Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023837.D
Acq On : 21 Nov 2019 19:55
Operator : JU
Sample : K5851-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AB0

Quant Time: Nov 22 06:14:42 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	7.51	152	323294	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1302093	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	806099	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.92	188	1768586	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1748278	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2140466	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	20358	2.60	ng/uL	0.00
5) Phenol-d5	6.70	99	431630	14.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	253466	14.97	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.05	132	353008	16.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	270364	11.50	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	168998	18.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	187019	19.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	335769	15.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	393786	16.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1056822	16.81	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1258437	17.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	107071	9.98	ng/ul	0.00
58) Fluorene-d10	15.17	176	944805	17.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	75103	7.34	ng/ul	0.00
71) Anthracene-d10	17.02	188	1490696	17.77	ng/ul	0.00
79) Pyrene-d10	19.33	212	1765497	19.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2068901	18.37	ng/ul	-0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.64	163	406085	6.592	ng/ul	98
70) Phenanthrene	16.97	178	132513	1.360	ng/ul	99
77) Fluoranthene	18.99	202	228879	2.193	ng/ul	96
80) Pyrene	19.36	202	211018	1.867	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.07	149	72344	1.339	ng/ul	94
85) Chrysene	21.16	228	120112	1.106	ng/ul	96
88) Benzo(b)fluoranthene	22.64	252	167705	1.229	ng/ul#	91

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

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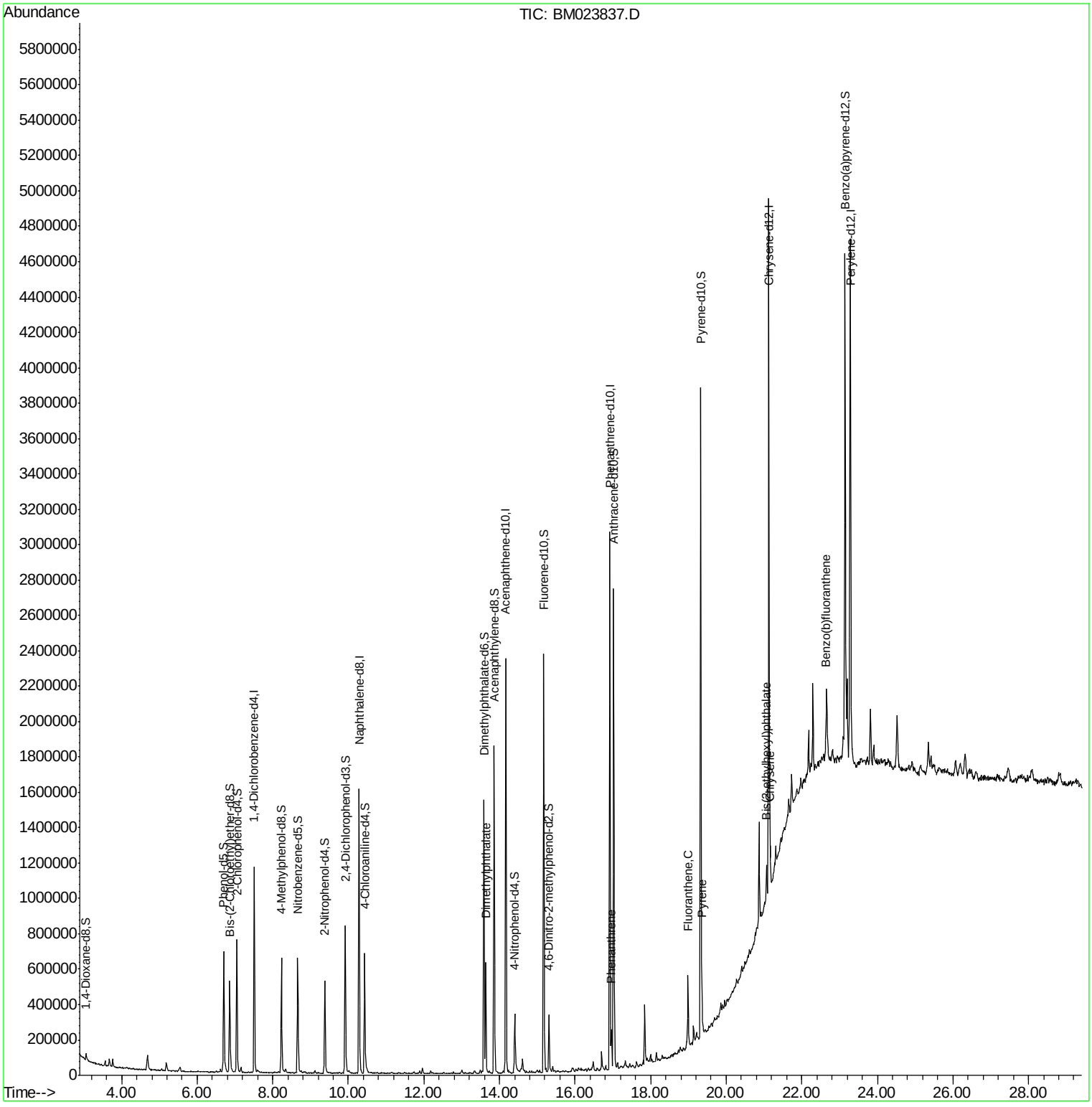
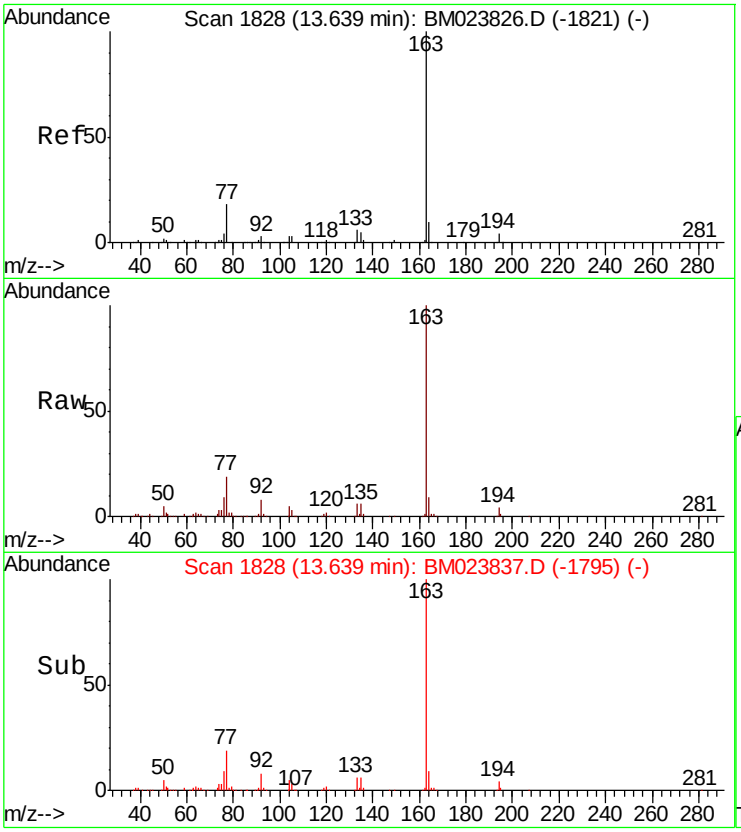


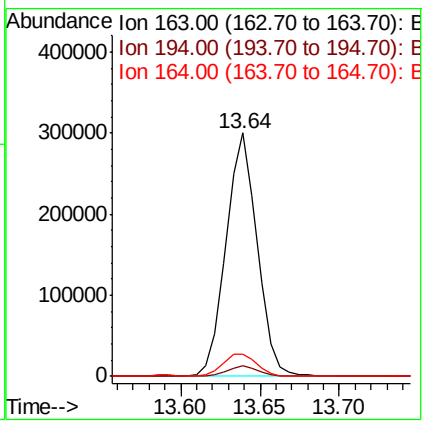


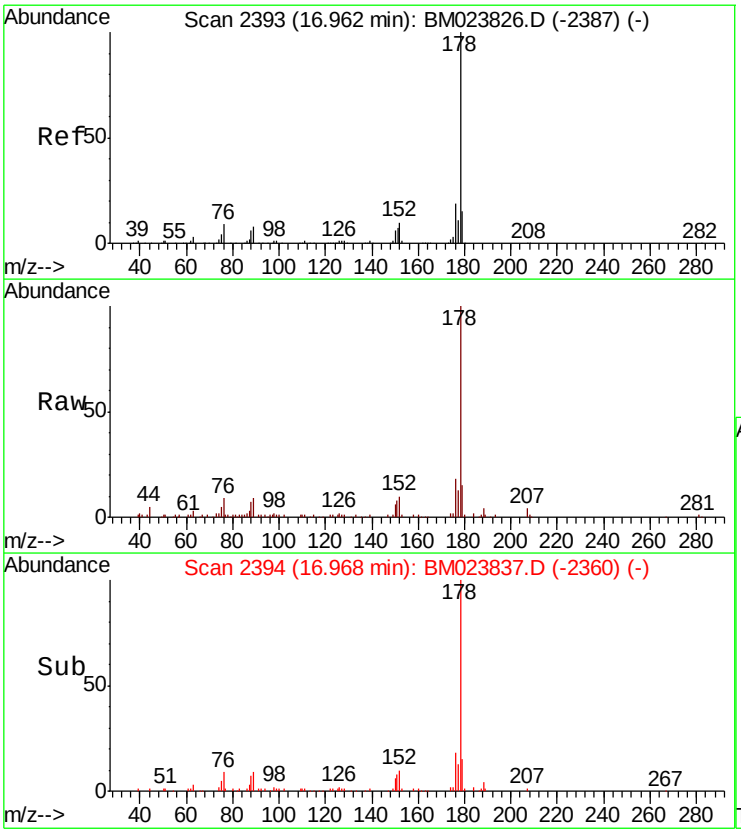
#45
Dimethylphthalate
Concen: 6.592 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:163 Resp: 406085

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.2	8.0	12.0

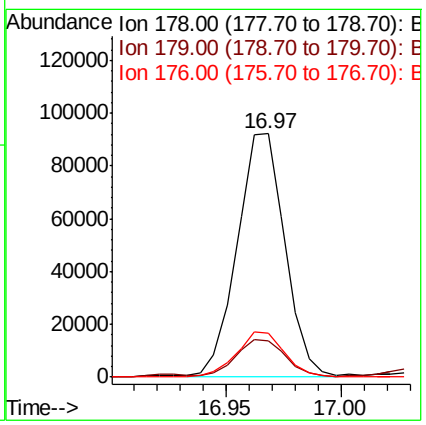


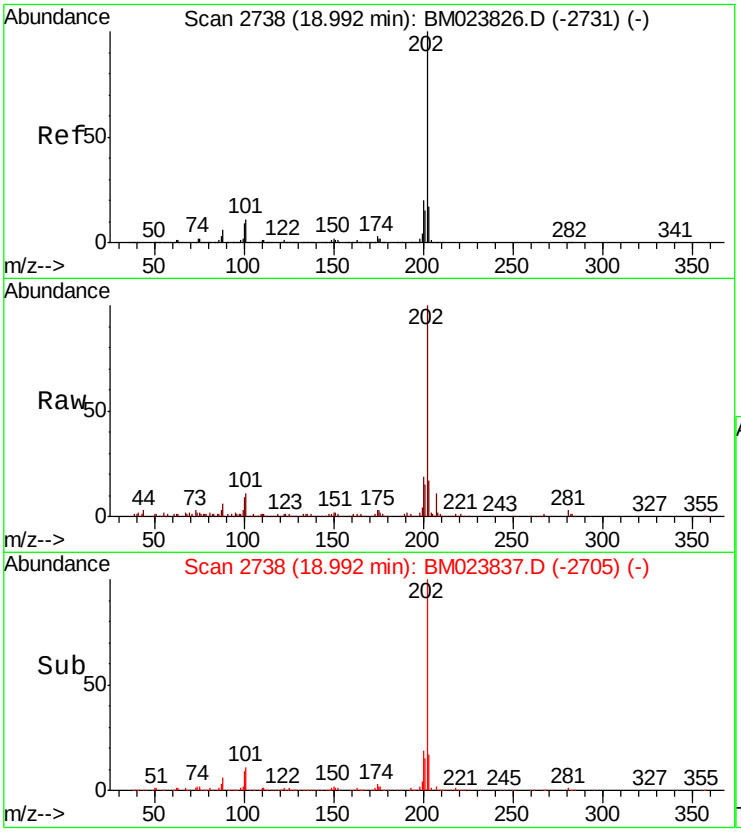


#70
Phenanthrene
Concen: 1.360 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Tgt Ion:178 Resp: 132513

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.1	15.0	22.6



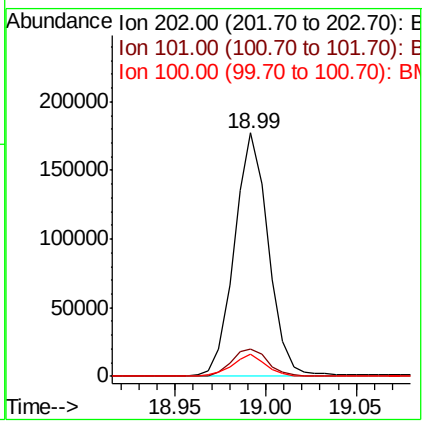


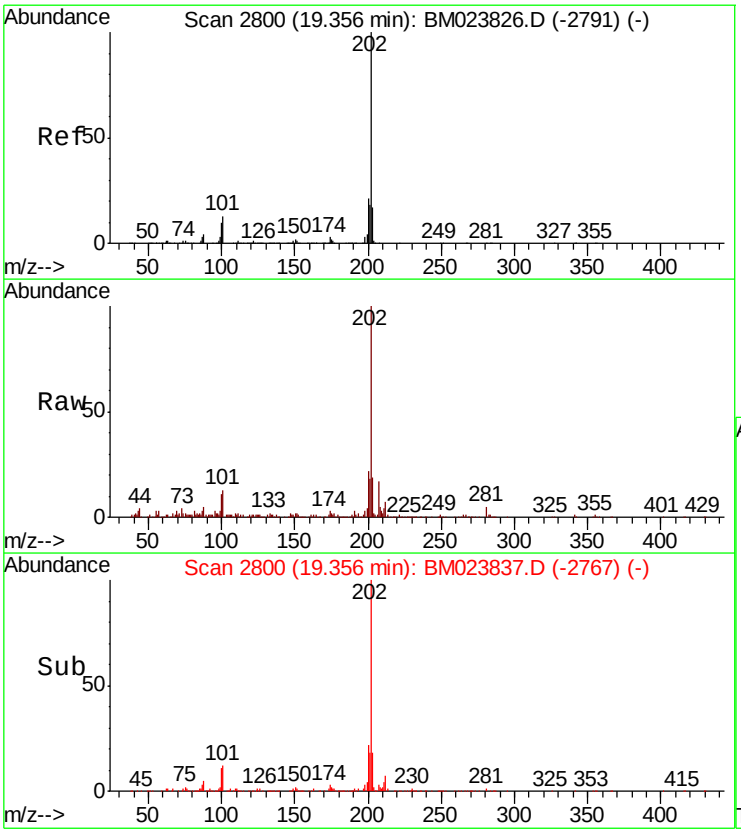
#77
Fluoranthene
Concen: 2.193 ng/ul
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:202 Resp: 228879

Ion	Ratio	Lower	Upper
202	100		
101	11.3	7.7	11.5
100	8.9	6.0	9.0

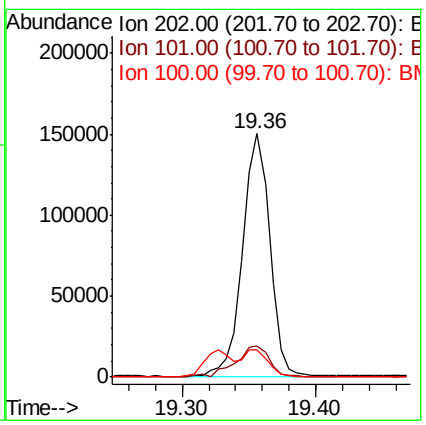


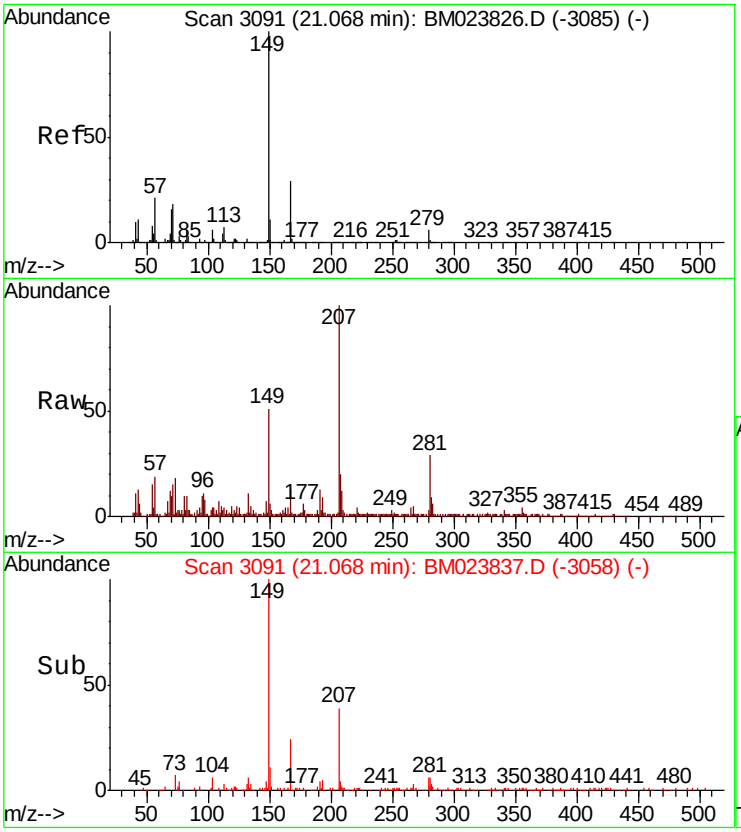


#80
Pyrene
Concen: 1.867 ng/ul
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Tgt Ion:202 Resp: 211018

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
100	11.1	8.1	12.1



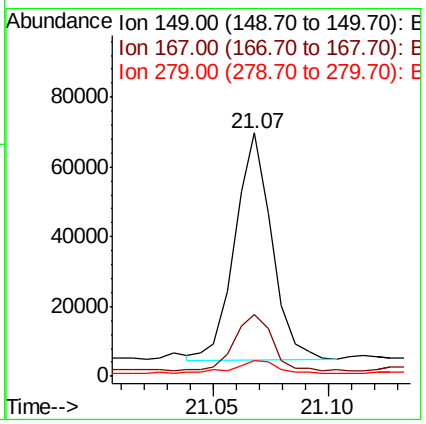


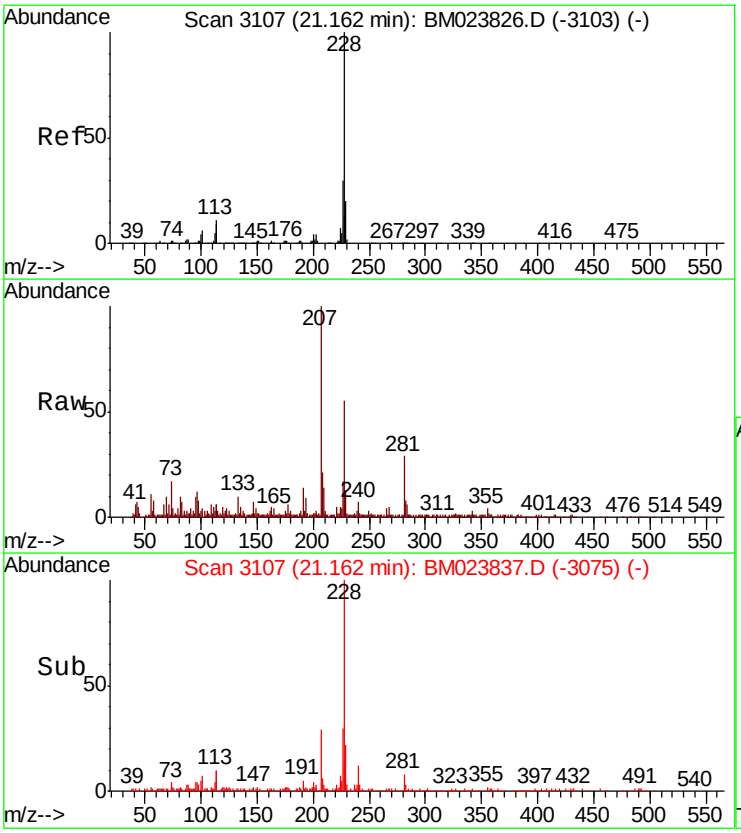
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.339 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:149 Resp: 72344

Ion	Ratio	Lower	Upper
149	100		
167	25.4	23.4	35.2
279	6.4	5.0	7.4

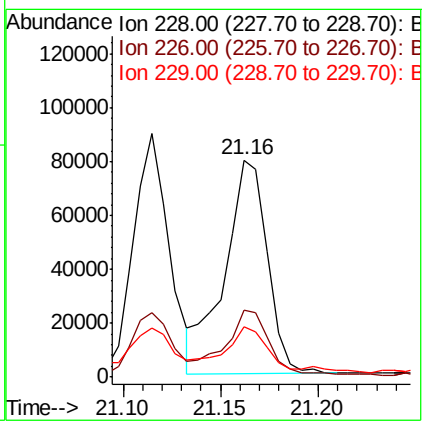


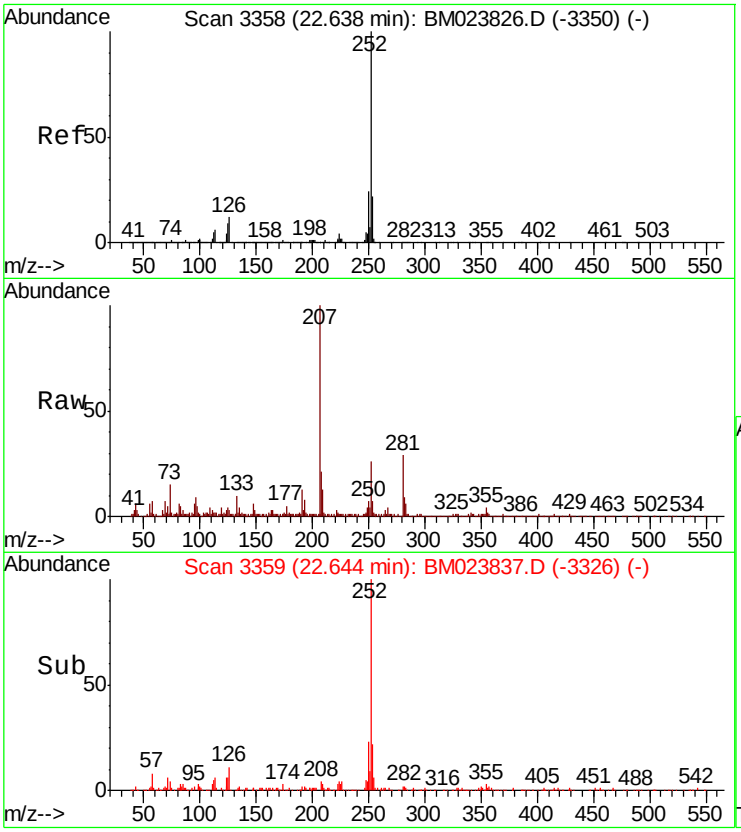


#85
Chrysene
Concen: 1.106 ng/ul
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Tgt Ion:228 Resp: 120112

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	23.1	15.8	23.6





#88
Benzo(b)fluoranthene
Concen: 1.229 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BM023837.D
Acq: 21 Nov 2019 19:55

Instrument :
BNA_M
ClientSampleId :
C0AB0

Tgt Ion:252 Resp: 167705

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.8	26.8
125	14.5	6.5	9.7#