Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021204.D
Acq On : 26 Jun 2019 22:31
Operator : HP/JU
Sample : K3501-09
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD7

Quant Time: Jun 27 04:24:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 00:42:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	239554	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1068610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	718535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1730135	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1388287	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1343217	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	18786	3.72	ng/uL	0.00
5) Phenol-d5	6.93	99	441390	21.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	265800	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	370193	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	388304	22.31	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	201366	23.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	233695	24.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	447836	22.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	504694	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1516162	23.35	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1802524	22.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	170672	16.16	ng/ul	0.00
57) Fluorene-d10	15.40	176	1360168	24.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	176566	16.60	ng/ul	0.00
70) Anthracene-d10	17.25	188	2160538	24.03	ng/ul	0.00
78) Pyrene-d10	19.55	212	2316017	27.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1930105	24.36	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	6.96	94	20789	1.054	ng/ul	93
44) Dimethylphthalate	13.87	163	504936	8.544	ng/ul	100
76) Fluoranthene	19.21	202	249156	2.410	ng/ul	99
79) Pyrene	19.57	202	214512	2.186	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	60952	1.178	ng/ul	100
84) Chrysene	21.37	228	103559	1.168	ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	125812	1.479	ng/ul#	95

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

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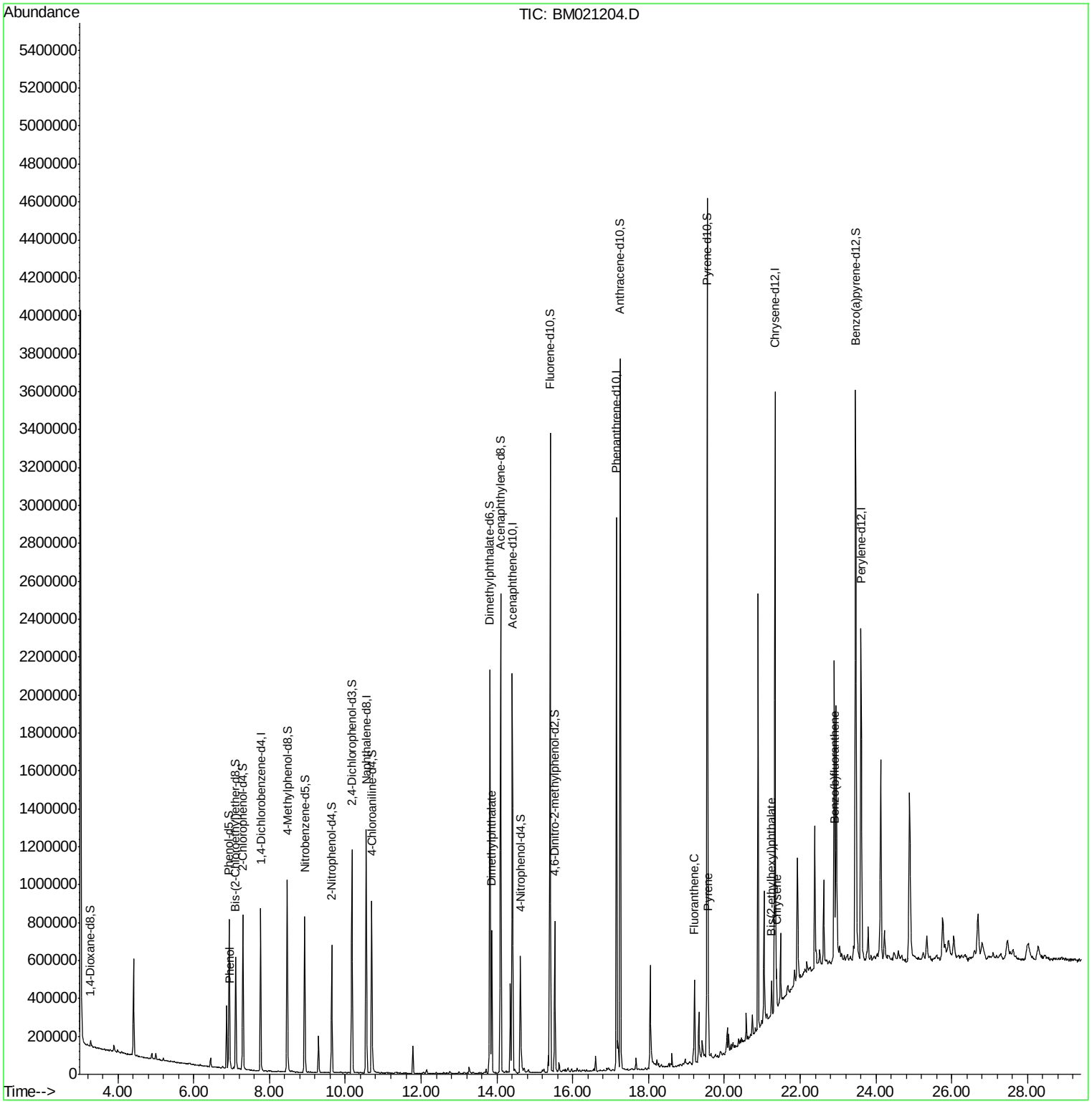
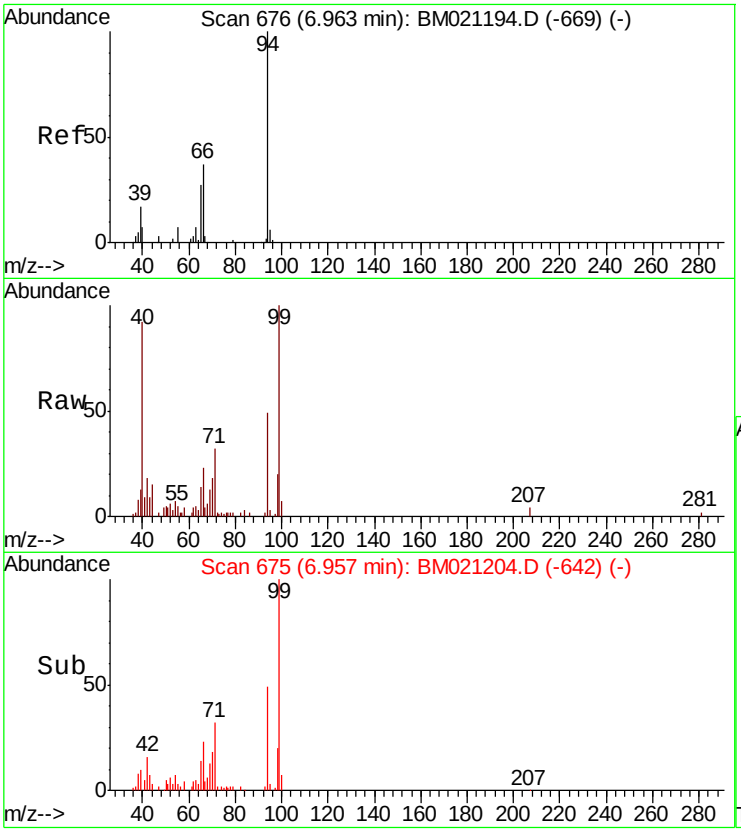


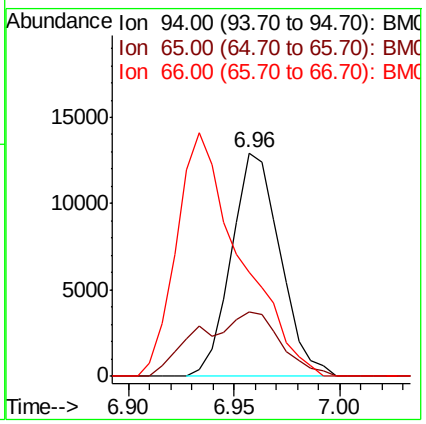


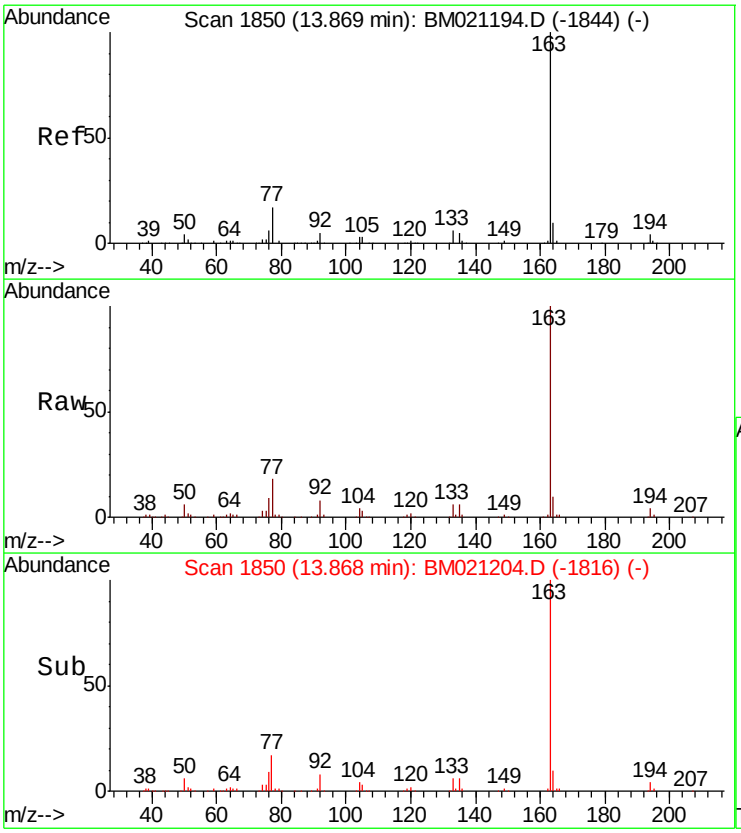
#6
Phenol
Concen: 1.054 ng/ul
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Instrument :
BNA_M
ClientSampleId :
C5AD7

Tgt Ion: 94 Resp: 20789

Ion	Ratio	Lower	Upper
94	100		
65	28.6	22.6	34.0
66	46.6	31.2	46.8

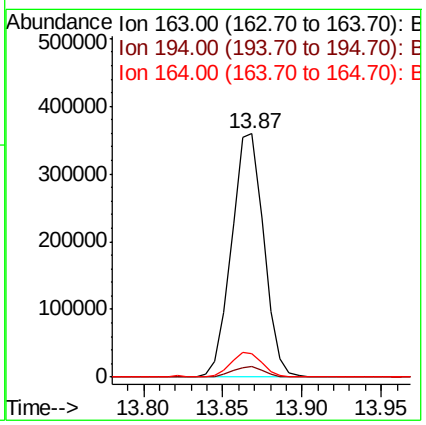


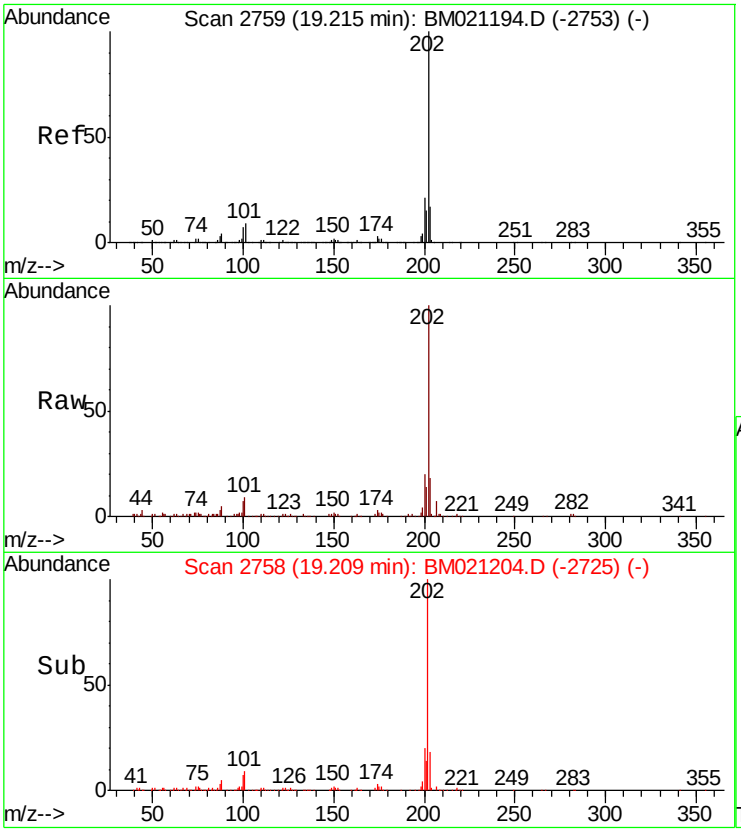


#44
Dimethylphthalate
Concen: 8.544 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Tgt Ion:163 Resp: 504936

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.6	7.7	11.5



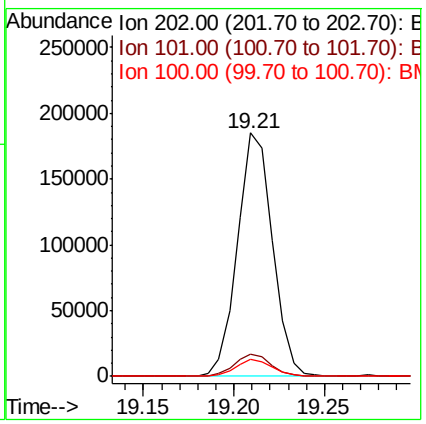


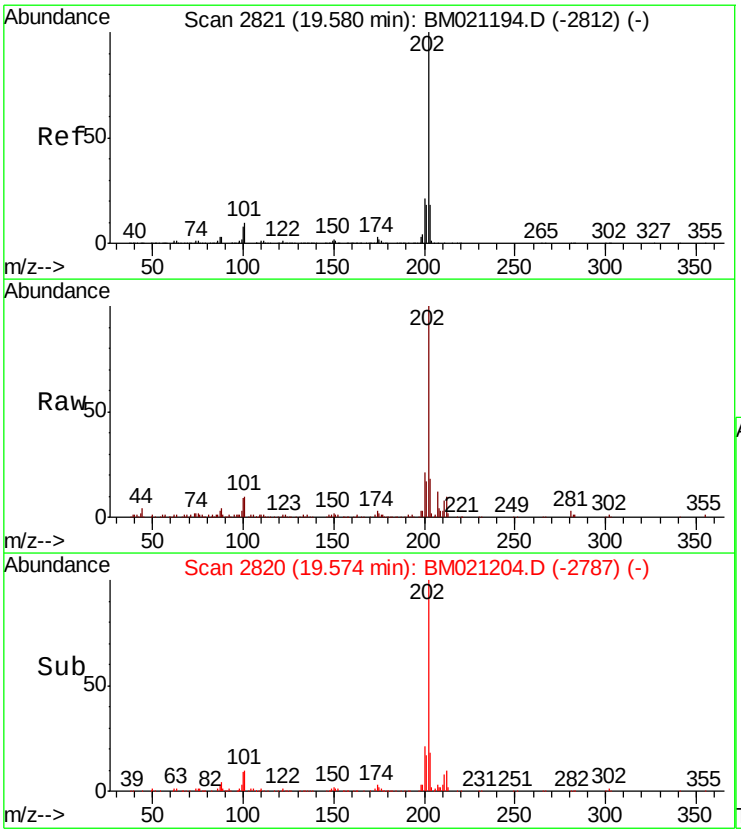
#76
Fluoranthene
Concen: 2.410 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Instrument :
BNA_M
ClientSampleId :
C5AD7

Tgt Ion:202 Resp: 249156

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.7	10.1
100	6.8	5.5	8.3

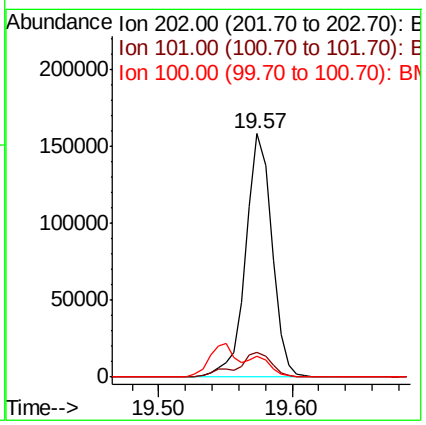


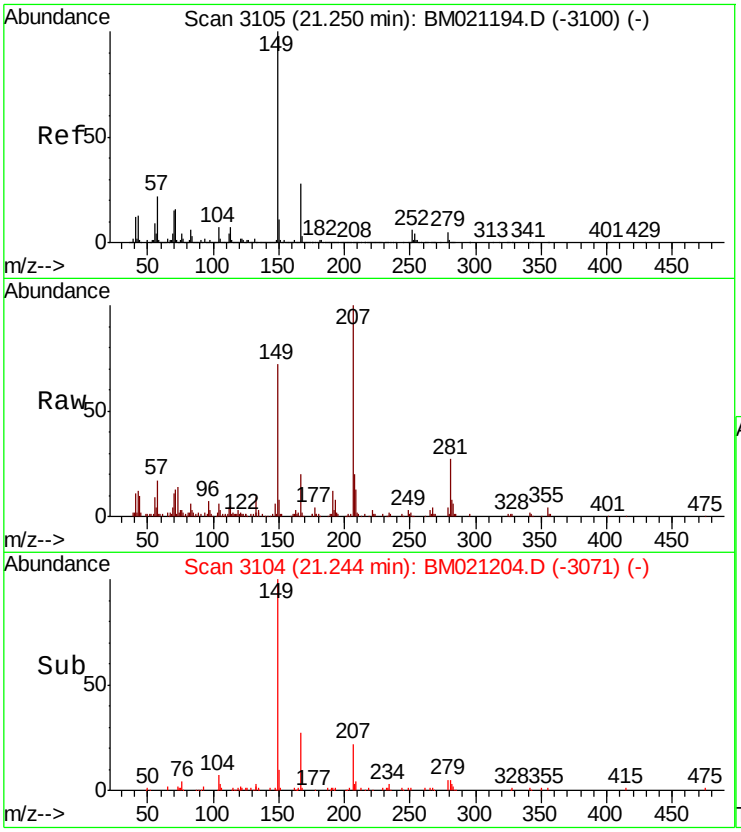


#79
Pyrene
Concen: 2.186 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Tgt Ion:202 Resp: 214512

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.1	12.1
100	8.8	6.6	10.0



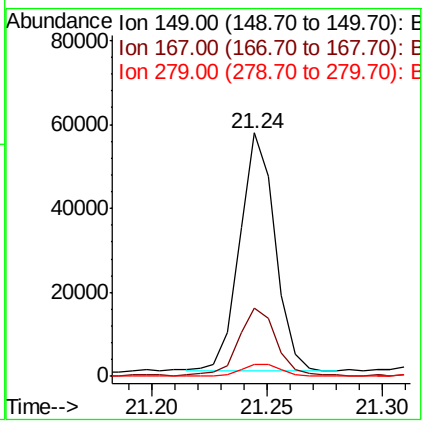


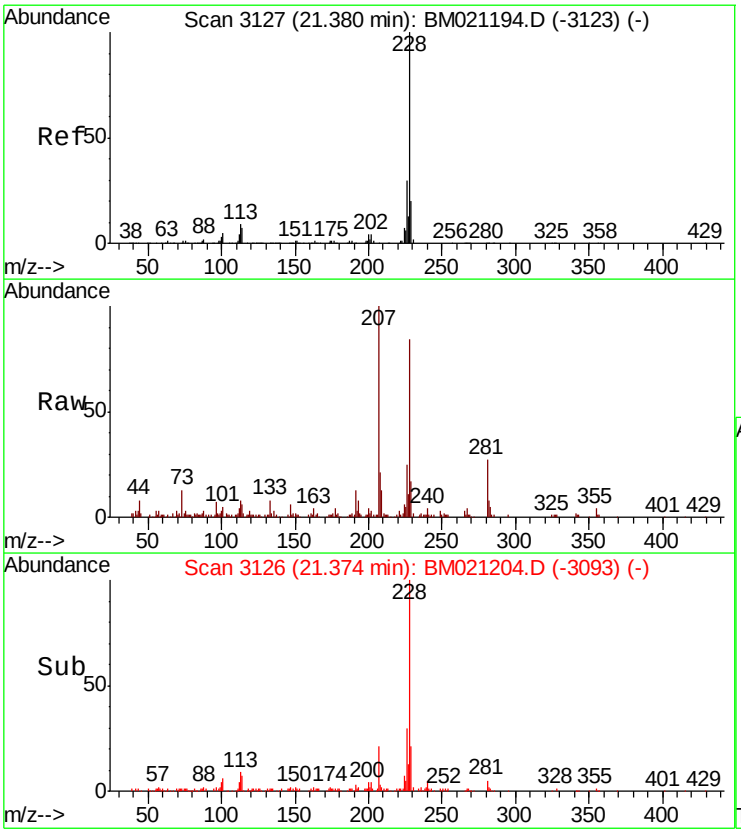
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.178 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Instrument :
BNA_M
ClientSampleId :
C5AD7

Tgt Ion:149 Resp: 60952

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.9	3.8	5.6

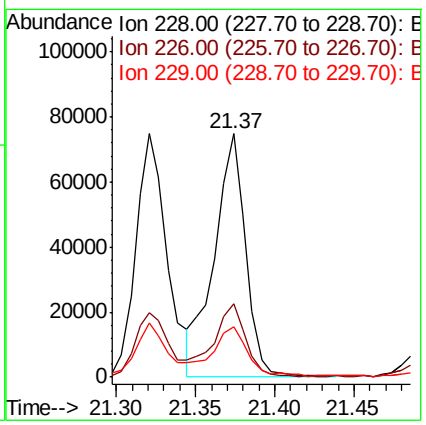


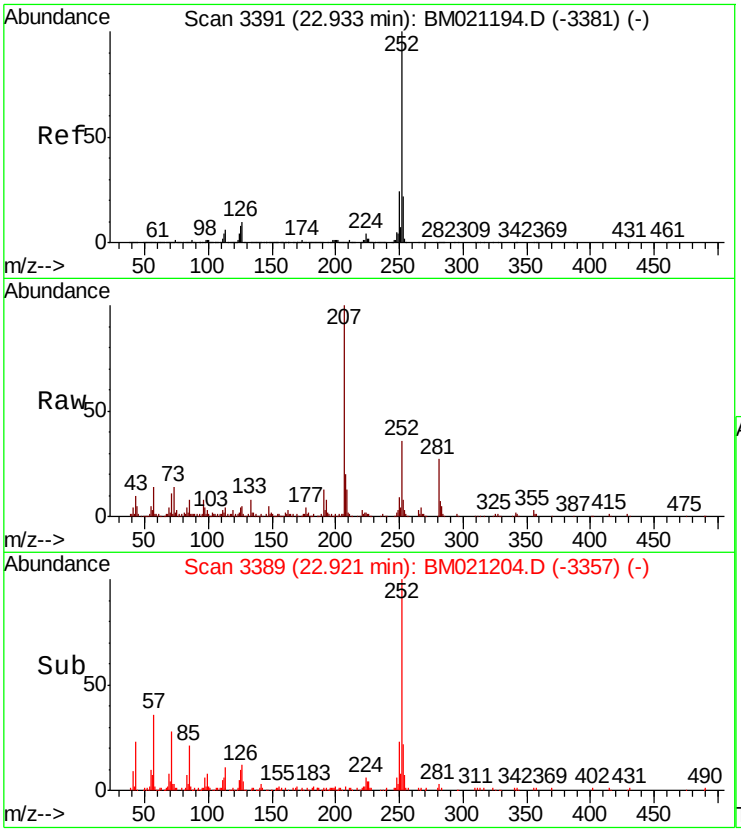


#84
Chrysene
Concen: 1.168 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Tgt Ion:228 Resp: 103559

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	20.7	15.4	23.2





#87
Benzo(b)fluoranthene
Concen: 1.479 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM021204.D
Acq: 26 Jun 2019 22:31

Instrument :
BNA_M
ClientSampleId :
C5AD7

Tgt Ion:252 Resp: 125812

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.1	6.3	9.5#