Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021267.D
Acq On : 29 Jun 2019 18:15
Operator : HP/JU
Sample : K3593-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C7BC6

Quant Time: Jun 29 22:21:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	274009	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1216758	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	763432	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1690130	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1197728	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1362409	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	19172	3.32	ng/uL	0.00
5) Phenol-d5	6.93	99	501625	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	295029	20.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	413882	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	443922	22.30	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	227834	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	268752	24.50	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	517754	23.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	278211	11.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1672298	24.24	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1947273	23.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	215611	19.22	ng/ul	0.00
57) Fluorene-d10	15.39	176	1421689	23.69	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	173543	16.70	ng/ul	0.00
70) Anthracene-d10	17.24	188	2014084	22.93	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1885661	26.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1811431	22.54	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.86	163	832177	13.252	ng/ul	99
69) Phenanthrene	17.19	178	215118	2.301	ng/ul	99
76) Fluoranthene	19.21	202	593864	5.880	ng/ul	99
79) Pyrene	19.57	202	483947	5.715	ng/ul	100
82) Benzo(a)anthracene	21.32	228	238255	2.918	ng/ul	98
84) Chrysene	21.37	228	278442	3.641	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	427962	4.959	ng/ul#	95
88) Benzo(k)fluoranthene	22.92	252	427962	5.155	ng/ul#	95
90) Benzo(a)pyrene	23.50	252	246216	3.031	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	204587	2.139	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	162113	2.058	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Misc :
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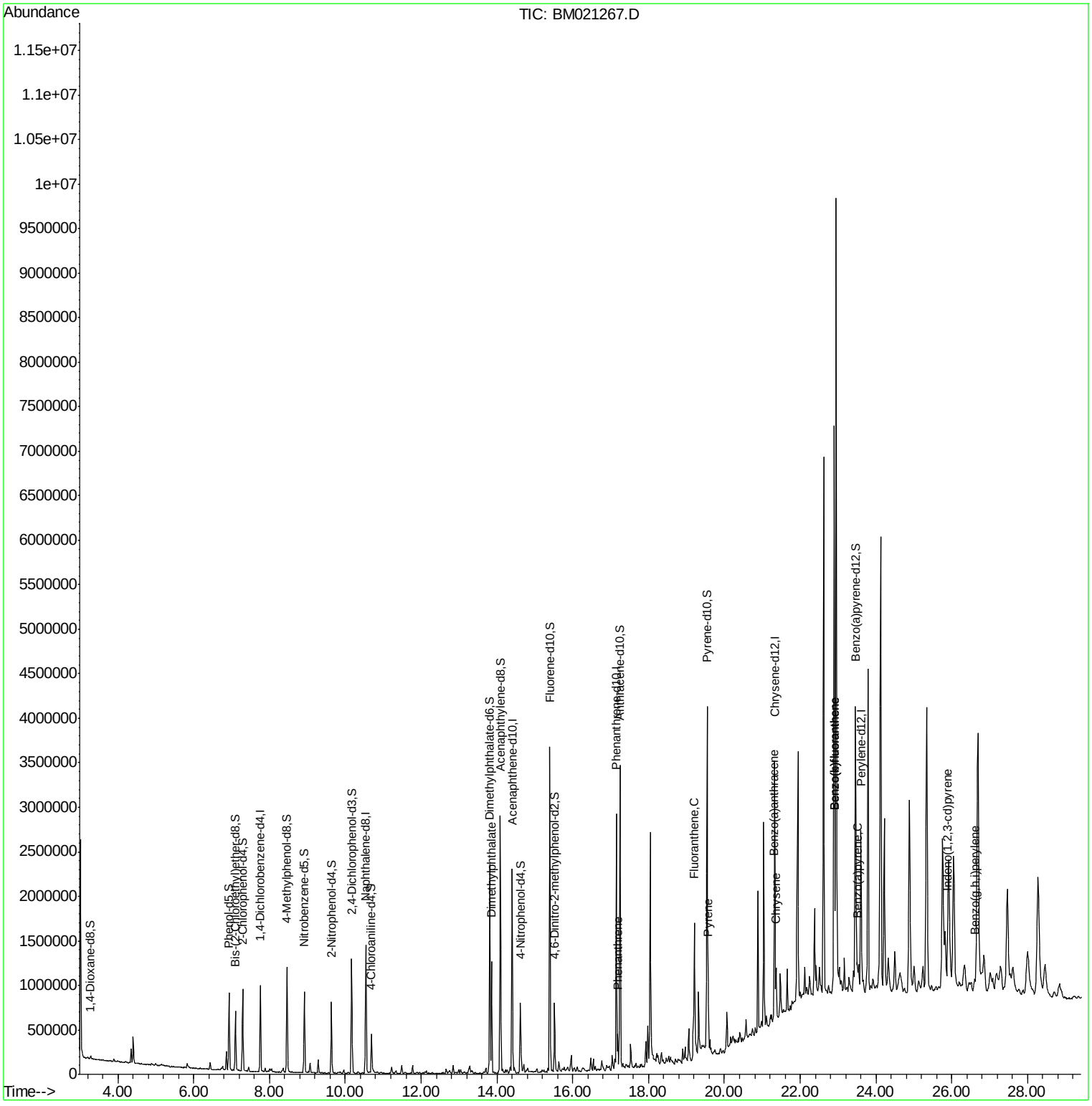
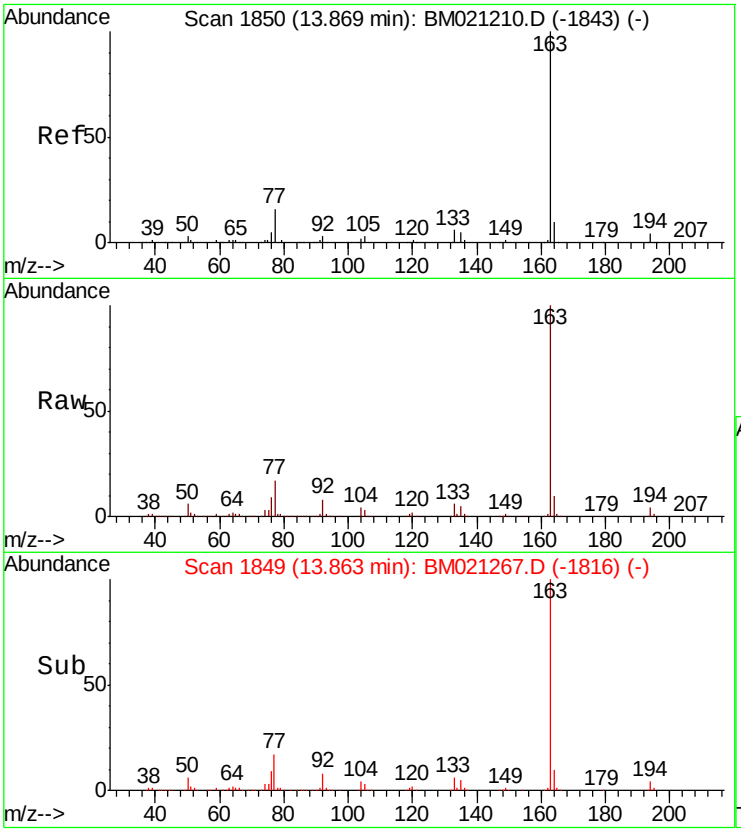
Instrument :
BNA_M
ClientSampleId :
C7BC6

Quant Time: Jun 29 22:21:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration



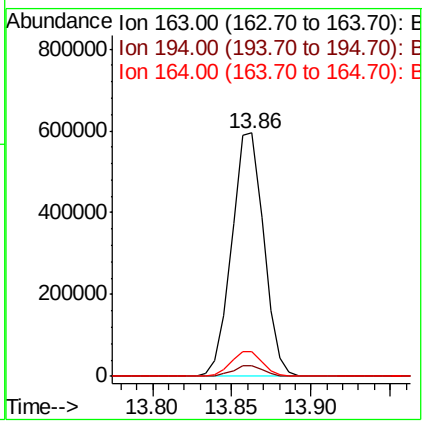


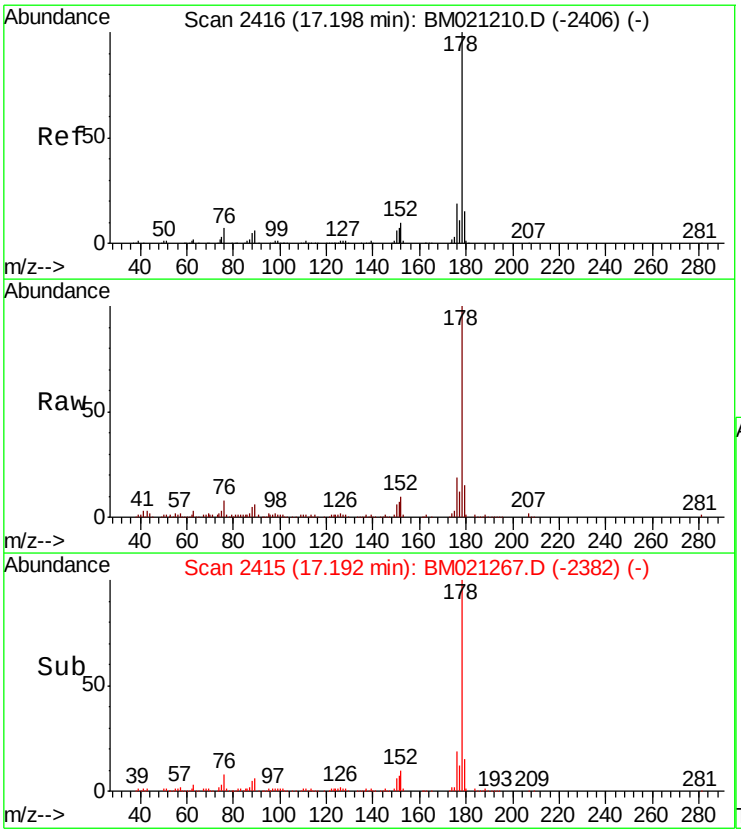
#44
Dimethylphthalate
Concen: 13.252 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Instrument :
BNA_M
ClientSampleId :
C7BC6

Tgt Ion:163 Resp: 832177

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	7.7	11.5

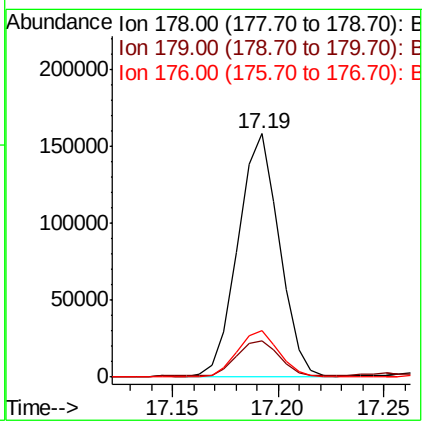


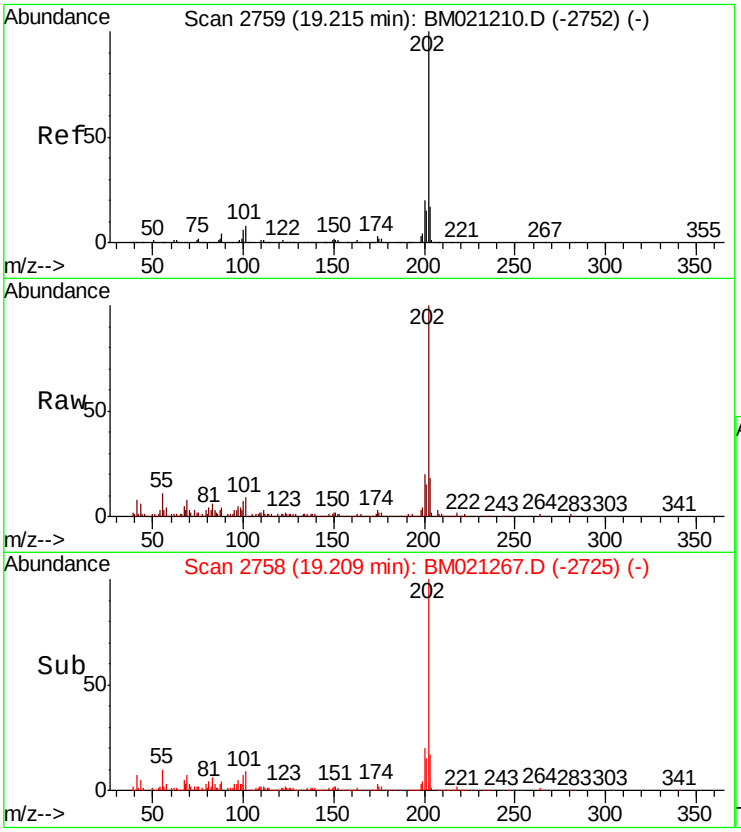


#69
Phenanthrene
Concen: 2.301 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Tgt Ion:178 Resp: 215118

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	19.1	15.0	22.6



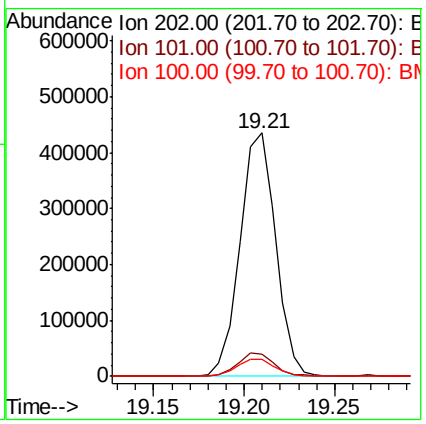


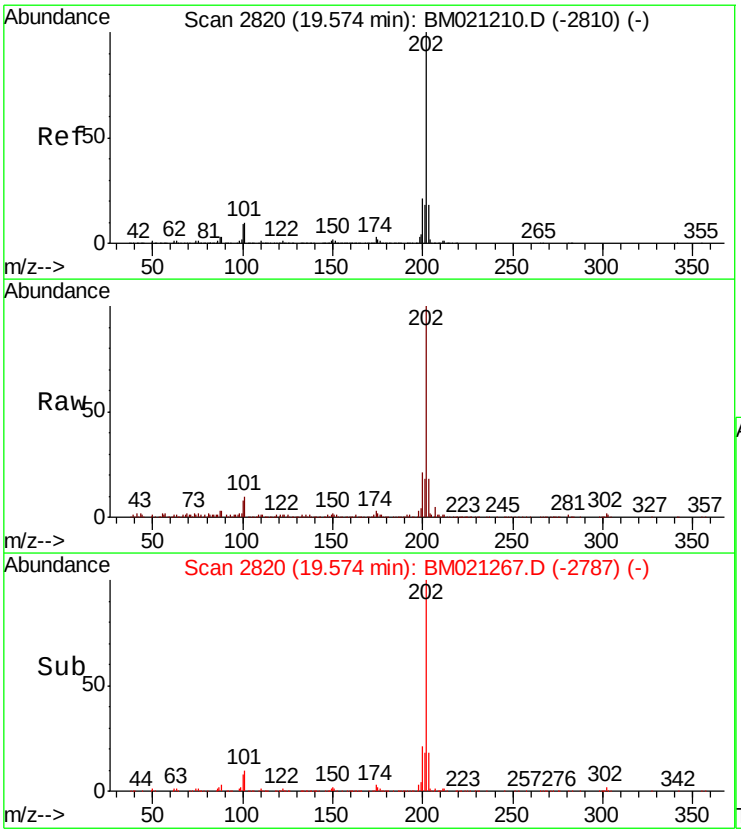
#76
Fluoranthene
Concen: 5.880 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Instrument :
BNA_M
ClientSampleId :
C7BC6

Tgt Ion:202 Resp: 593864

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.7	10.1
100	6.9	5.5	8.3

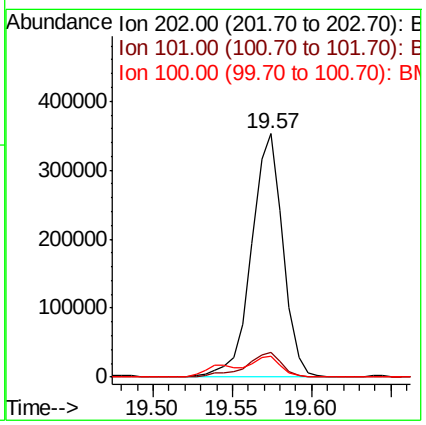


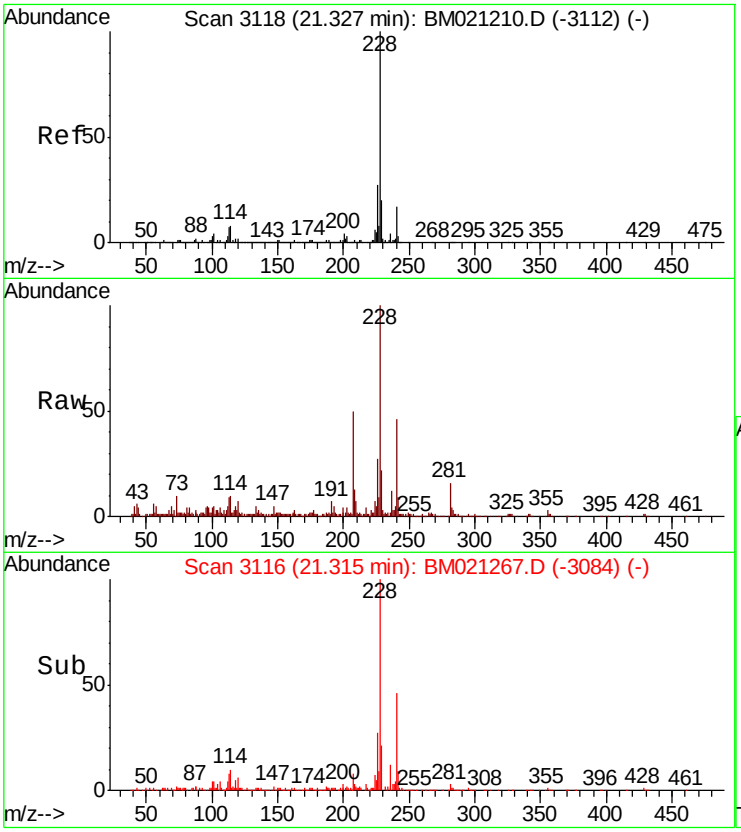


#79
Pyrene
Concen: 5.715 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Tgt Ion:202 Resp: 483947

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



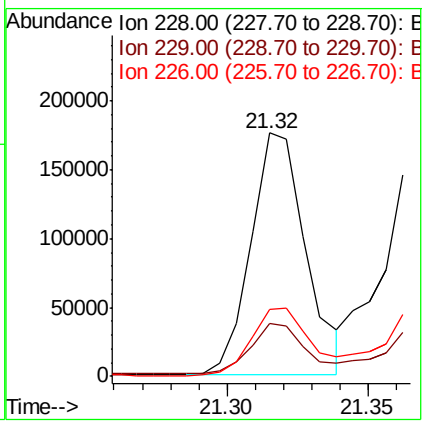


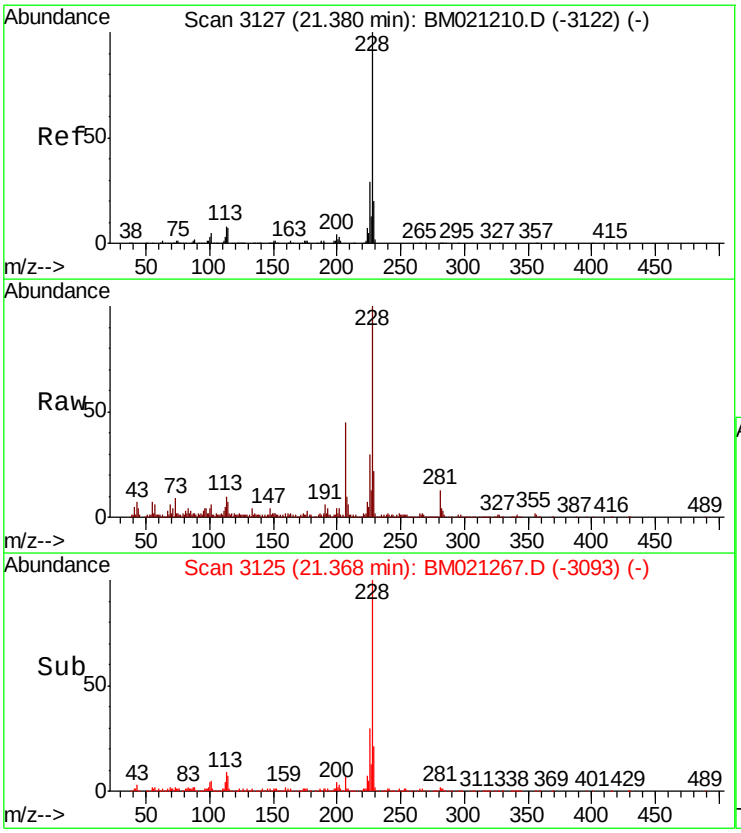
#82
Benzo(a)anthracene
Concen: 2.918 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Instrument :
BNA_M
ClientSampleId :
C7BC6

Tgt Ion:228 Resp: 238255

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.8
226	27.3	21.4	32.2

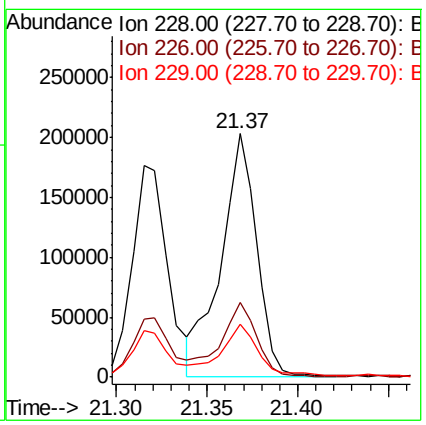


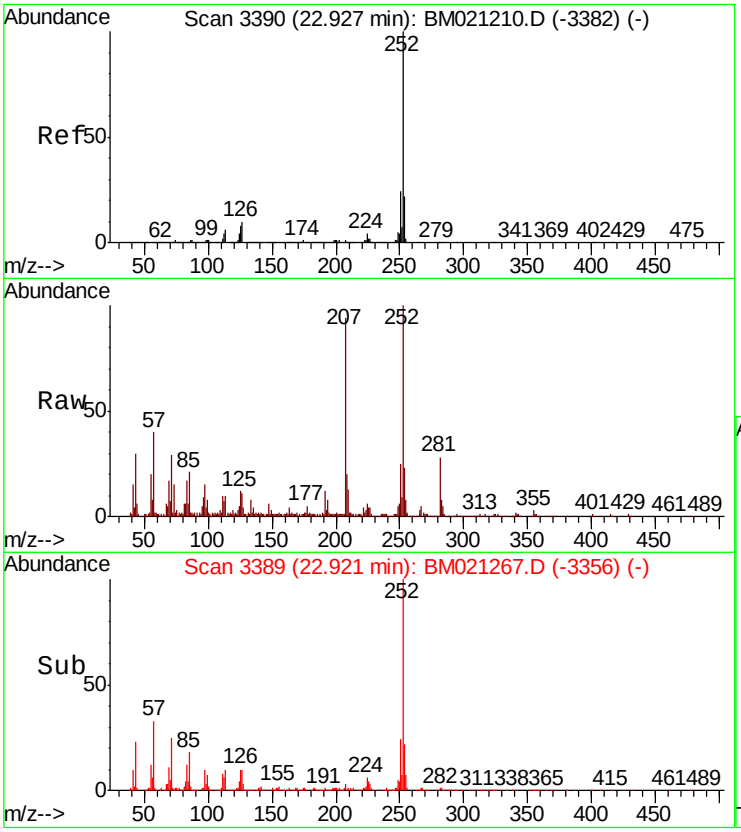


#84
Chrysene
Concen: 3.641 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Tgt Ion:228 Resp: 278442

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	21.8	15.4	23.2



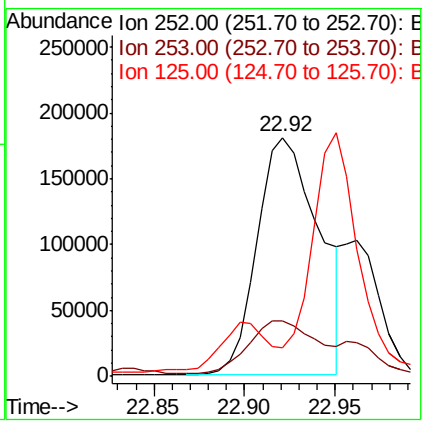


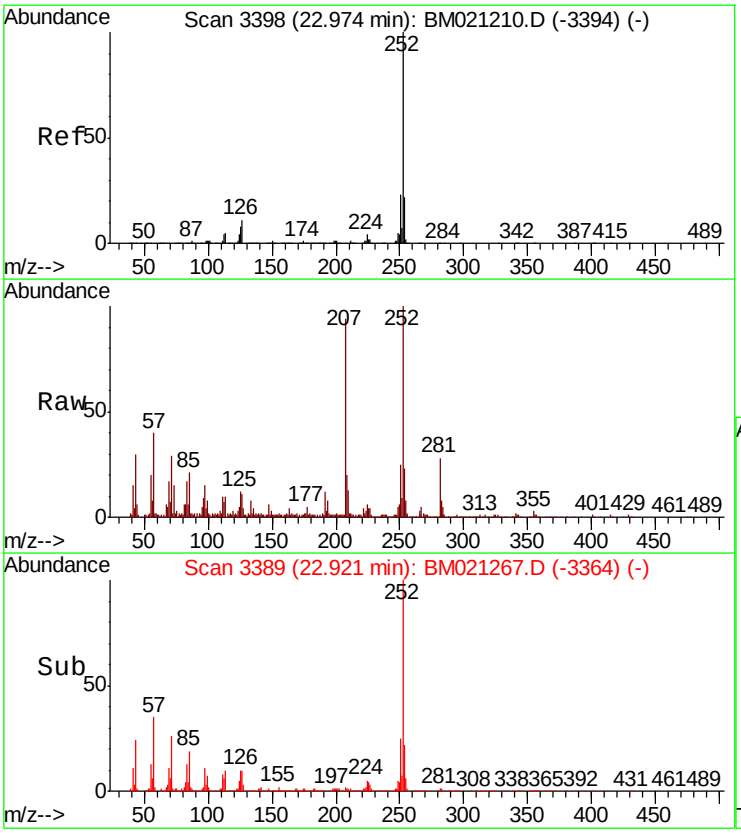
#87
Benzo(b)fluoranthene
Concen: 4.959 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Instrument :
BNA_M
ClientSampleId :
C7BC6

Tgt Ion:252 Resp: 427962

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.9	6.3	9.5#

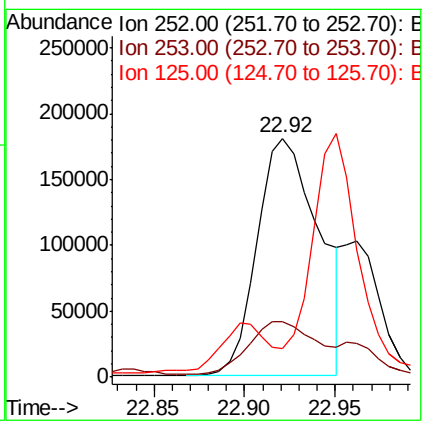


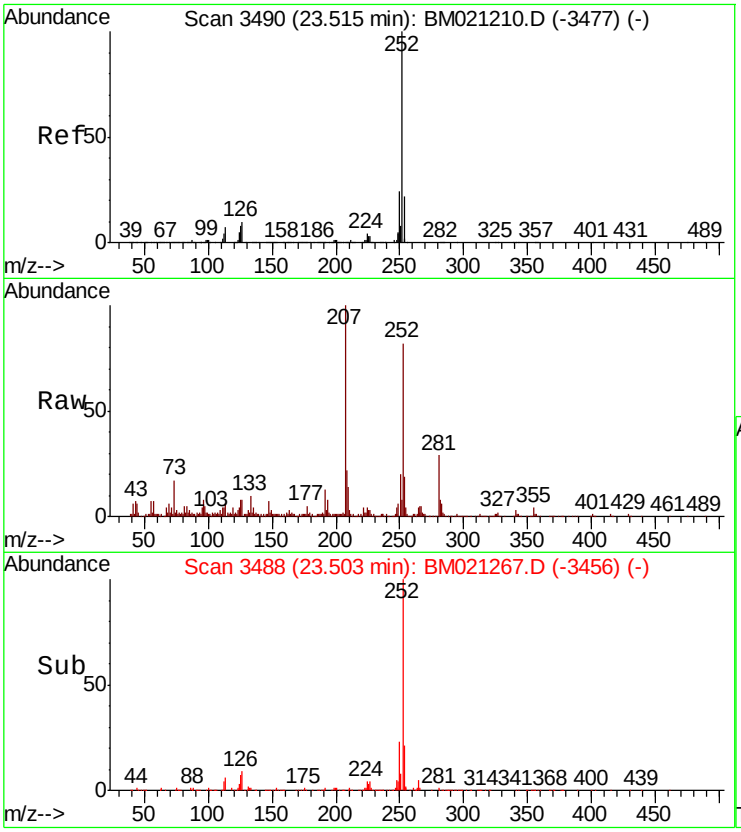


#88
Benzo(k)fluoranthene
Concen: 5.155 ng/ul
RT: 22.92 min Scan# 3389
Delta R.T. -0.05 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Tgt Ion:252 Resp: 427962

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.9	6.6	9.8#



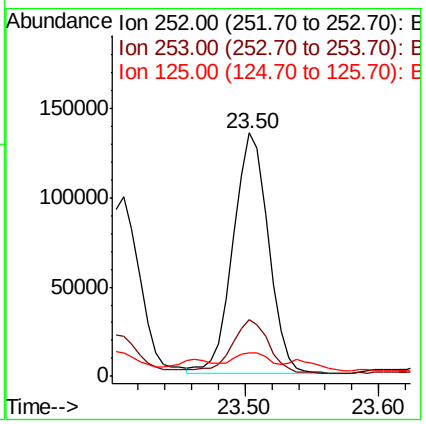


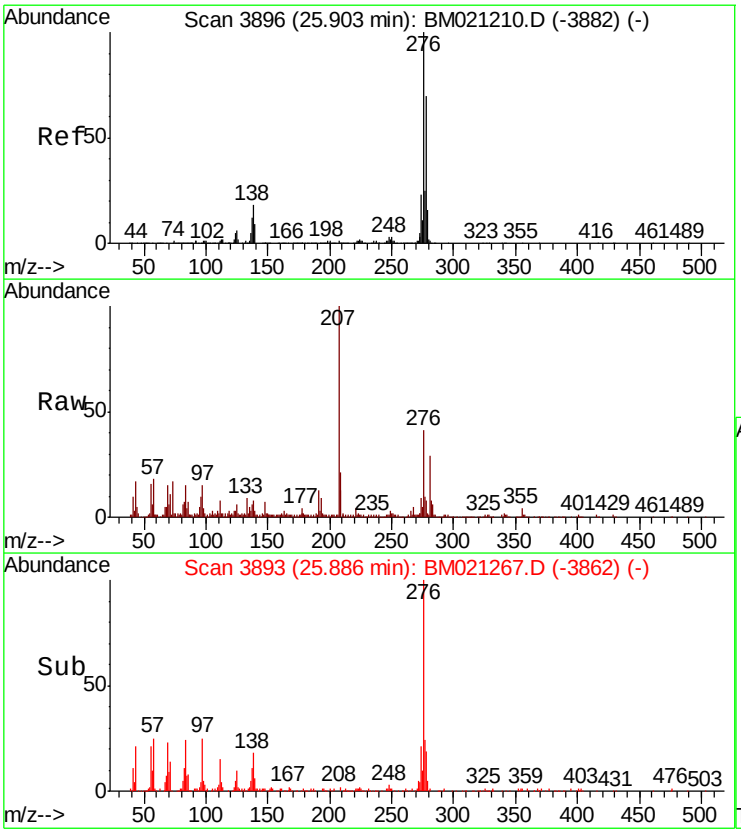
#90
Benzo(a)pyrene
Concen: 3.031 ng/ul
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Instrument :
BNA_M
ClientSampleId :
C7BC6

Tgt Ion:252 Resp: 246216

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.6	7.2	10.8

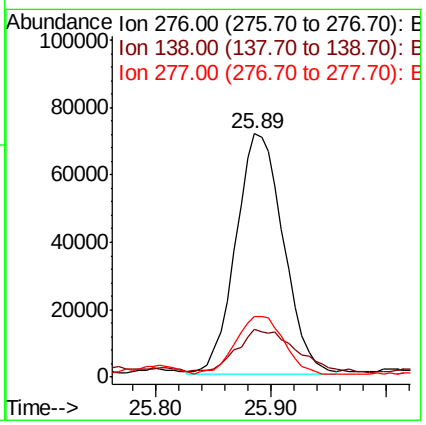


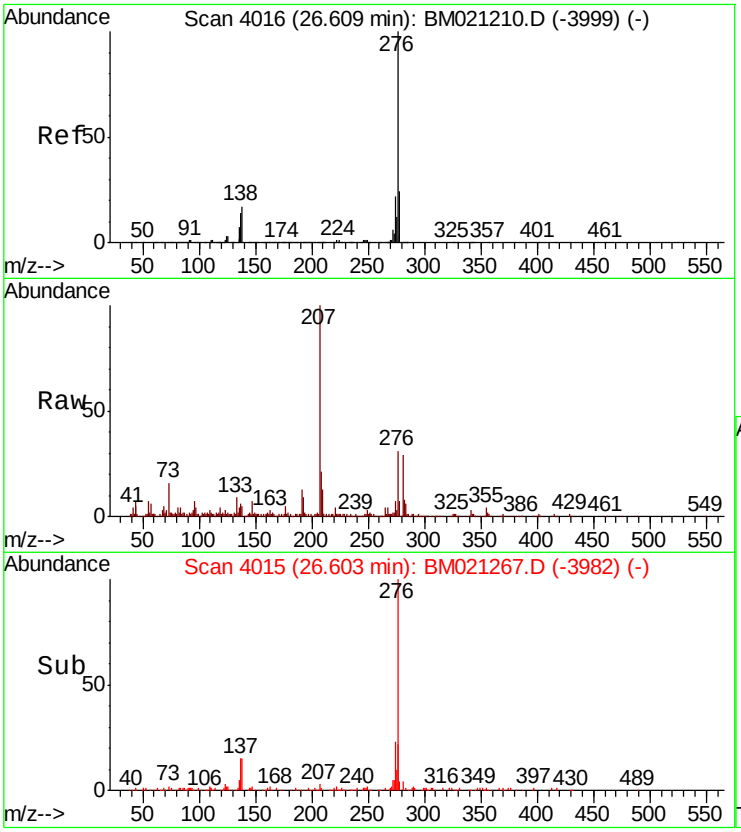


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.139 ng/ul
RT: 25.89 min Scan# 3893
Delta R.T. -0.02 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Tgt Ion:276 Resp: 204587

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.9	23.9
277	25.1	20.4	30.6





#93
Benzo(g,h,i)perylene
Concen: 2.058 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM021267.D
Acq: 29 Jun 2019 18:15

Instrument :
BNA_M
ClientSampleId :
C7BC6

Tgt Ion:276 Resp: 162113

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.6	21.8
277	23.0	18.9	28.3