Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021172.D
Acq On : 25 Jun 2019 21:40
Operator : HP/JU
Sample : K3498-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA2

Quant Time: Jun 26 01:39:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	251700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1103836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	708971	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1621079	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1181494	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1209109	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	22487	4.24	ng/uL	0.00
5) Phenol-d5	6.93	99	551964	25.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	330353	25.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	463407	26.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	393402	21.51	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	249615	27.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	297920	29.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	608290	30.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	353117	16.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	2066520	32.26	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2334834	29.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	237662	22.81	ng/ul	0.00
57) Fluorene-d10	15.40	176	1755908	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	238415	23.92	ng/ul	0.00
70) Anthracene-d10	17.26	188	2605026	30.92	ng/ul	0.00
78) Pyrene-d10	19.55	212	2477825	34.95	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2127700	29.83	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	7.20	93	402743	25.465	ng/ul#	25
44) Dimethylphthalate	13.87	163	504590	8.653	ng/ul	99
69) Phenanthrene	17.20	178	186579	2.081	ng/ul	99
76) Fluoranthene	19.22	202	525860	5.428	ng/ul	100
79) Pyrene	19.58	202	421854	5.051	ng/ul	99
82) Benzo(a)anthracene	21.33	228	217618	2.702	ng/ul	96
84) Chrysene	21.38	228	262543	3.480	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	337142	4.402	ng/ul#	95
88) Benzo(k)fluoranthene	22.93	252	337142	4.576	ng/ul#	95
90) Benzo(a)pyrene	23.52	252	190784	2.647	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	144823	1.706	ng/ul	97
93) Benzo(g,h,i)perylene	26.61	276	114819	1.642	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021172.D
Acq On : 25 Jun 2019 21:40
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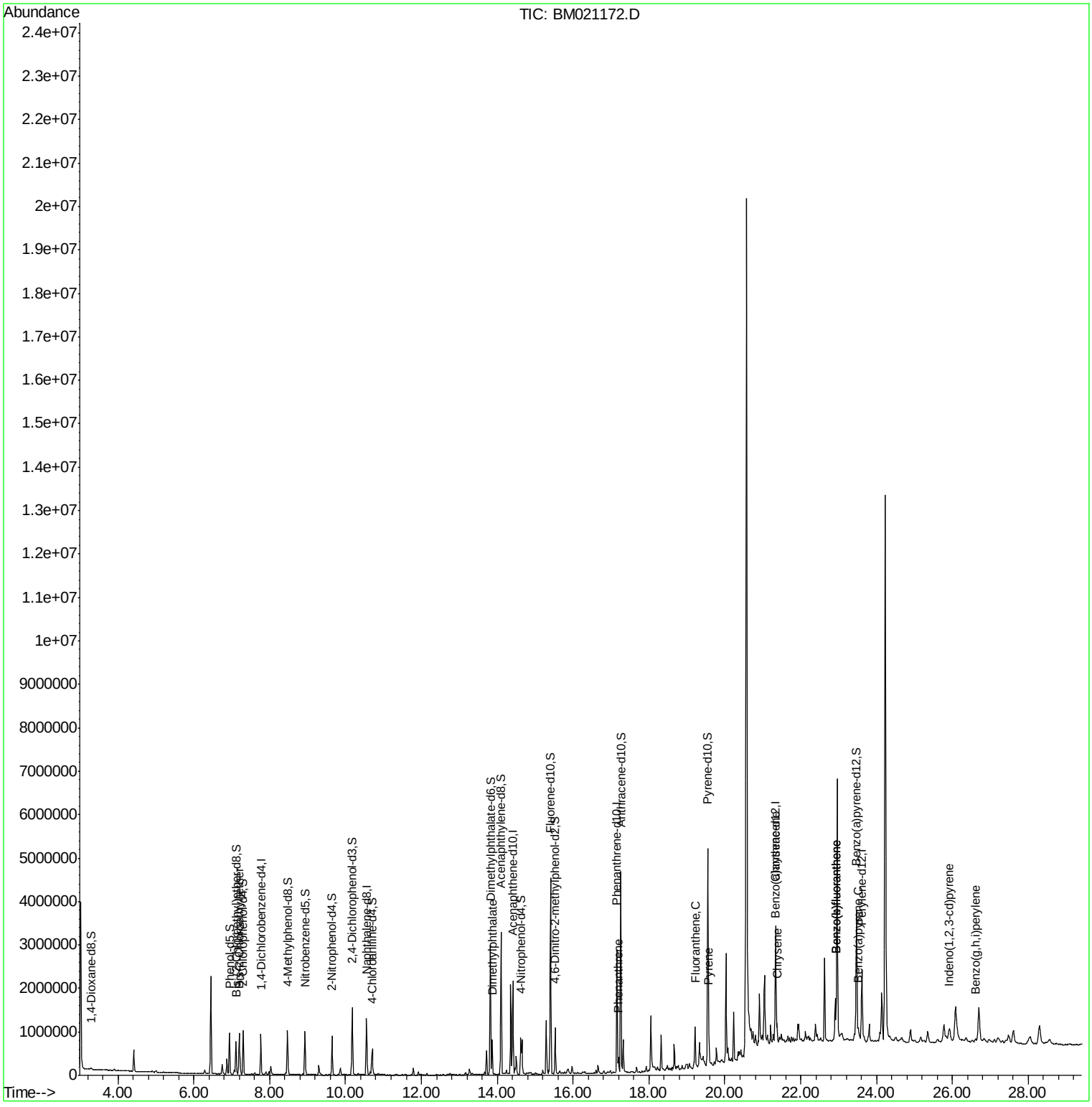
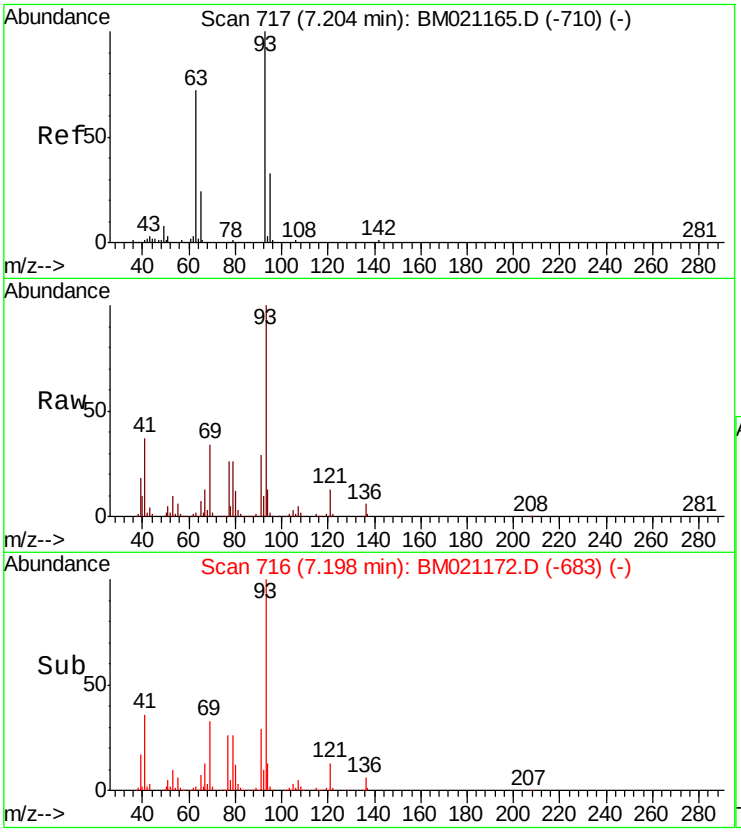
Sample : K3498-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5AA2

Quant Time: Jun 26 01:39:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration



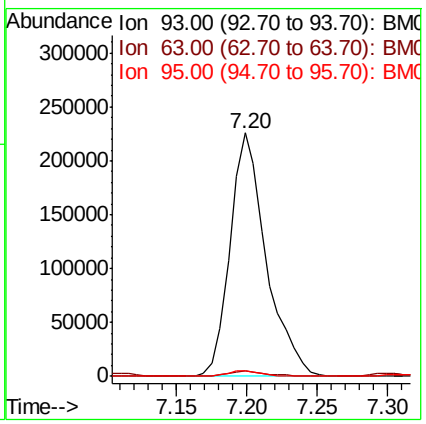


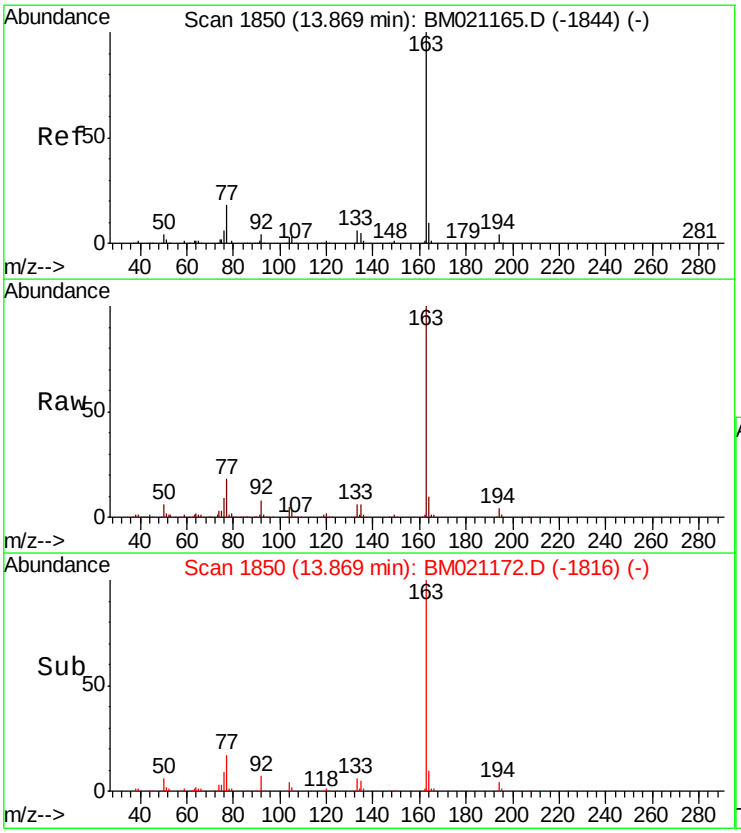
#8
Bis(2-Chloroethyl)ether
Concen: 25.465 ng/ul
RT: 7.20 min Scan# 716
Delta R.T. -0.01 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Instrument :
BNA_M
ClientSampleId :
C5AA2

Tgt Ion: 93 Resp: 402743

Ion	Ratio	Lower	Upper
93	100		
63	2.2	57.9	86.9#
95	2.3	26.2	39.4#

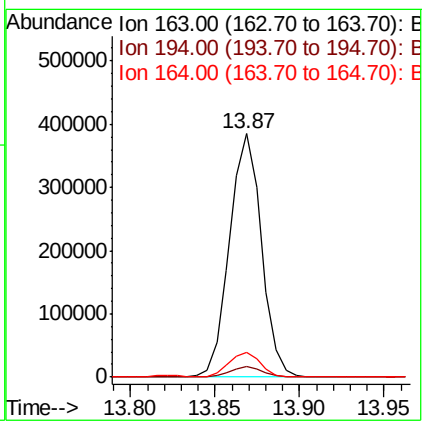


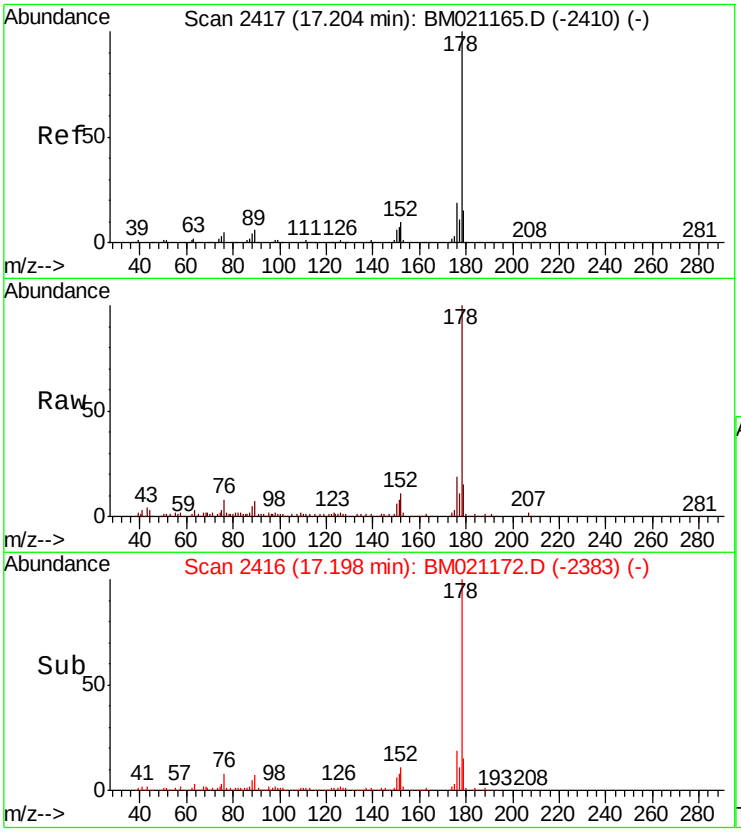


#44
Dimethylphthalate
Concen: 8.653 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Tgt Ion:163 Resp: 504590

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	7.7	11.5



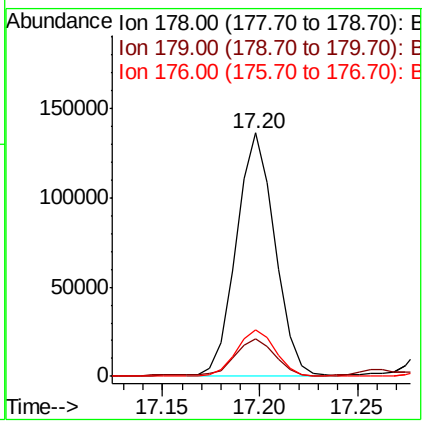


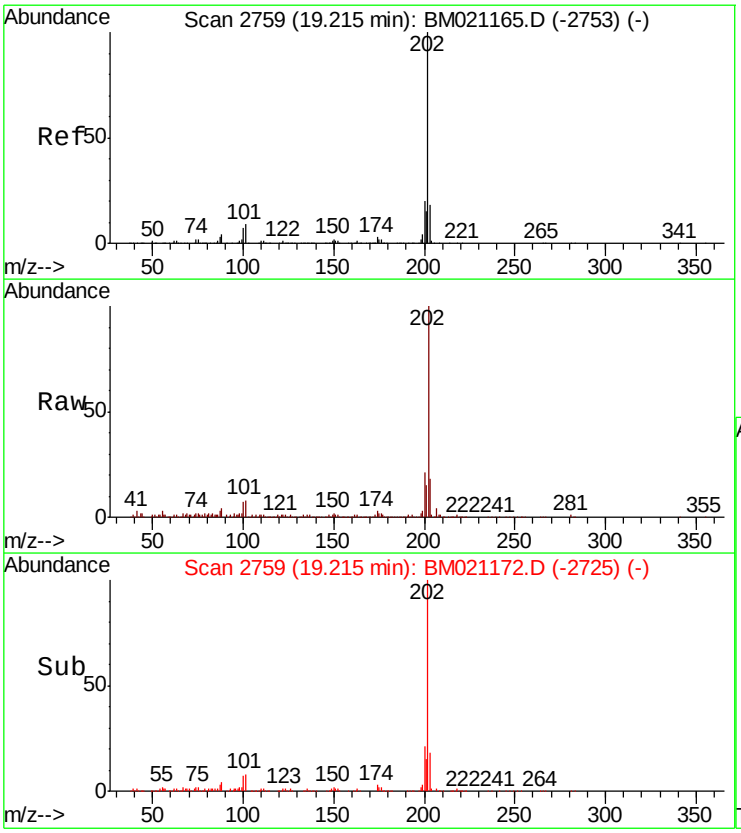
#69
Phenanthrene
Concen: 2.081 ng/ul
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Instrument :
BNA_M
ClientSampleId :
C5AA2

Tgt Ion:178 Resp: 186579

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	18.9	15.0	22.6

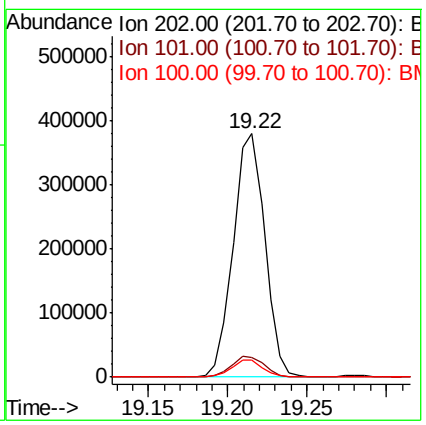


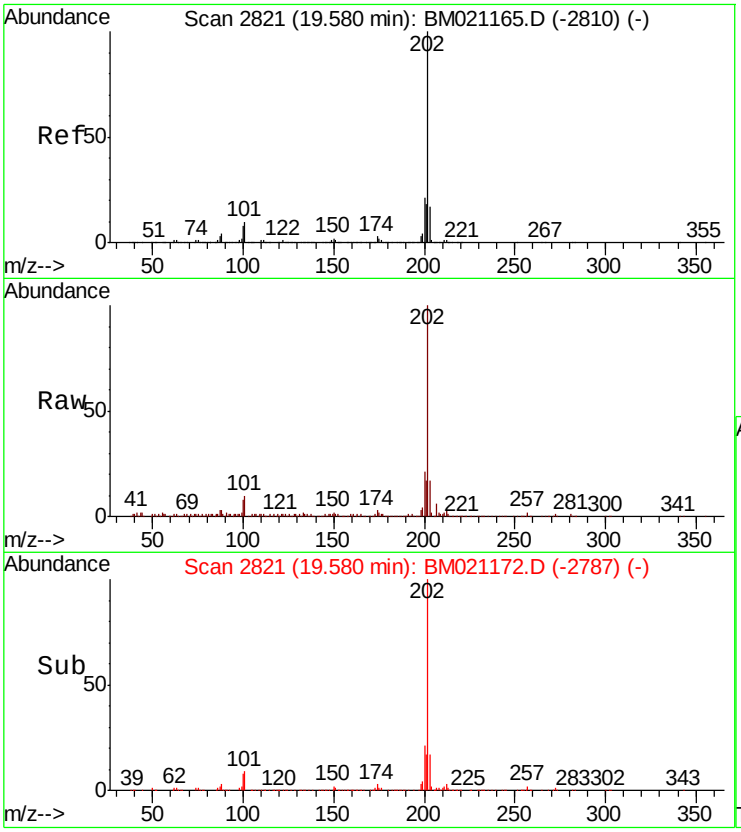


#76
Fluoranthene
Concen: 5.428 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Tgt Ion:202 Resp: 525860

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
100	6.9	5.5	8.3



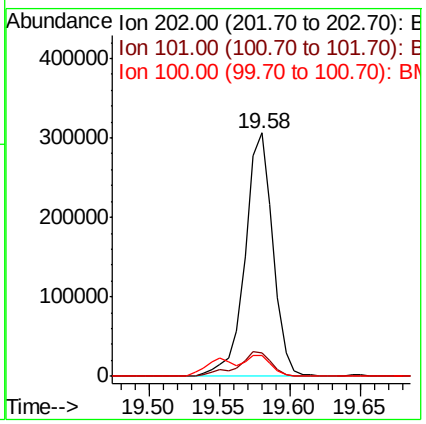


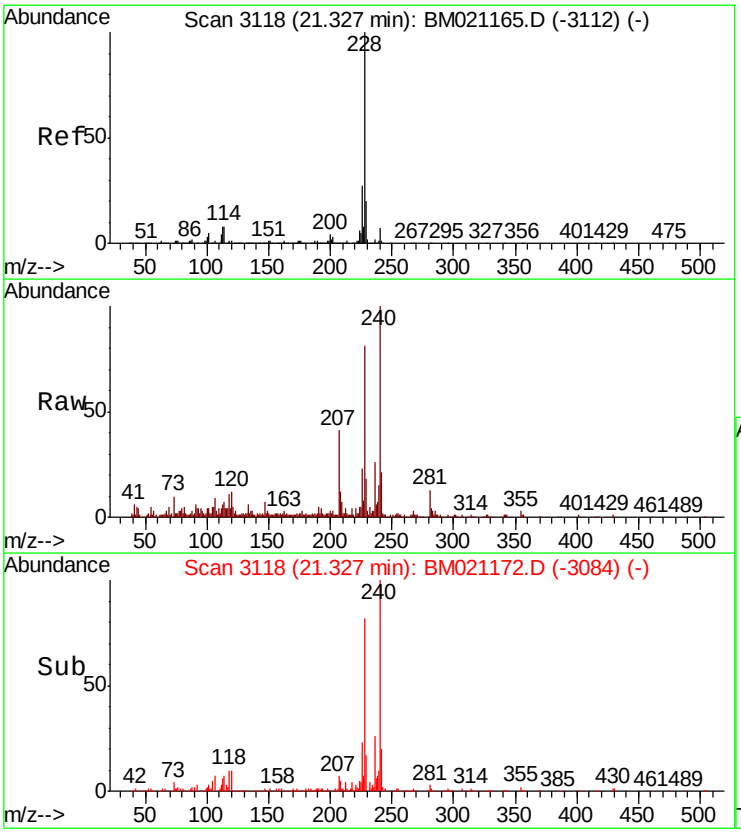
#79
Pyrene
Concen: 5.051 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Instrument :
BNA_M
ClientSampleId :
C5AA2

Tgt Ion:202 Resp: 421854

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.1	12.1
100	8.4	6.6	10.0

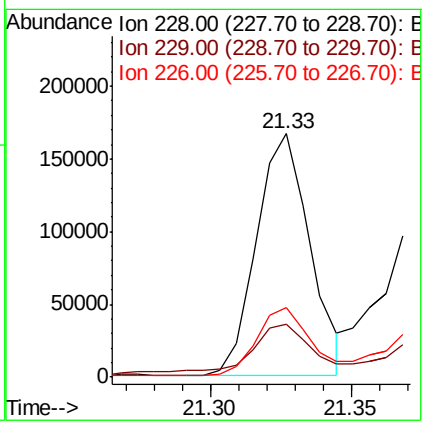


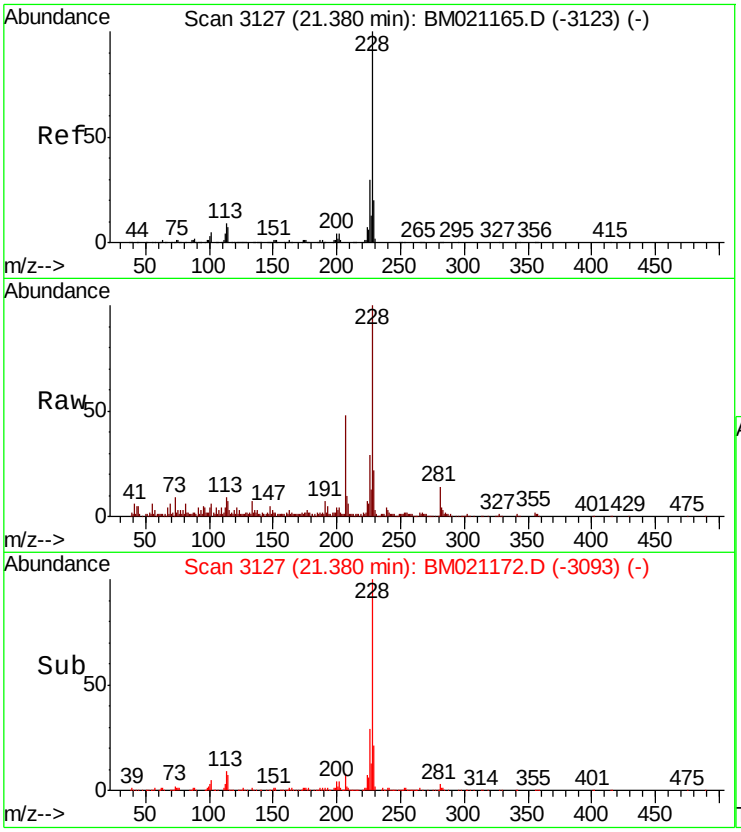


#82
Benzo(a)anthracene
Concen: 2.702 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.00 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Tgt Ion:228 Resp: 217618

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.8
226	28.7	21.4	32.2



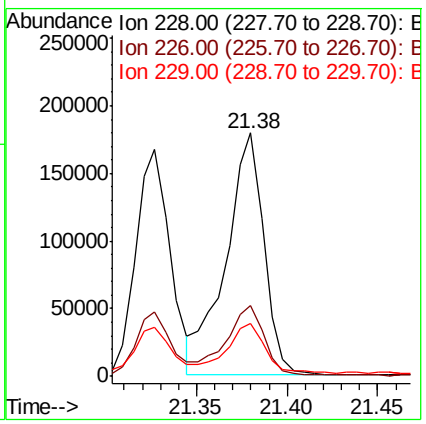


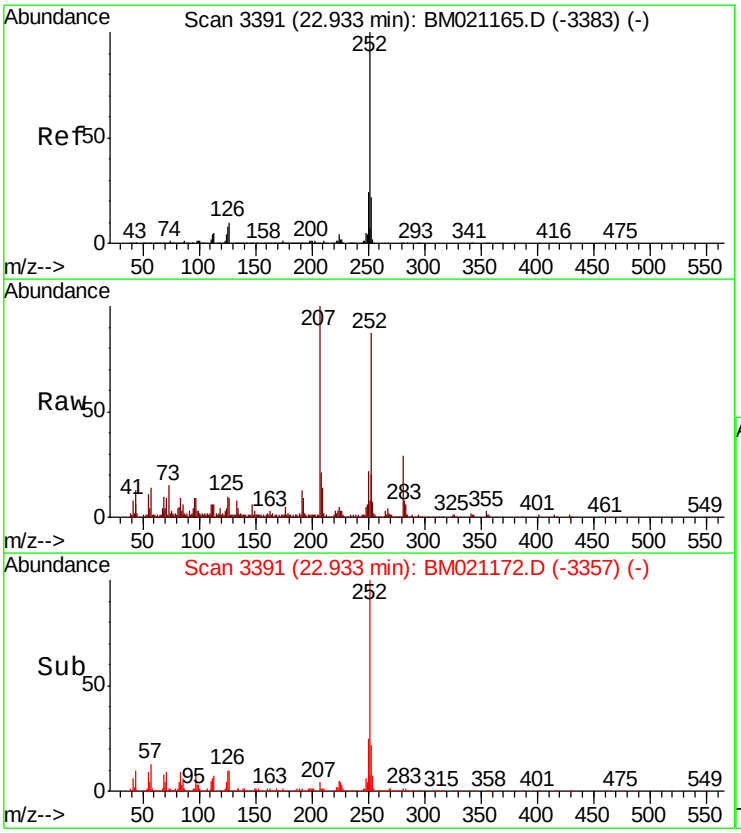
#84
Chrysene
Concen: 3.480 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Instrument :
BNA_M
ClientSampleId :
C5AA2

Tgt Ion:228 Resp: 262543

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	21.8	15.4	23.2

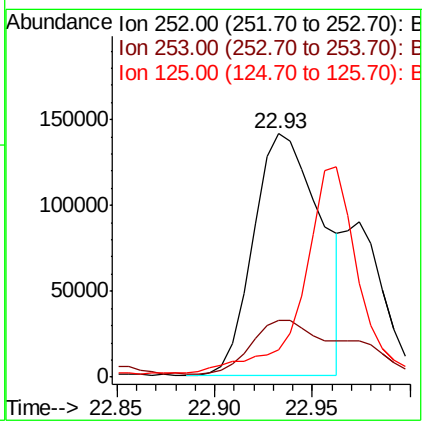


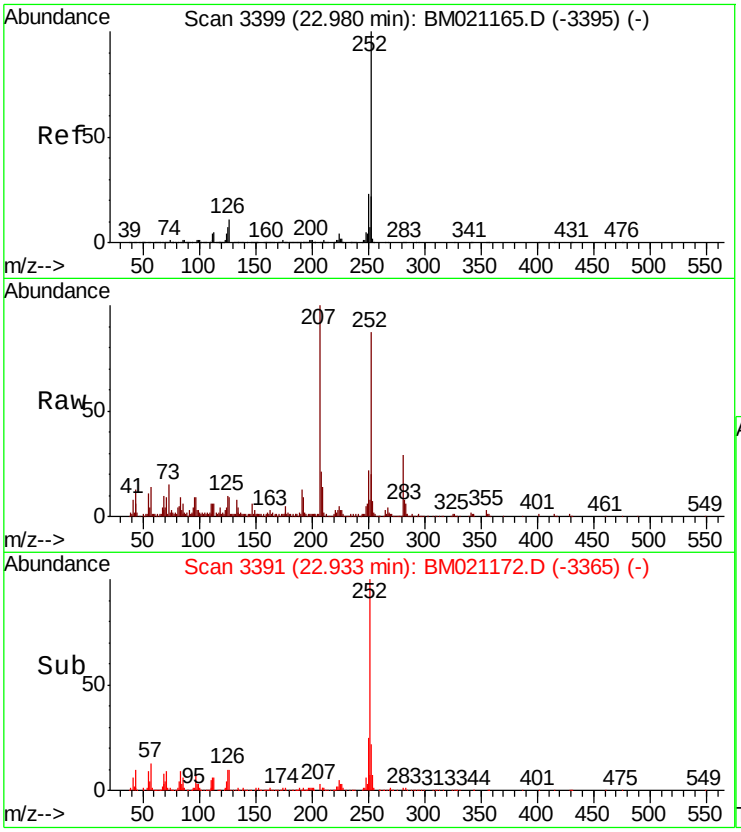


#87
Benzo(b)fluoranthene
Concen: 4.402 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.00 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Tgt Ion:252 Resp: 337142

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	11.1	6.3	9.5#



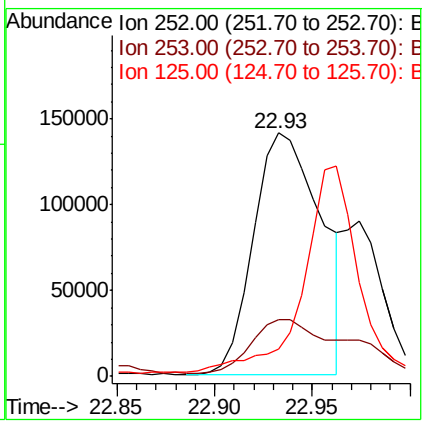


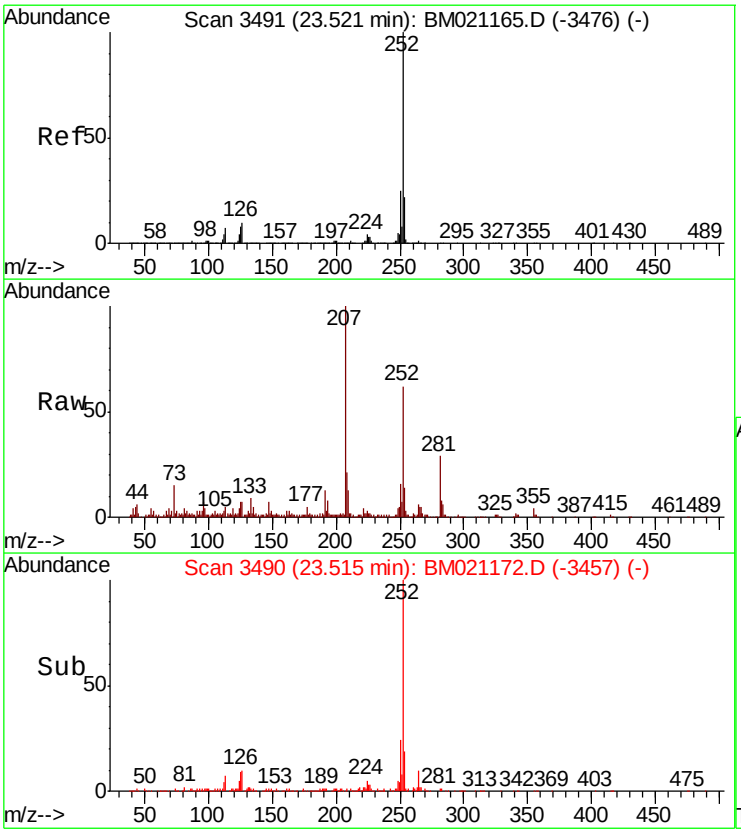
#88
Benzo(k)fluoranthene
Concen: 4.576 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.05 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Instrument :
BNA_M
ClientSampleId :
C5AA2

Tgt Ion:252 Resp: 337142

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	11.1	6.6	9.8#

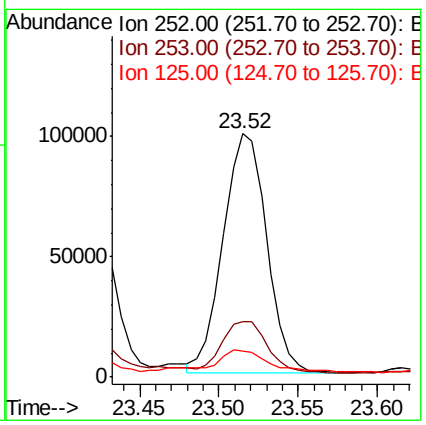


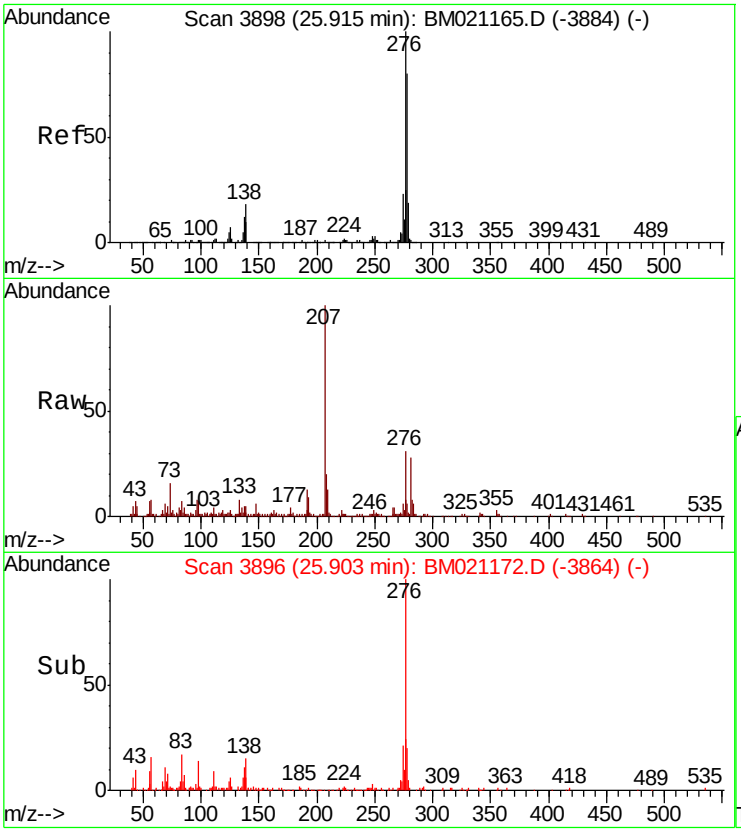


#90
Benzo(a)pyrene
Concen: 2.647 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Tgt Ion:252 Resp: 190784

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.9	7.2	10.8#



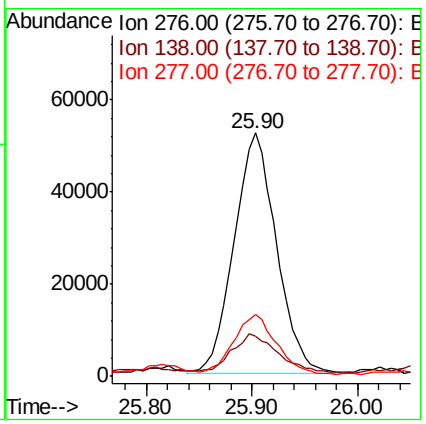


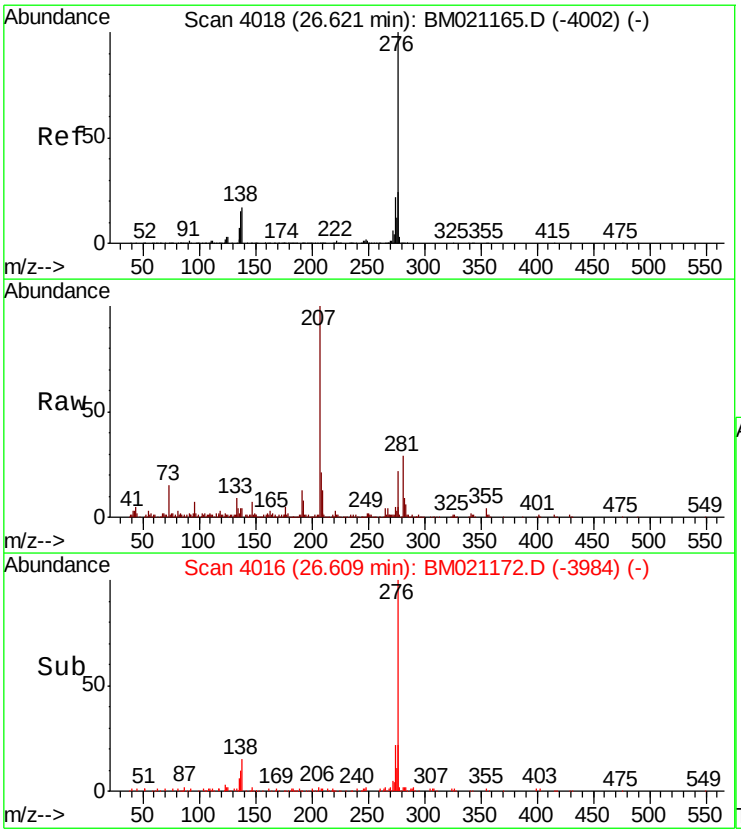
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.706 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Instrument :
BNA_M
ClientSampleId :
C5AA2

Tgt Ion:276 Resp: 144823

Ion	Ratio	Lower	Upper
276	100		
138	16.5	15.9	23.9
277	25.6	20.4	30.6





#93
Benzo(g,h,i)perylene
Concen: 1.642 ng/ul
RT: 26.61 min Scan# 4016
Delta R.T. -0.01 min
Lab File: BM021172.D
Acq: 25 Jun 2019 21:40

Tgt Ion:276 Resp: 114819

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.6	21.8
277	23.5	18.9	28.3