Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021216.D
Acq On : 27 Jun 2019 14:44
Operator : HP/JU
Sample : K3502-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD2

Manual Integrations APPROVED
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Quant Time: Jun 27 15:24:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 15:09:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	244362	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1100687	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	707936	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1618975	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1189703	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1250886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	16820	3.27	ng/uL	0.00
5) Phenol-d5	6.93	99	363689	17.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	234079	18.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	314964	18.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	294029	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	170860	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	195006	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	381176	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	381366	18.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1358350	21.24	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1528019	19.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	138382	13.30	ng/ul	0.00
57) Fluorene-d10	15.40	176	1159823	20.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	144577	14.53	ng/ul	0.00
70) Anthracene-d10	17.25	188	1749621	20.80	ng/ul	0.00
78) Pyrene-d10	19.54	212	1703383	23.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1491304	20.21	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	272621	4.682	ng/ul	100
69) Phenanthrene	17.19	178	589472	6.584	ng/ul	99
71) Anthracene	17.29	178	109377	1.199	ng/ul	99
76) Fluoranthene	19.21	202	1011570	10.456	ng/ul	99
79) Pyrene	19.57	202	780291	9.277	ng/ul	99
82) Benzo(a)anthracene	21.32	228	336849	4.153	ng/ul	98
84) Chrysene	21.37	228	366024	4.818	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	445841	5.627	ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	161310m	2.116	ng/ul	
90) Benzo(a)pyrene	23.51	252	255741	3.429	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	183964	2.095	ng/ul#	95
93) Benzo(g,h,i)perylene	26.60	276	145380	2.010	ng/ul	98

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

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Instrument :
BNA_M
ClientSampleId :
C5AD2

Manual Integrations APPROVED
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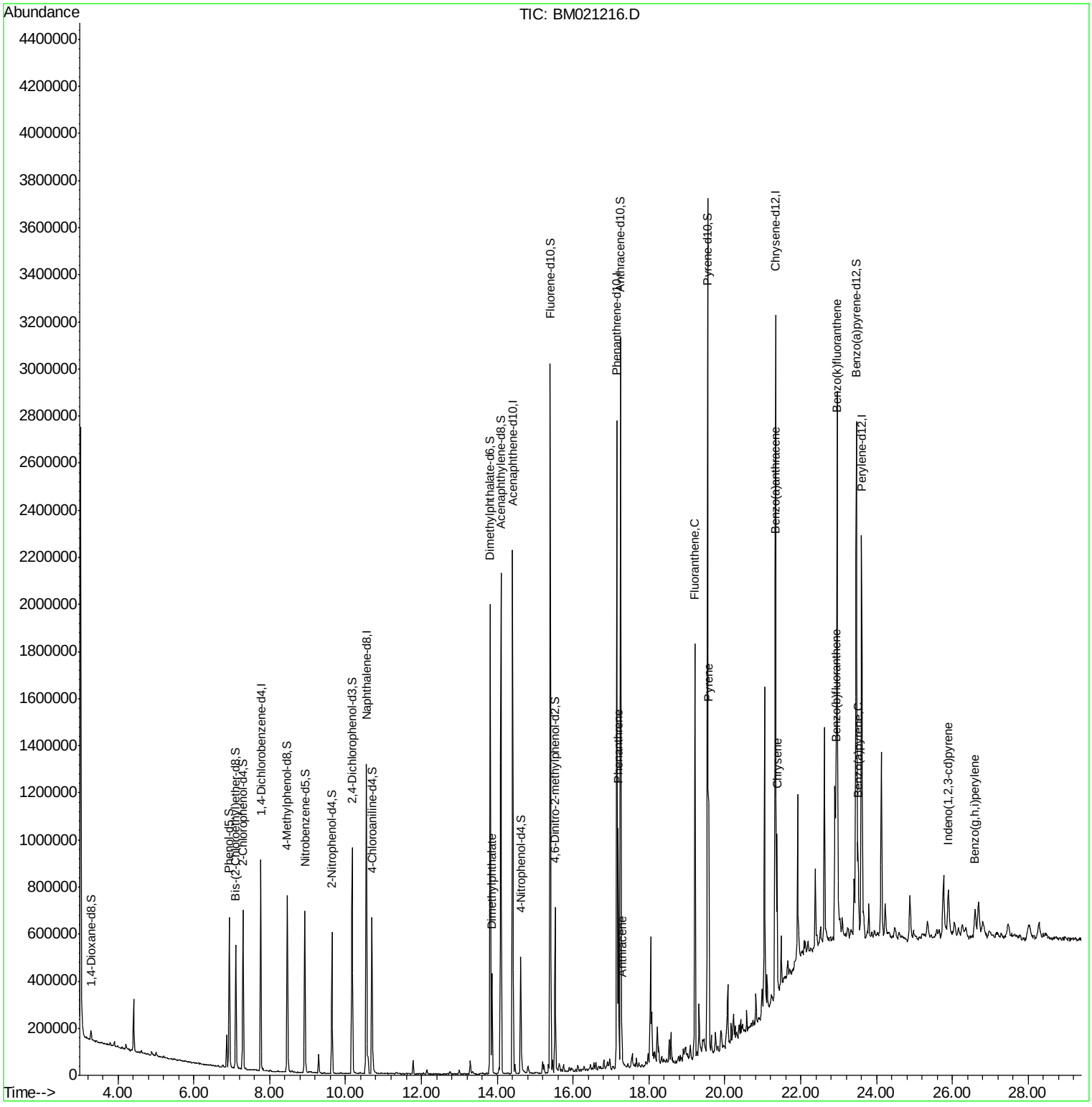
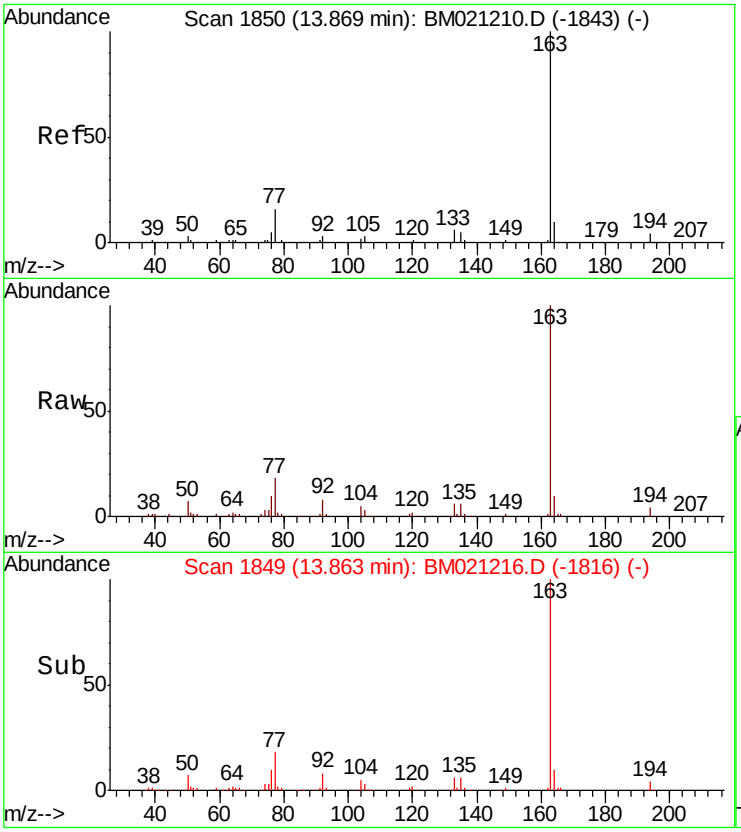
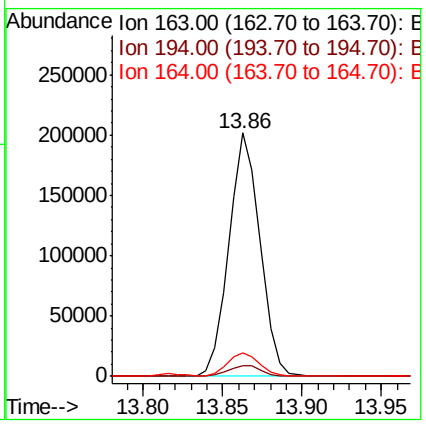




#44
Dimethylphthalate
Concen: 4.682 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:163 Resp: 272621

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.6	7.7	11.5



Instrument :
BNA_M
ClientSampleId :
C5AD2

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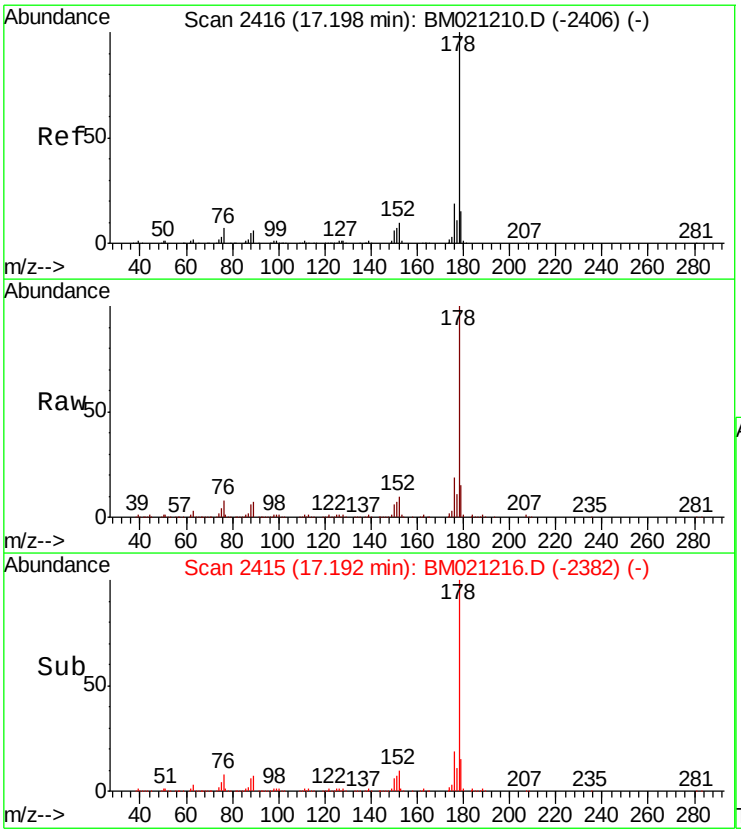
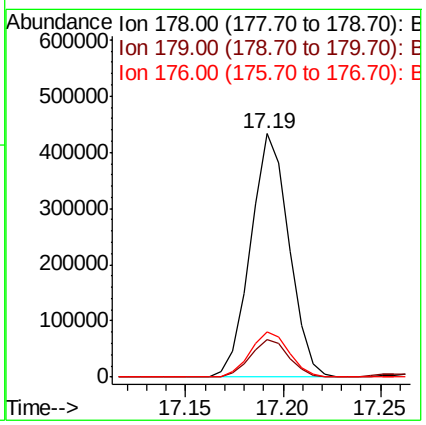
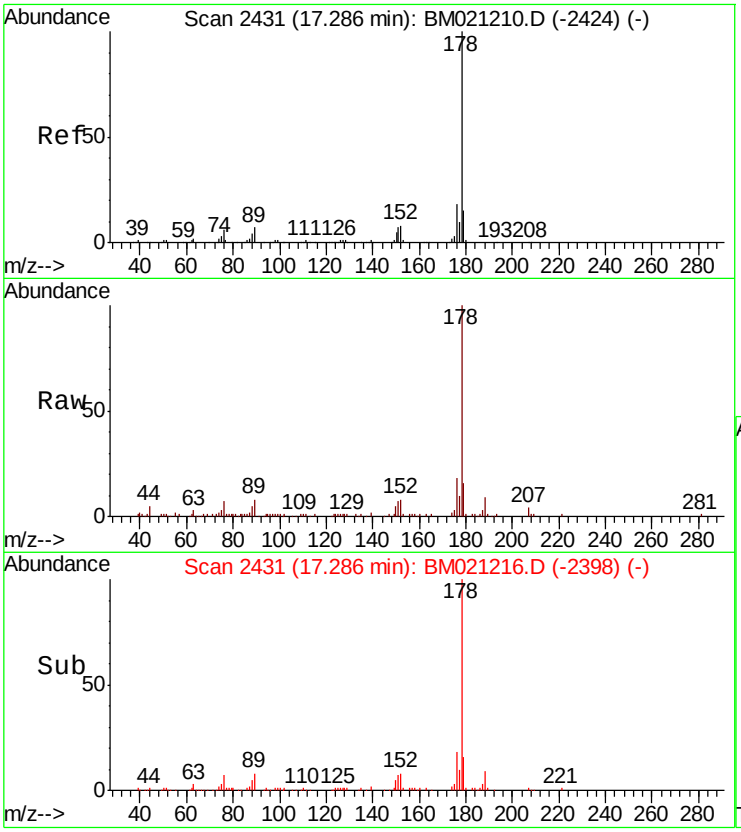


#69
Phenanthrene
Concen: 6.584 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:178 Resp: 589472

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.8	15.0	22.6

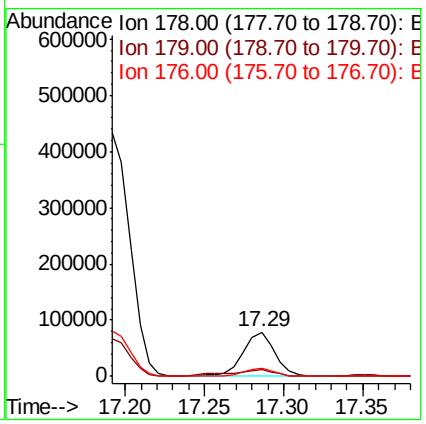




#71
Anthracene
Concen: 1.199 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:178 Resp: 109377

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	17.8	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
C5AD2

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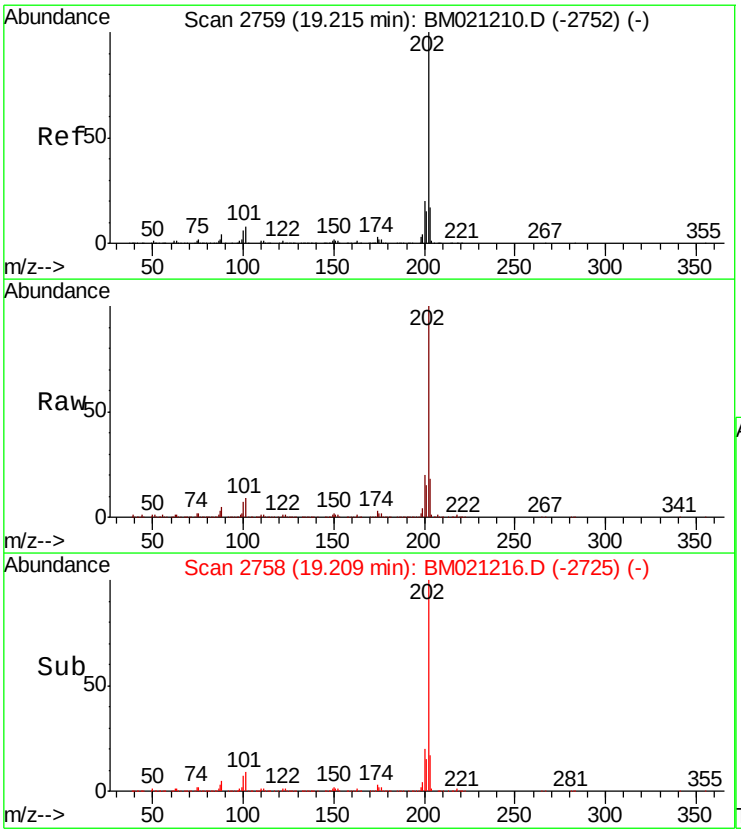
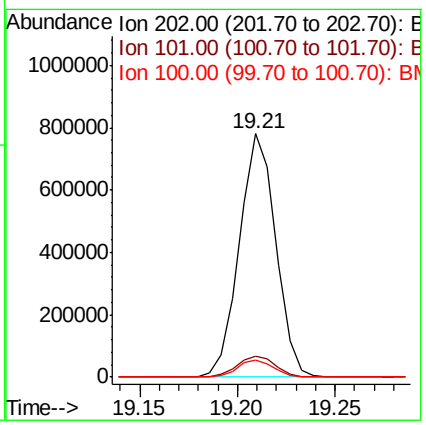
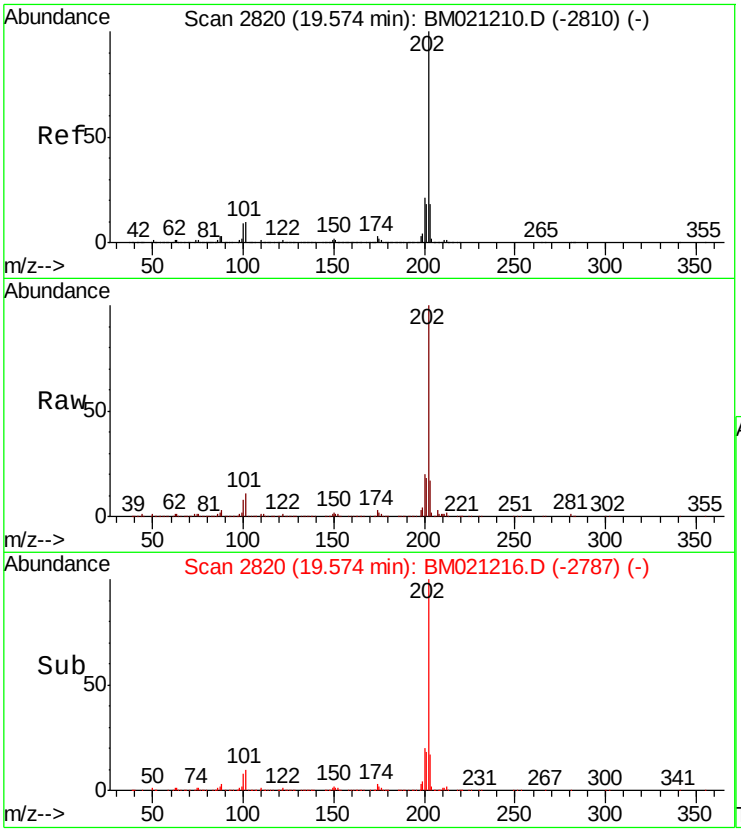


#76
Fluoranthene
Concen: 10.456 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:202 Resp: 1011570

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
100	7.2	5.5	8.3

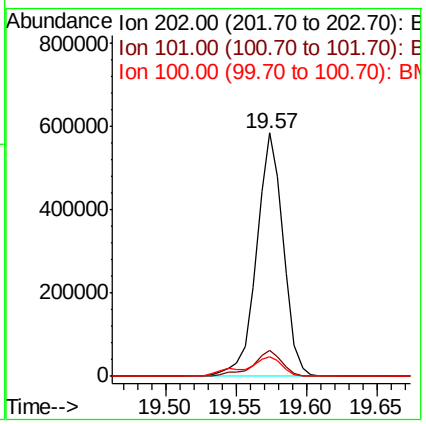




#79
Pyrene
Concen: 9.277 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:202 Resp: 780291

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.1	12.1
100	8.2	6.6	10.0



Instrument :
BNA_M
ClientSampleId :
C5AD2

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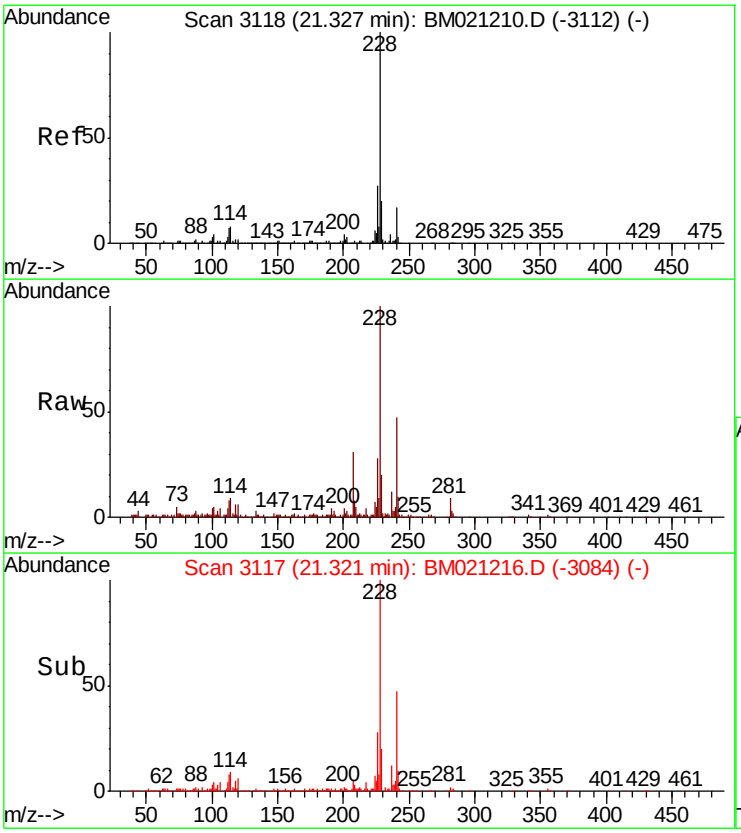
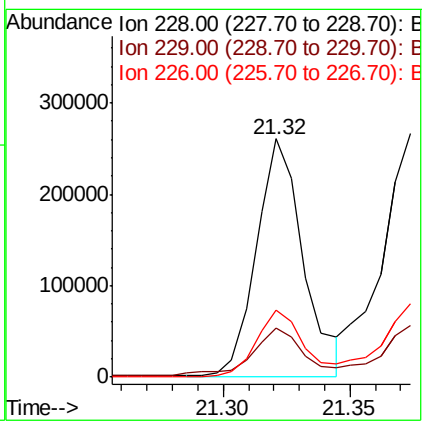
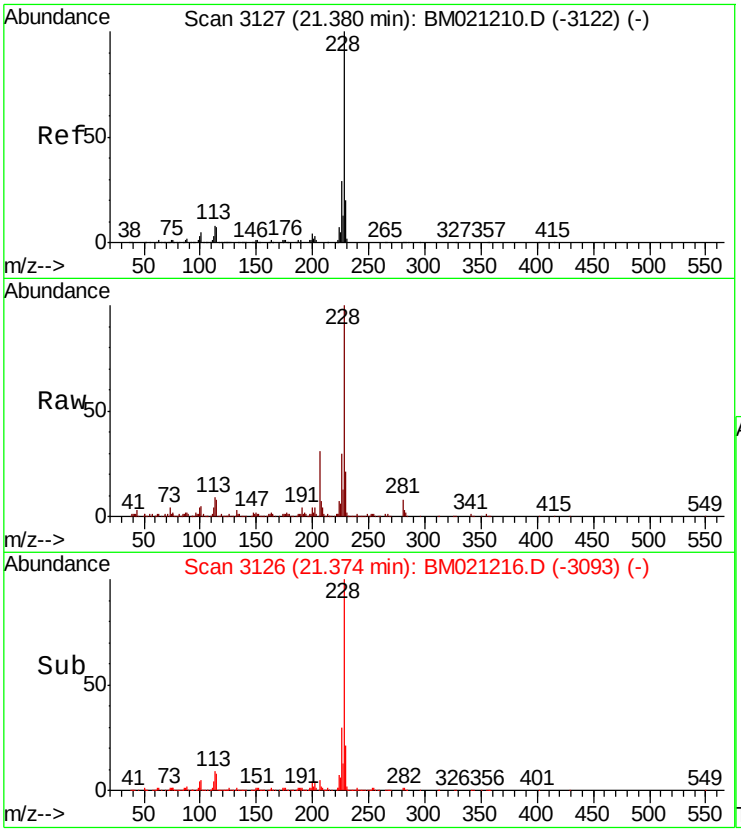


#82
Benzo(a)anthracene
Concen: 4.153 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:228 Resp: 336849

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	28.1	21.4	32.2

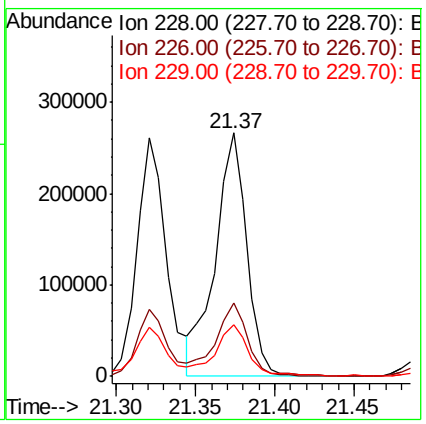




#84
Chrysene
Concen: 4.818 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:228 Resp: 366024

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	21.0	15.4	23.2



Instrument :
BNA_M
ClientSampleId :
C5AD2

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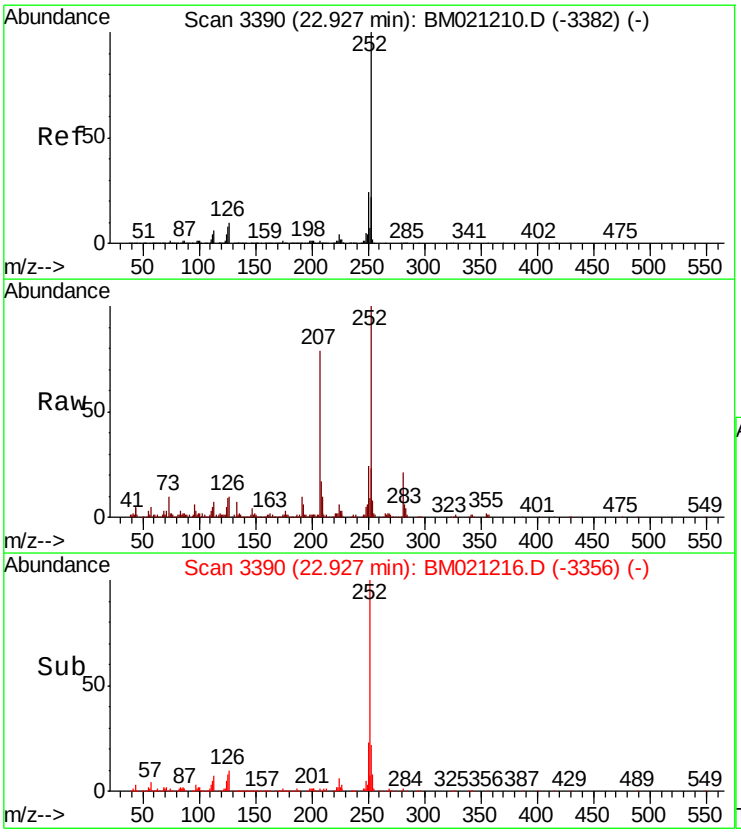
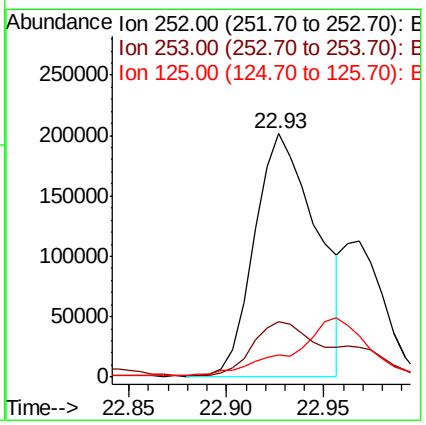
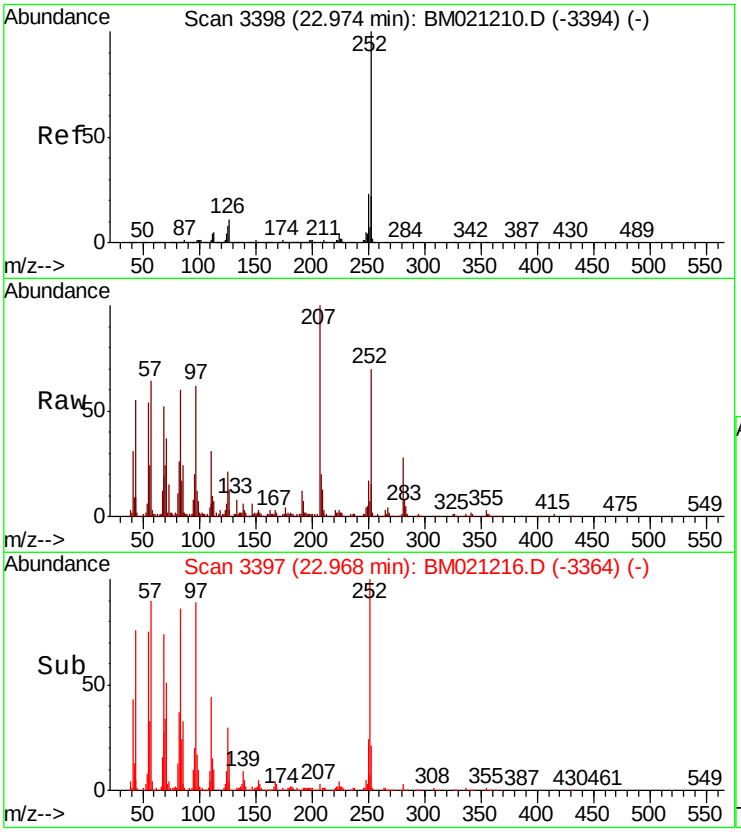


#87
Benzo(b)fluoranthene
Concen: 5.627 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:252 Resp: 445841

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	9.0	6.3	9.5

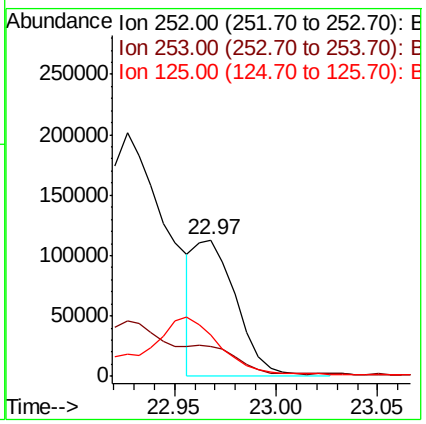




#88
Benzo(k)fluoranthene
Concen: 2.116 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:252 Resp: 161310

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	30.3	6.6	9.8#



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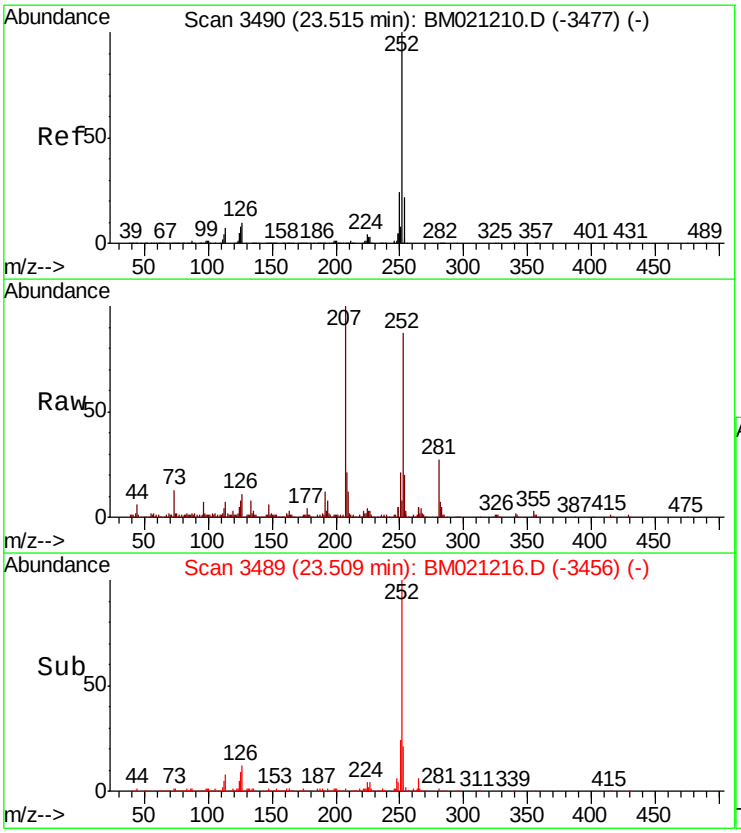
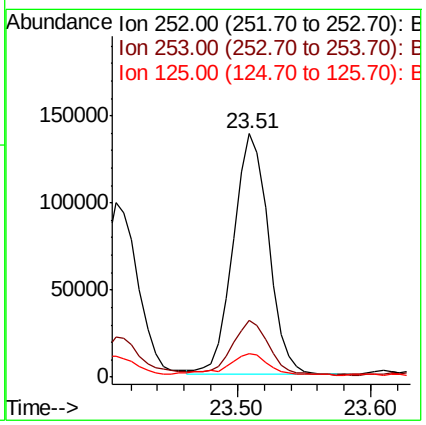
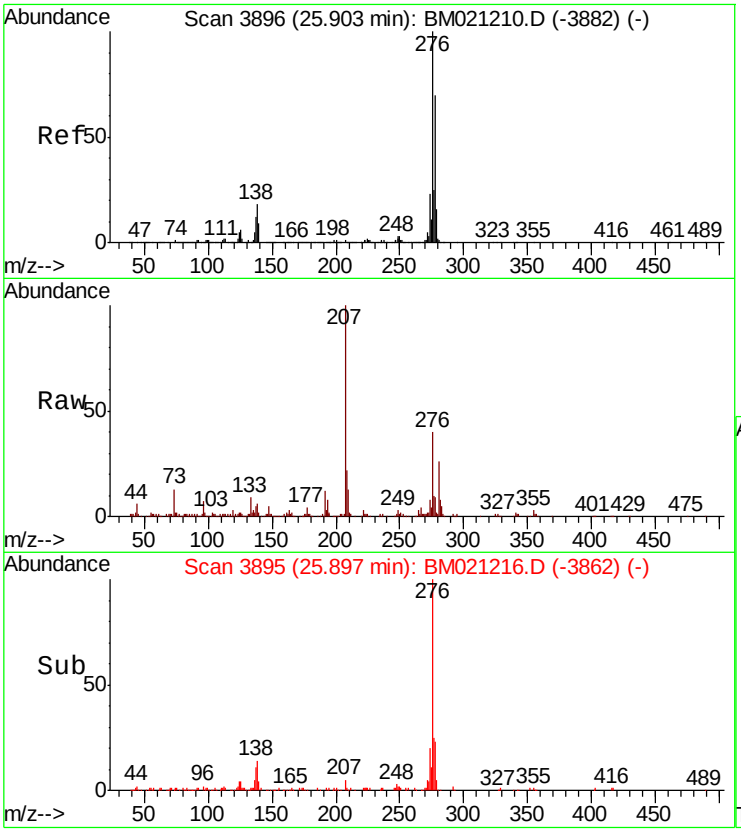


#90
Benzo(a)pyrene
Concen: 3.429 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:252 Resp: 255741

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	9.7	7.2	10.8

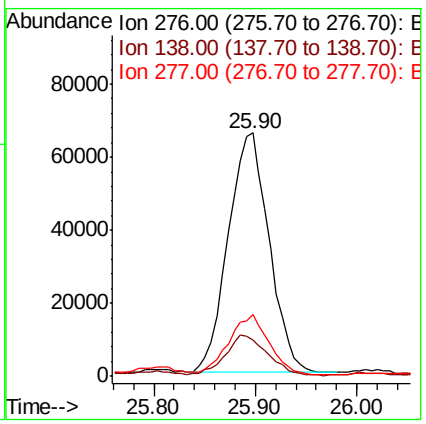




#91
Indeno(1,2,3-cd)pyrene
Concen: 2.095 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:276 Resp: 183964

Ion	Ratio	Lower	Upper
276	100		
138	14.8	15.9	23.9#
277	25.3	20.4	30.6



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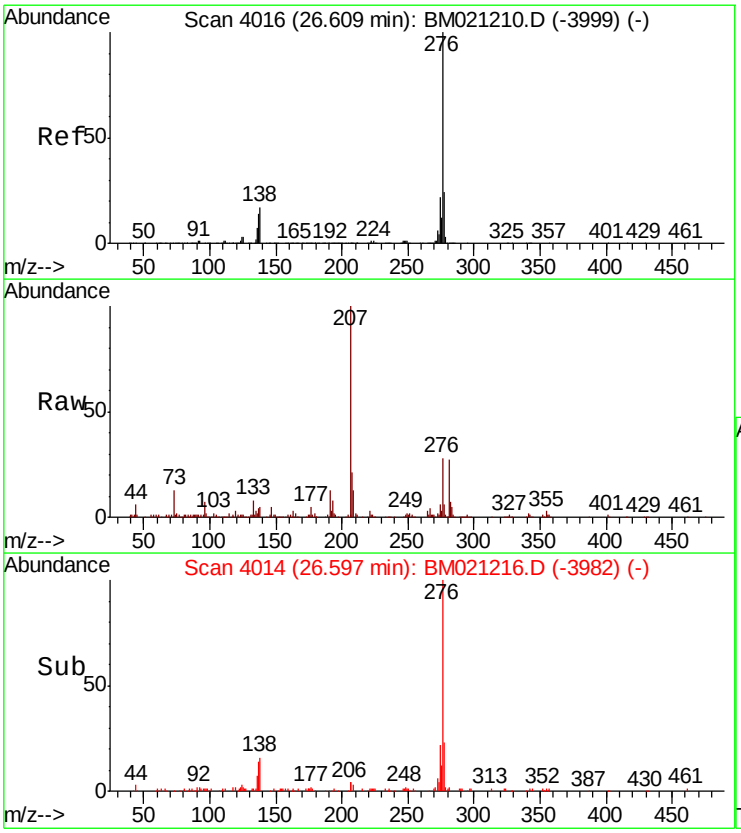

#93
Benzo(g,h,i)perylene
Concen: 2.010 ng/ul
RT: 26.60 min Scan# 4014
Delta R.T. -0.01 min
Lab File: BM021216.D
Acq: 27 Jun 2019 14:44

Tgt Ion:276 Resp: 145380

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.6	21.8
277	23.2	18.9	28.3