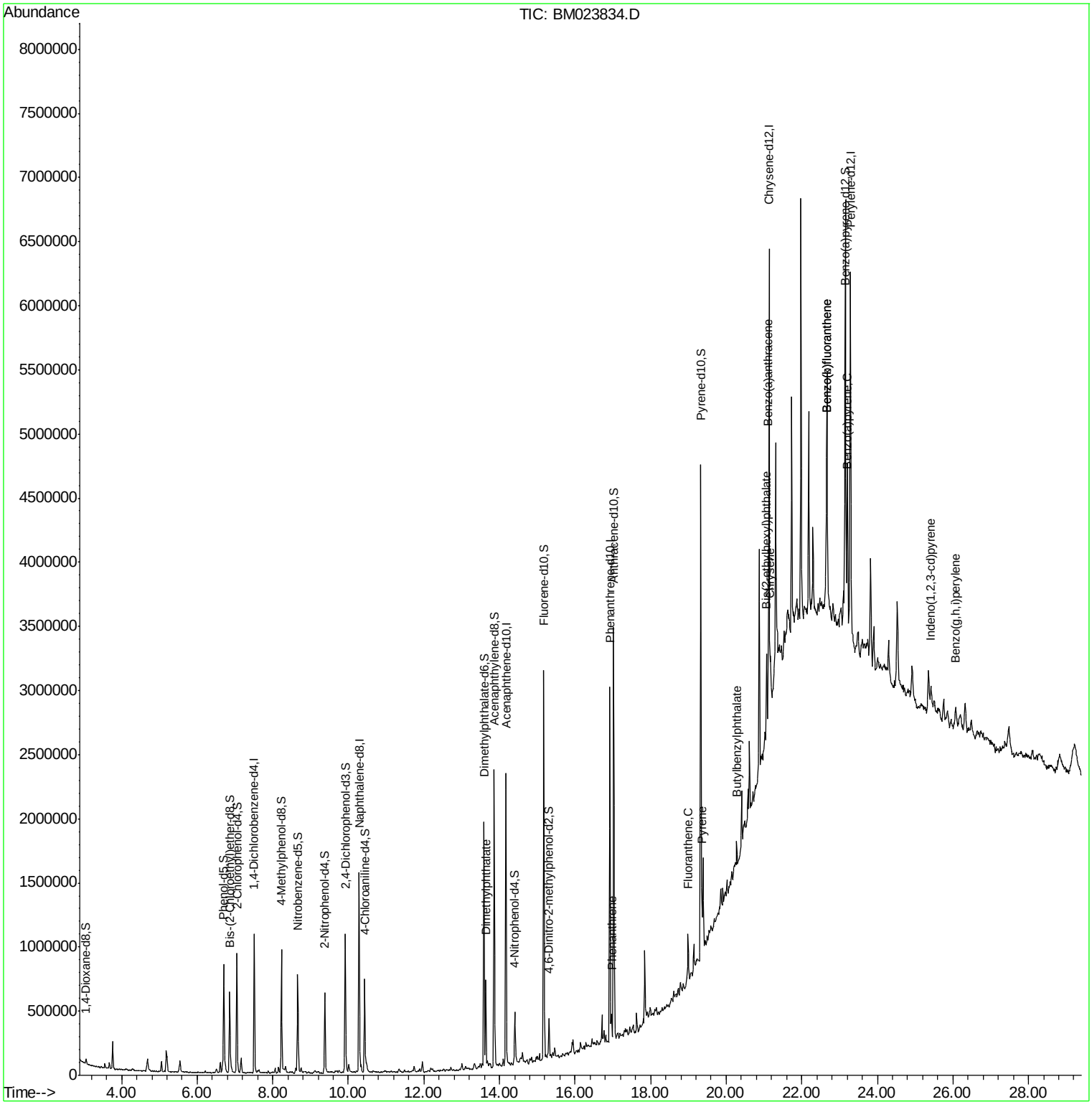
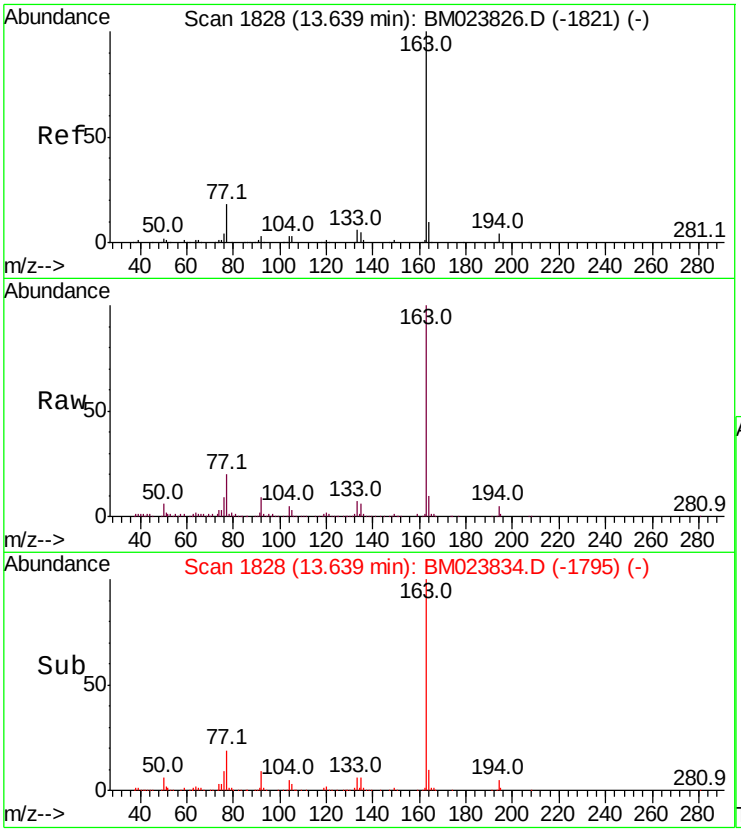
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration



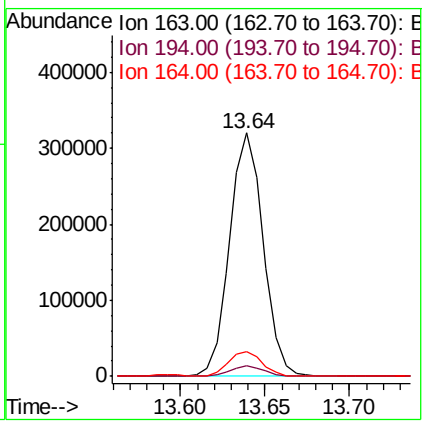


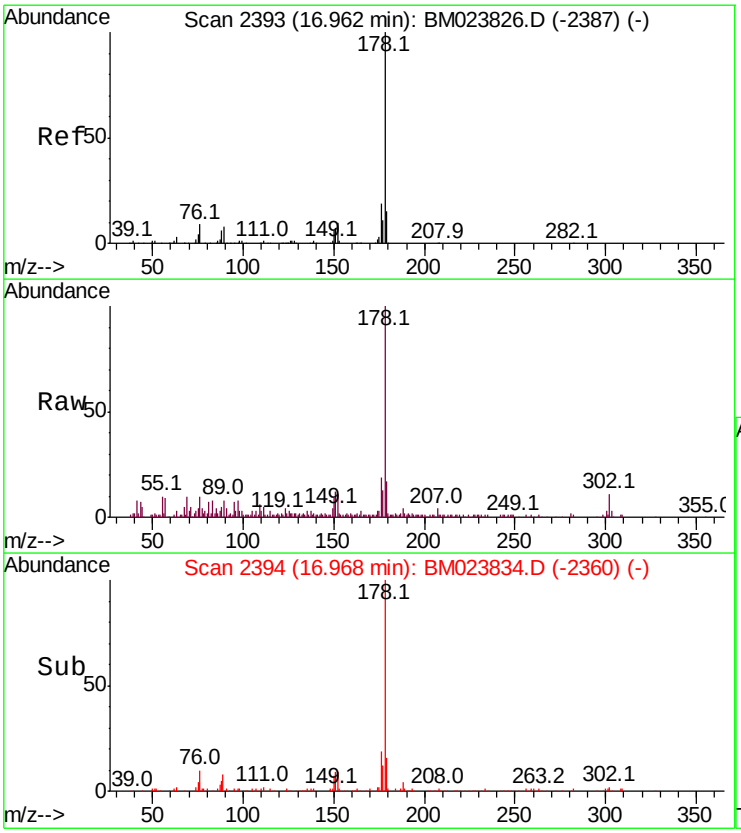
#45
Dimethylphthalate
Concen: 7.541 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 442000

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.0	12.0

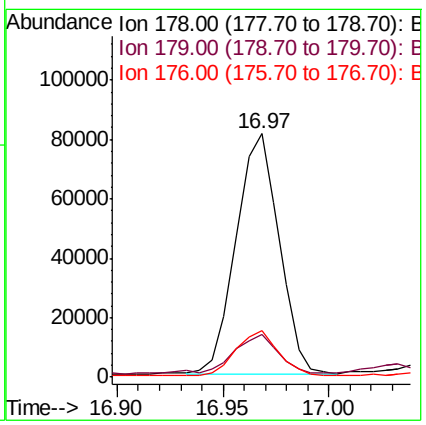


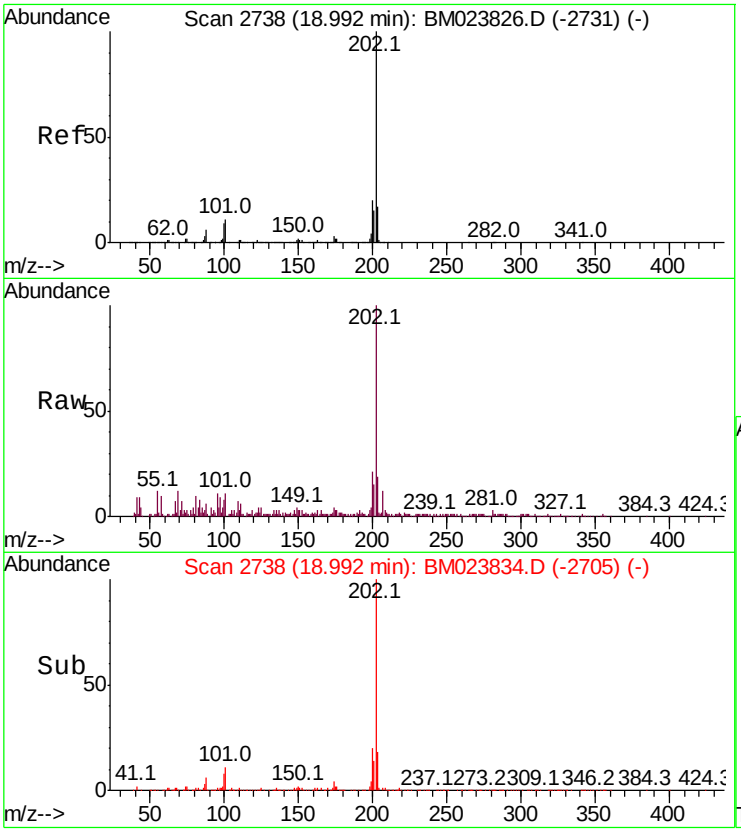


#70
Phenanthrene
Concen: 1.268 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:178 Resp: 114158

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.3	18.5
176	19.1	15.0	22.6



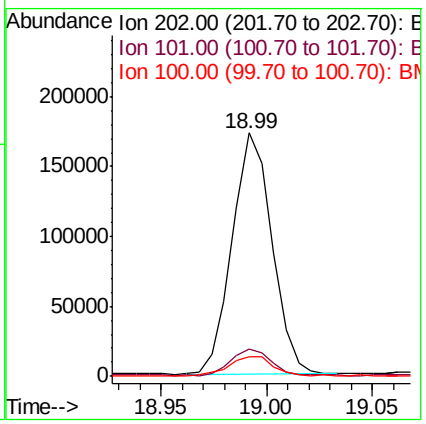


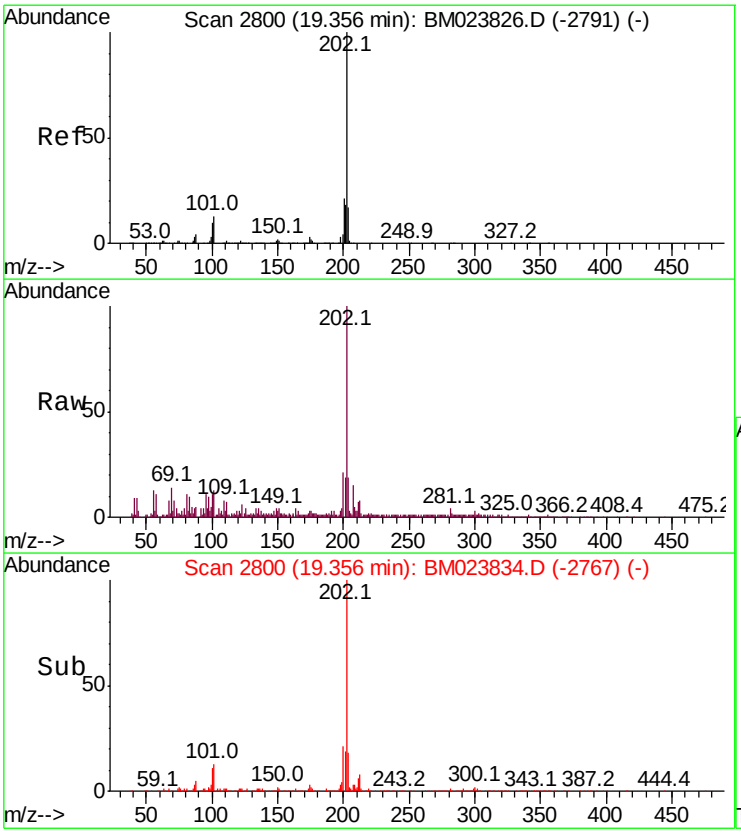
#77
Fluoranthene
Concen: 2.346 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 226230

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.7	11.5
100	7.9	6.0	9.0

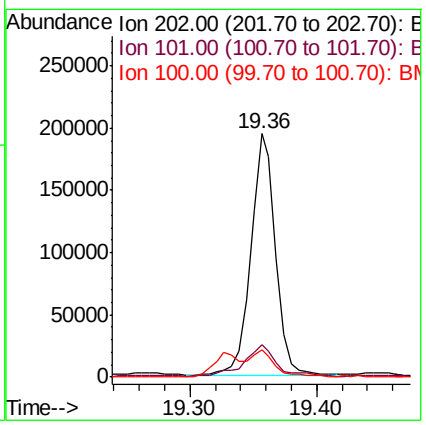


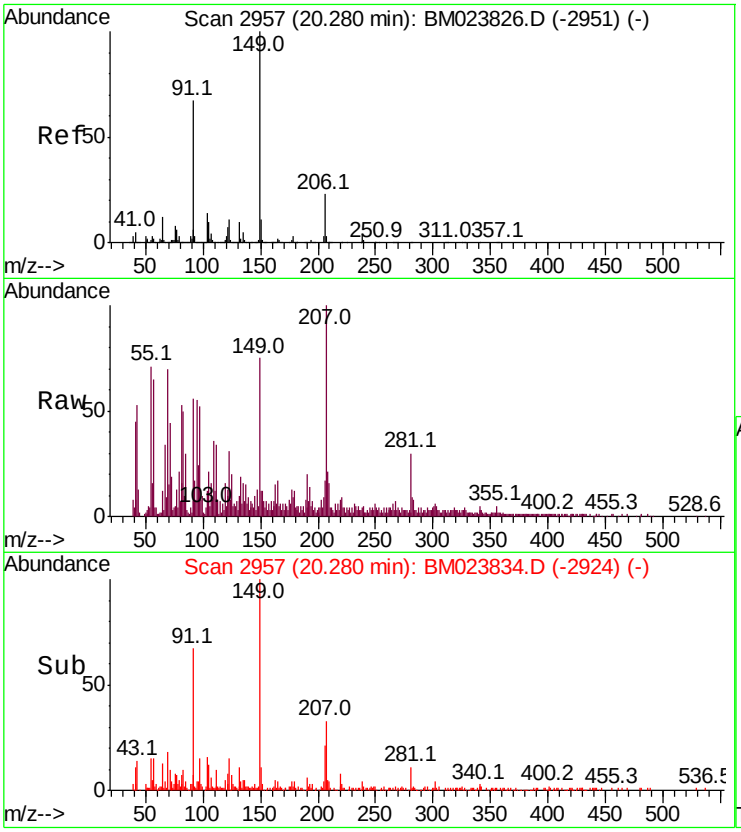


#80
Pyrene
Concen: 2.586 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:202 Resp: 261701

Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.6
100	11.0	8.1	12.1



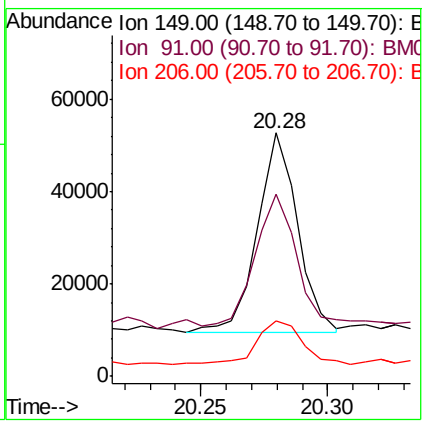


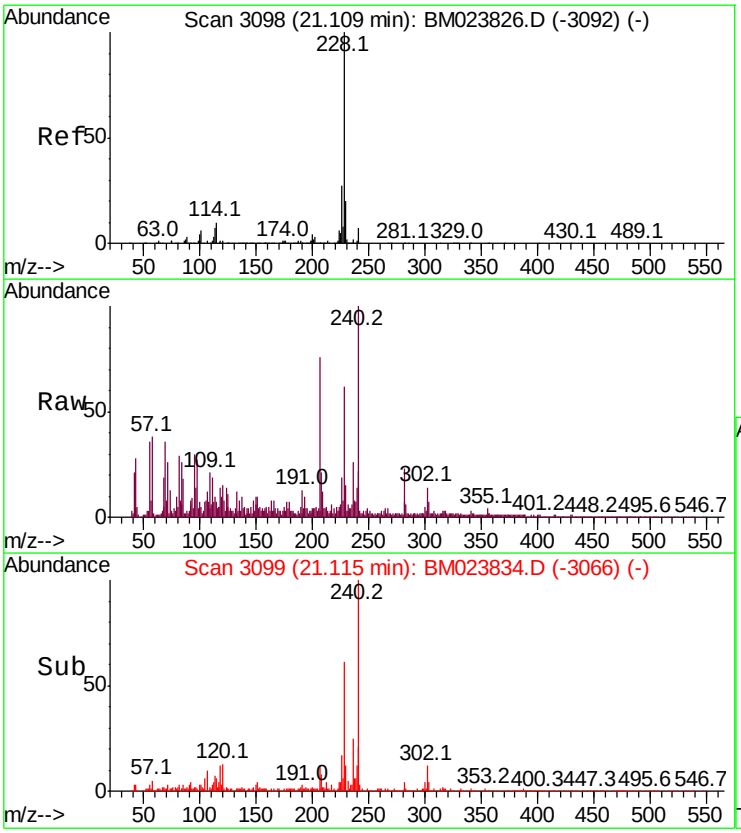
#81
Butylbenzylphthalate
Concen: 1.490 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 47781

Ion	Ratio	Lower	Upper
149	100		
91	75.0	54.9	82.3
206	22.5	19.3	28.9

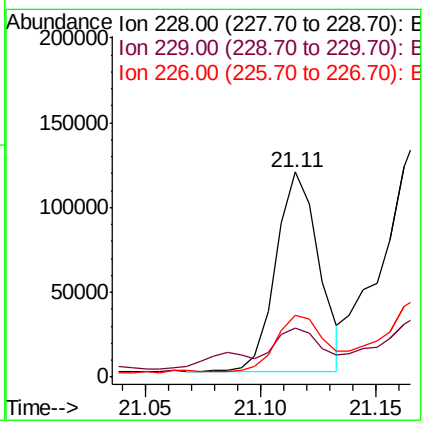


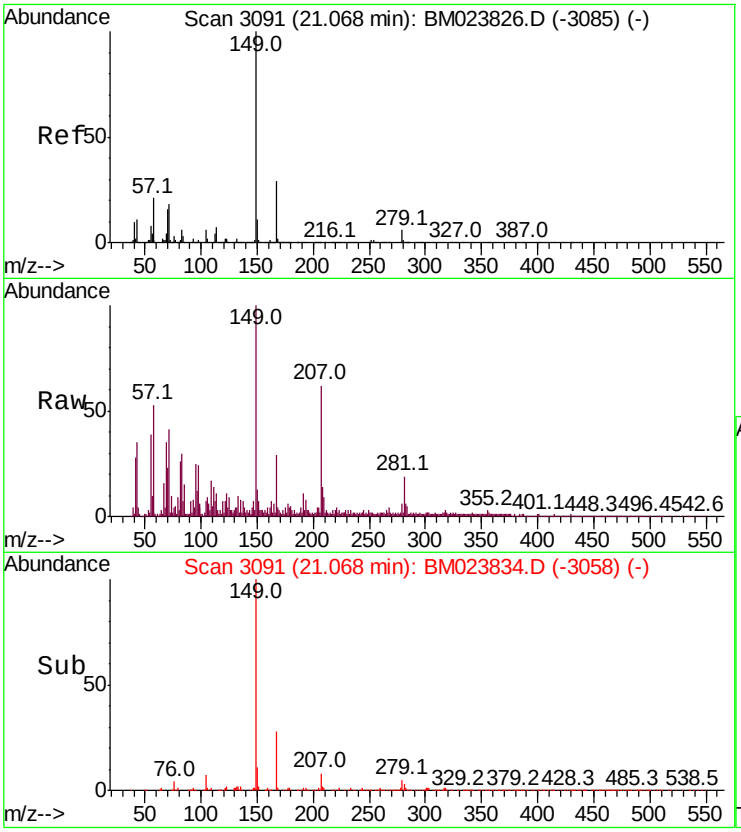


#83
Benzo(a)anthracene
Concen: 1.470 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:228 Resp: 151830

Ion	Ratio	Lower	Upper
228	100		
229	23.9	15.6	23.4#
226	30.1	21.4	32.2



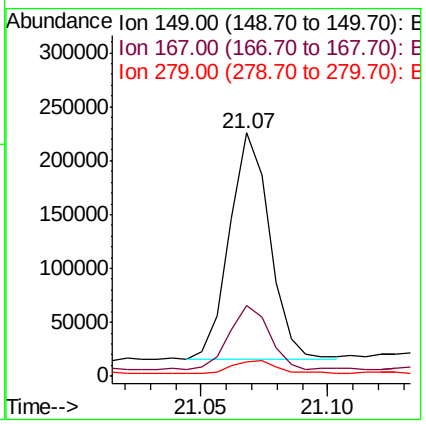


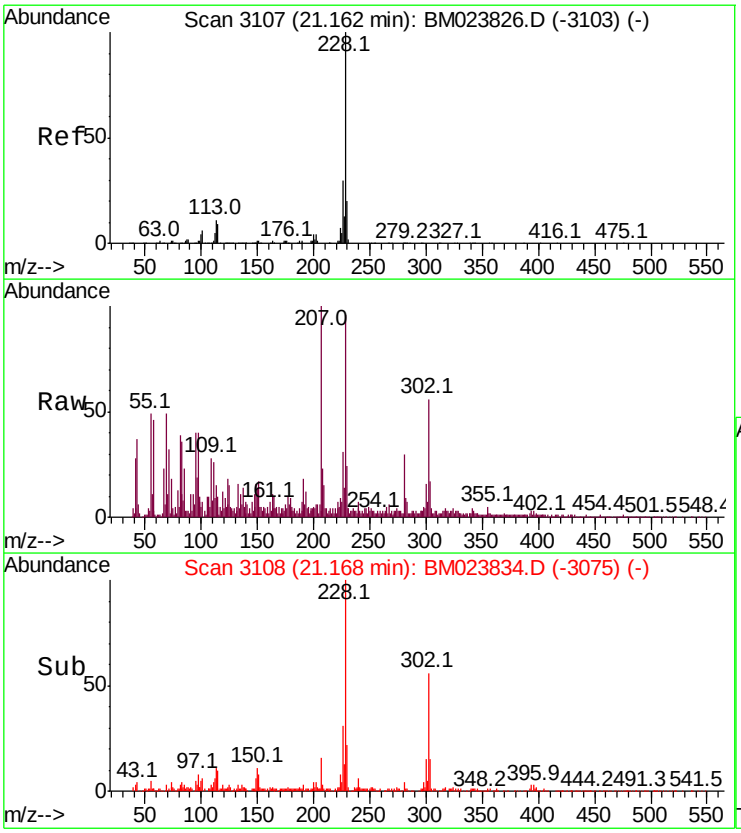
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.766 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 230675

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.2
279	6.0	5.0	7.4

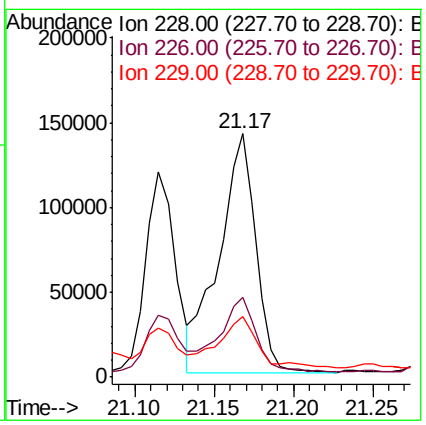


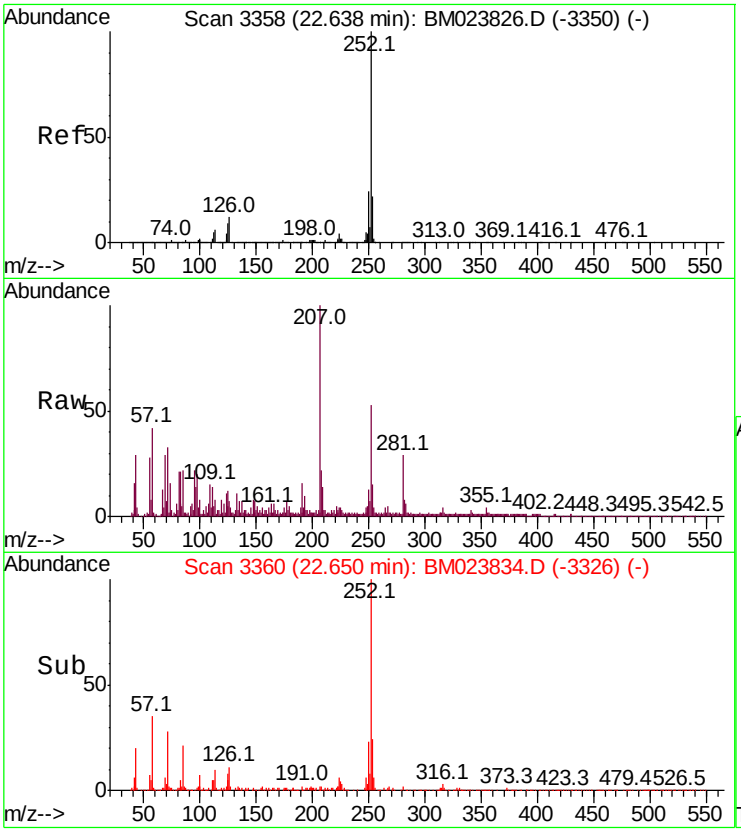


#85
Chrysene
Concen: 2.333 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:228 Resp: 226820

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.8	35.8
229	24.9	15.8	23.6#



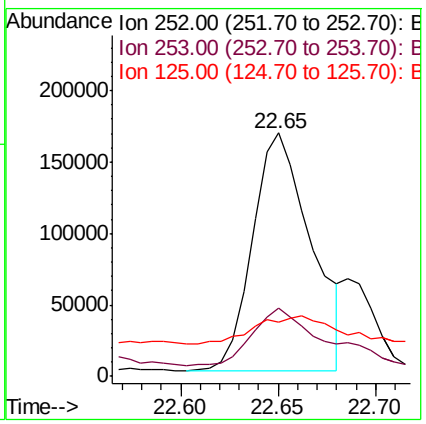


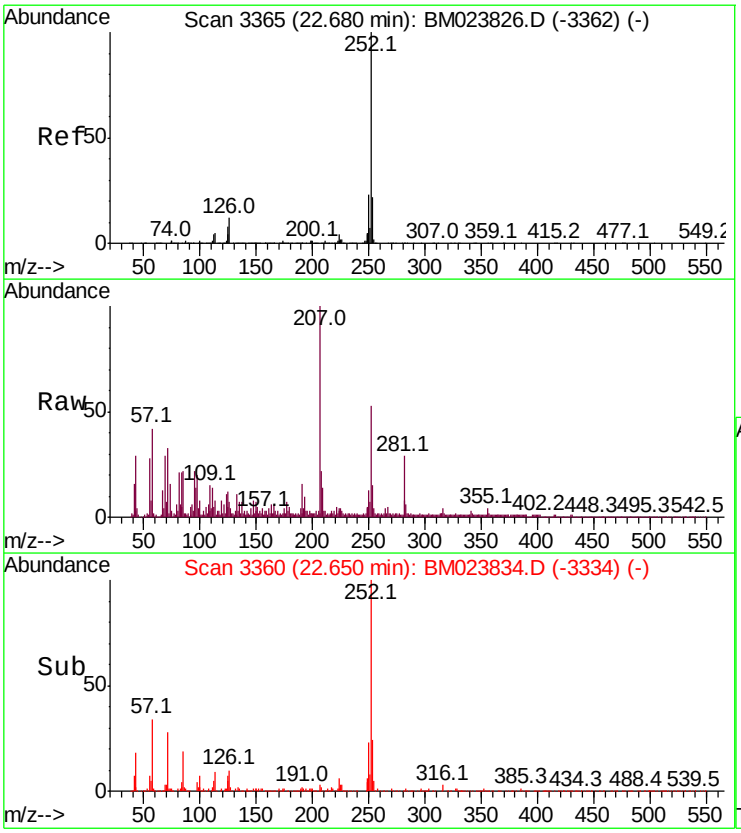
#88
Benzo(b)fluoranthene
Concen: 2.757 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.00 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 345095

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.8	26.8#
125	22.0	6.5	9.7#

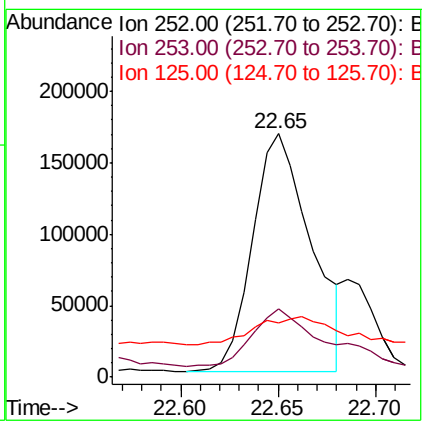


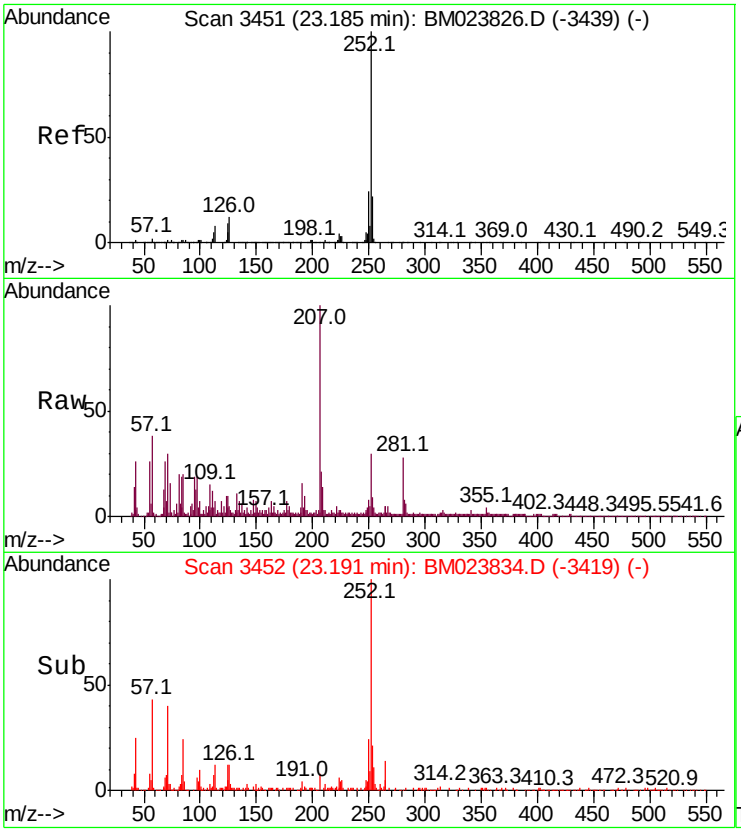


#89
Benzo(k)fluoranthene
Concen: 2.862 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:252 Resp: 345095

Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.2	25.8#
125	22.0	5.9	8.9#



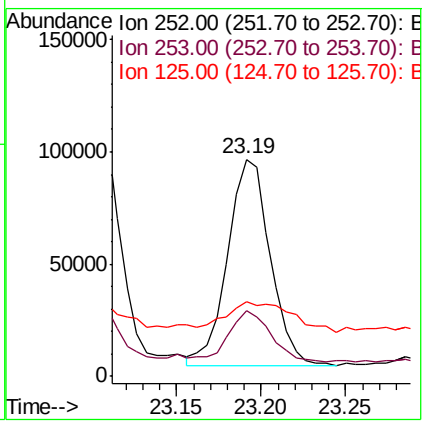


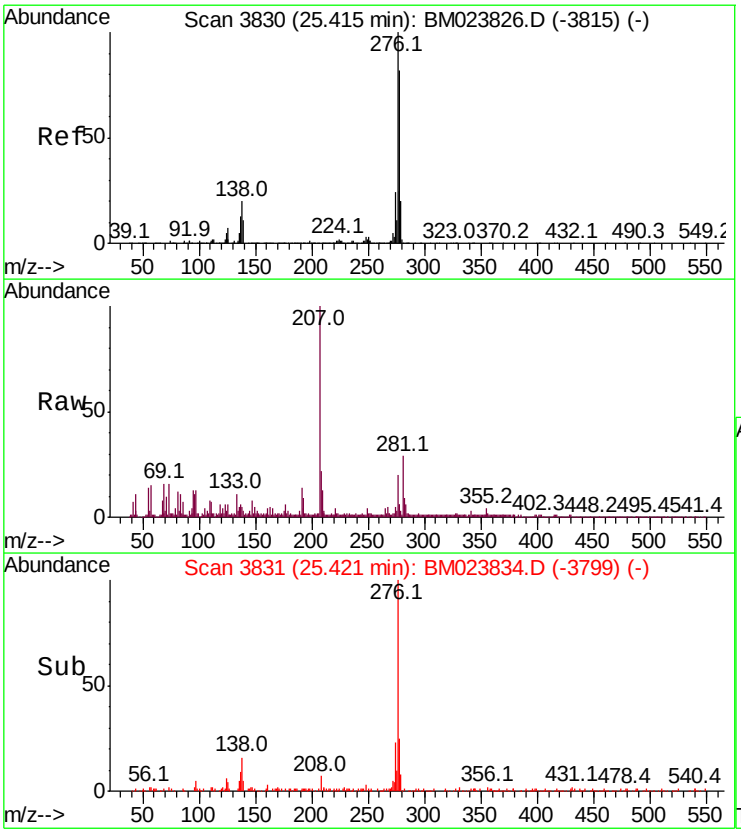
#91
Benzo(a)pyrene
Concen: 1.413 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 161899

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.3	25.9#
125	34.6	6.9	10.3#

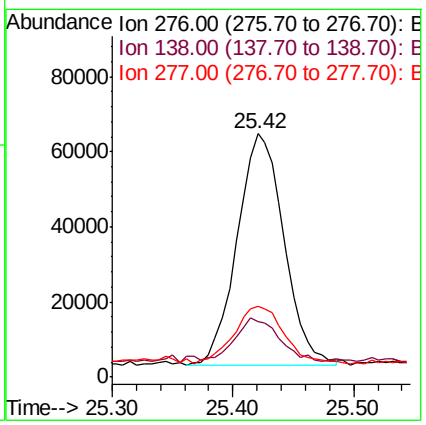


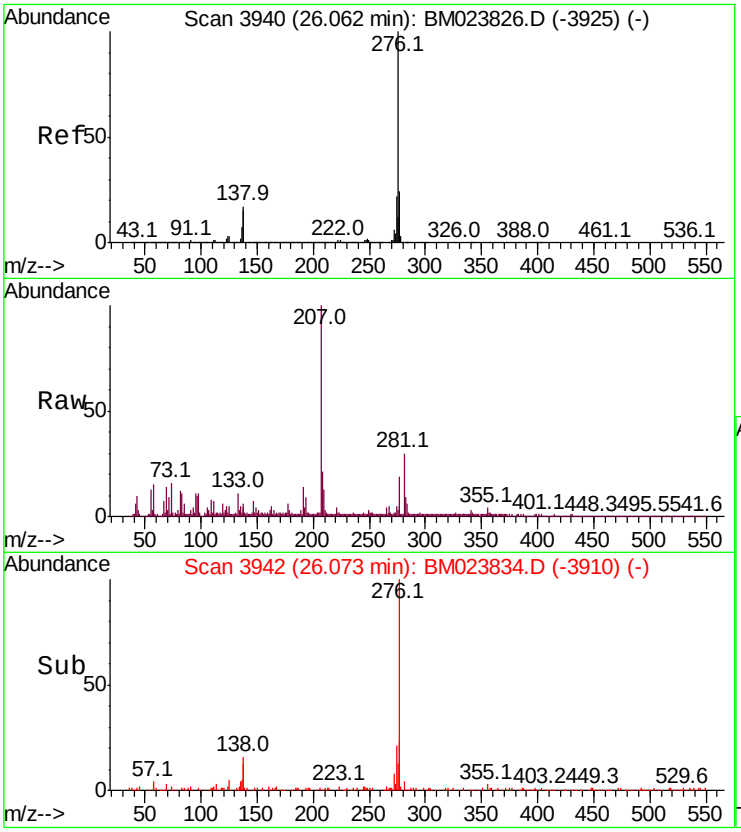


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.344 ng/ul
RT: 25.42 min Scan# 3831
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Tgt Ion:276 Resp: 164712

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.0	22.4#
277	29.0	20.0	30.0





#94
Benzo(g,h,i)perylene
Concen: 1.784 ng/ul
RT: 26.07 min Scan# 3942
Delta R.T. -0.01 min
Lab File: BM023834.D
Acq: 21 Nov 2019 18:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 177062

Ion	Ratio	Lower	Upper
276	100		
138	22.2	13.2	19.8#
277	26.5	18.6	28.0