Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024787.D
Acq On : 08 Feb 2020 07:16
Operator : CG/JU
Sample : L1400-07
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 10 00:11:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	313429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1217820	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	806295	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1726945	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1688851	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1750372	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	21895	3.36	ng/uL	0.00
5) Phenol-d5	6.60	99	352934	16.95	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	240211	20.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	335241	17.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	311781	17.75	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	178122	20.23	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	208363	20.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	354375	16.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	452485	23.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1275157	20.95	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1267193	17.83	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	155004	15.67	ng/ul	0.00
58) Fluorene-d10	15.06	176	1004997	18.65	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	178886	15.89	ng/ul	0.00
71) Anthracene-d10	16.91	188	1407697	17.86	ng/ul	0.00
79) Pyrene-d10	19.22	212	1455248	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1444616	16.43	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.85	178	622559	6.612	ng/ul	99
72) Anthracene	16.95	178	136373	1.428	ng/ul	98
77) Fluoranthene	18.88	202	1357788	11.746	ng/ul	99
80) Pyrene	19.24	202	1021238	9.135	ng/ul	100
83) Benzo(a)anthracene	21.01	228	675177	5.935	ng/ul	99
85) Chrysene	21.06	228	607944	5.428	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	883207	7.935	ng/ul#	97
89) Benzo(k)fluoranthene	22.51	252	883207	8.244	ng/ul#	98
91) Benzo(a)pyrene	23.03	252	469252	4.703	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	25.17	276	369230	2.972	ng/ul	96
93) Dibenzo(a,h)anthracene	25.18	278	110434	1.043	ng/ul#	92
94) Benzo(g,h,i)perylene	25.79	276	255914	2.477	ng/ul	99

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

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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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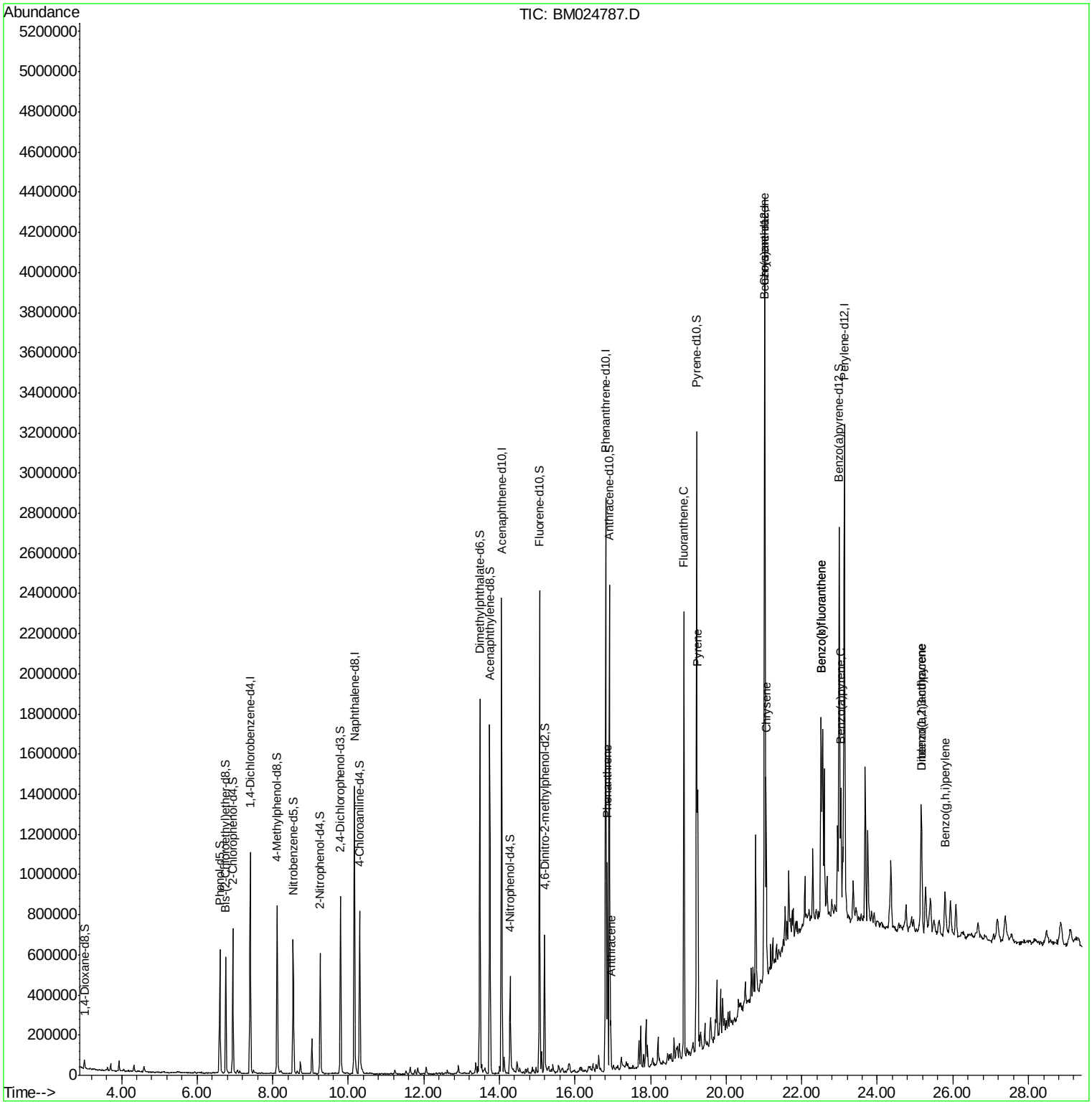
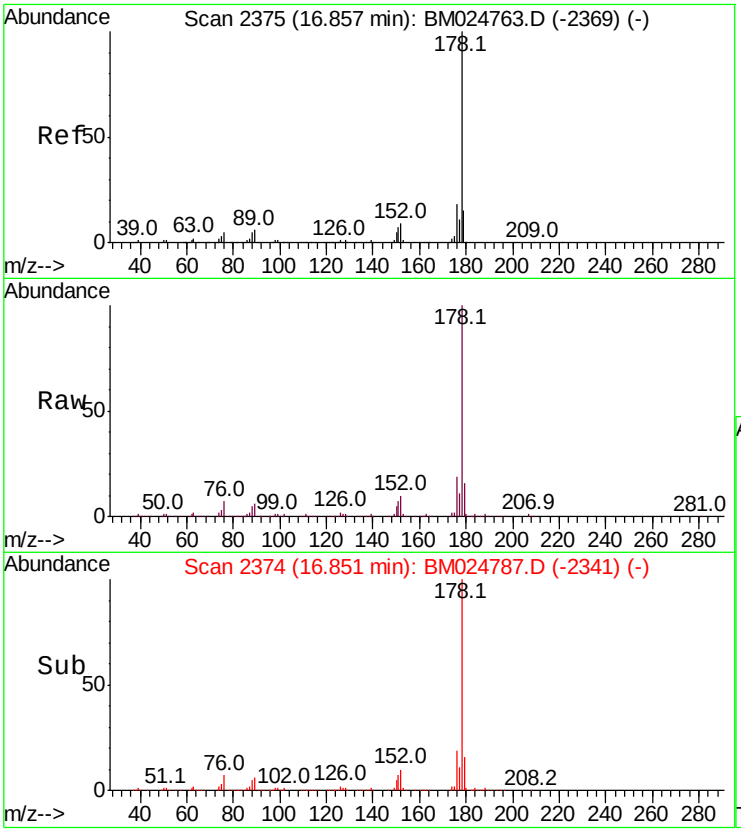
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration



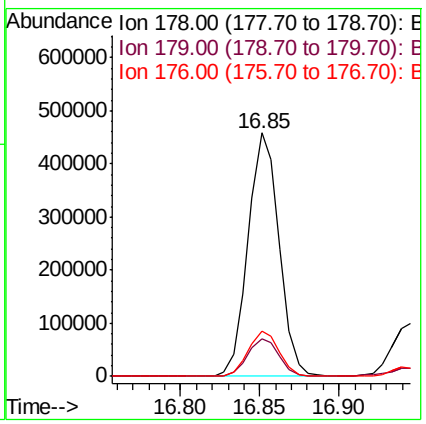


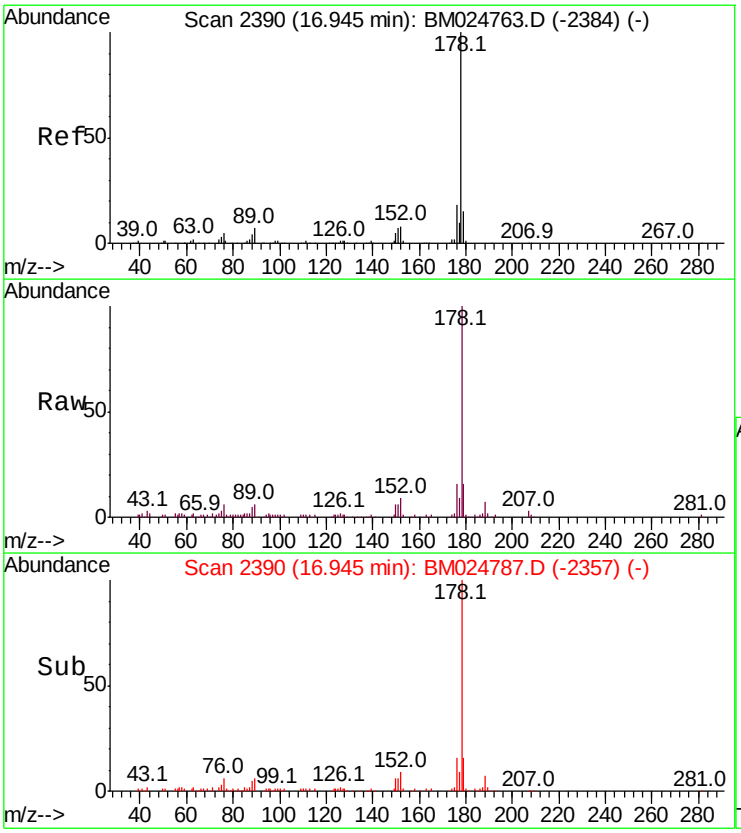
#70
Phenanthrene
Concen: 6.612 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 622559

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.5	14.5	21.7

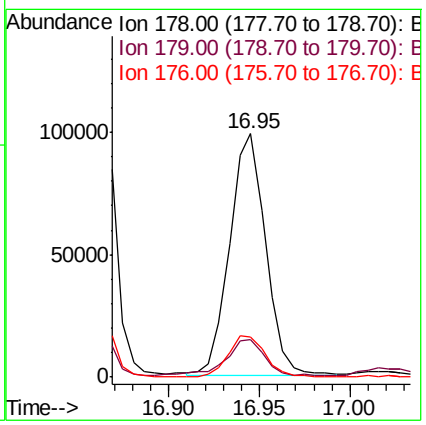


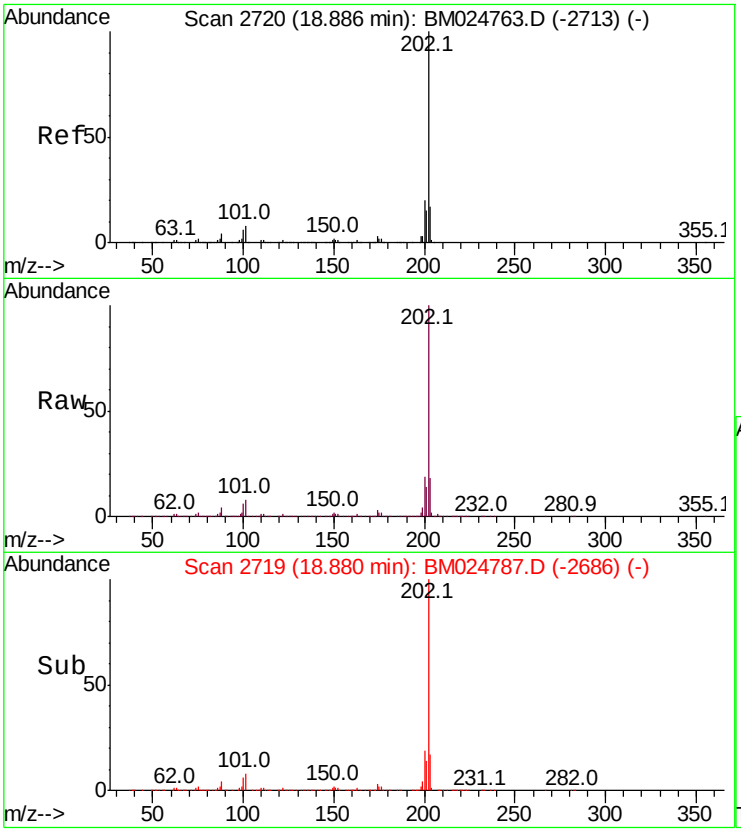


#72
Anthracene
Concen: 1.428 ng/ul
RT: 16.95 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Tgt Ion:178 Resp: 136373

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	16.5	14.1	21.1



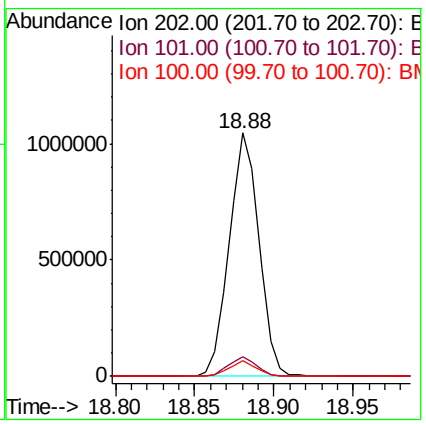


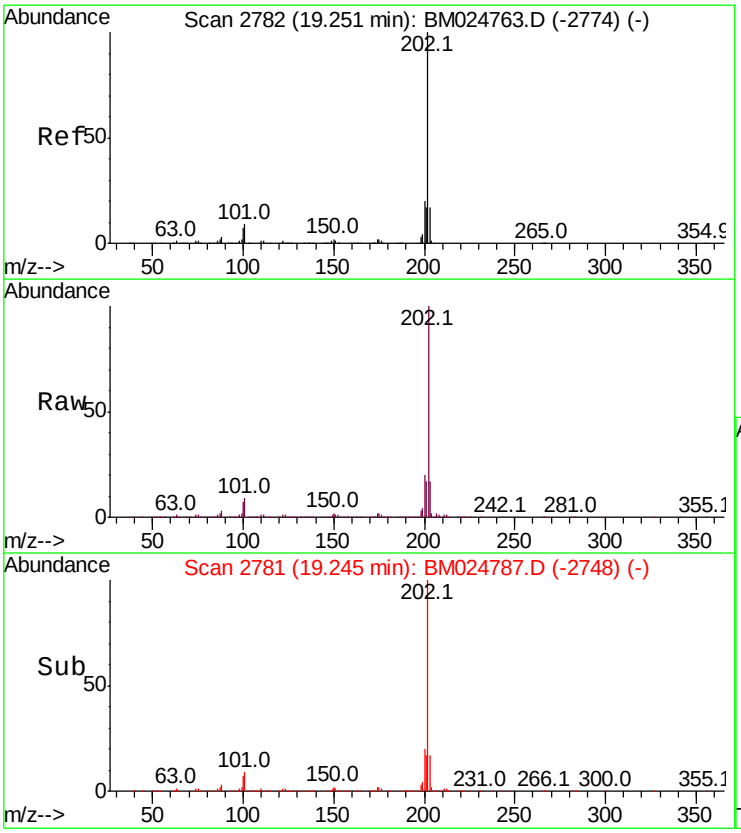
#77
Fluoranthene
Concen: 11.746 ng/ul
RT: 18.88 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1357788

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	6.4	4.8	7.2

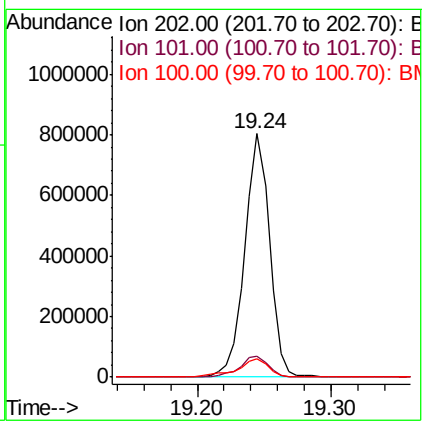


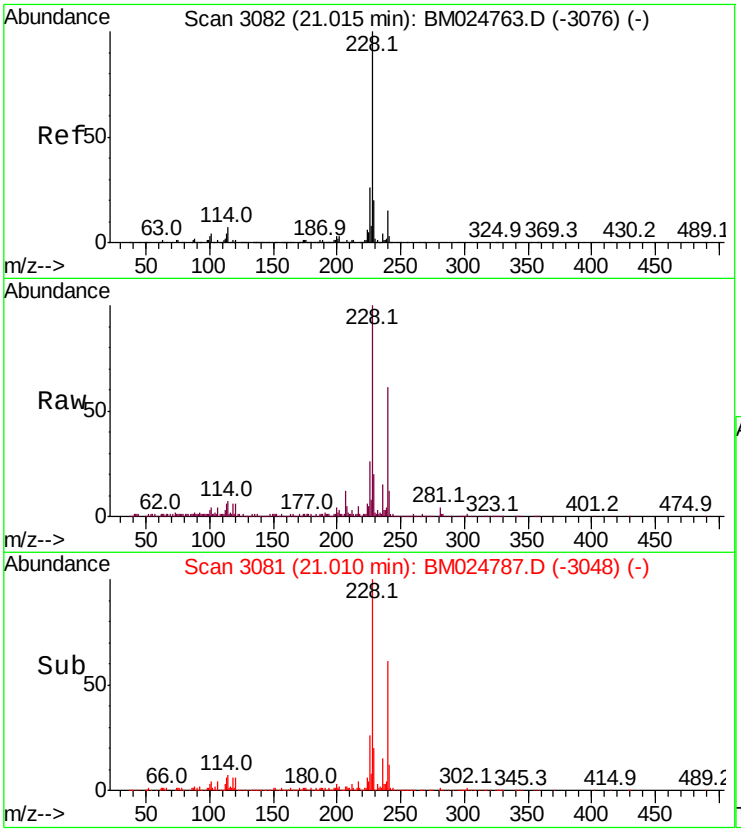


#80
Pyrene
Concen: 9.135 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Tgt Ion:202 Resp: 1021238

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.4
100	7.4	5.8	8.8



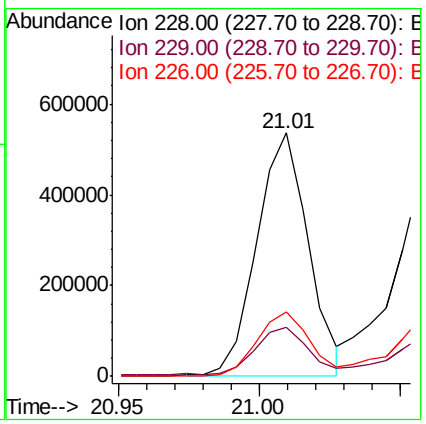


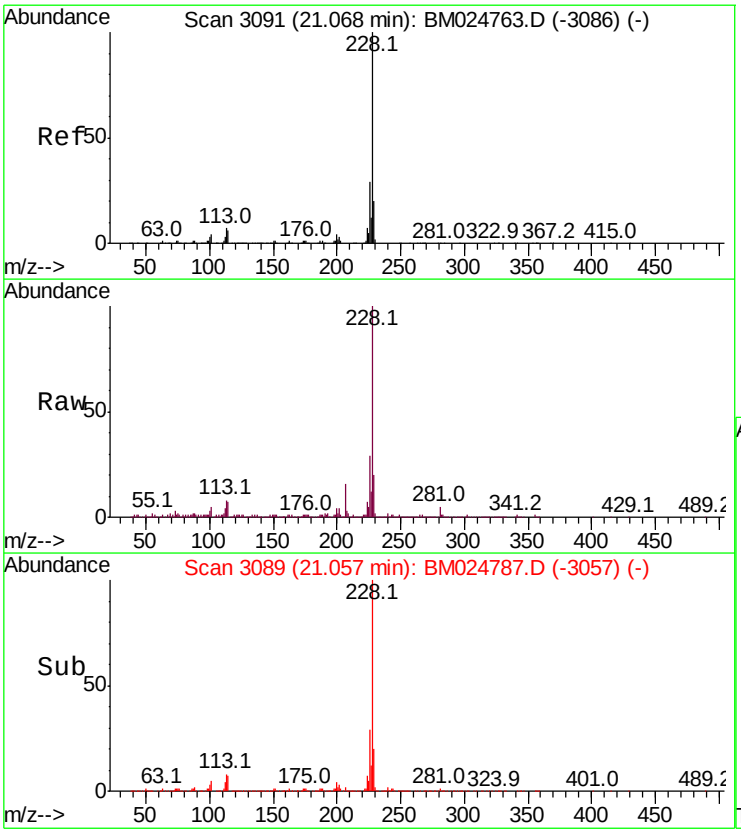
#83
Benzo(a)anthracene
Concen: 5.935 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 675177

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.4	20.8	31.2

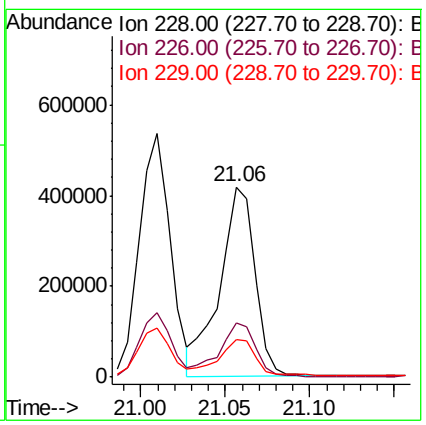


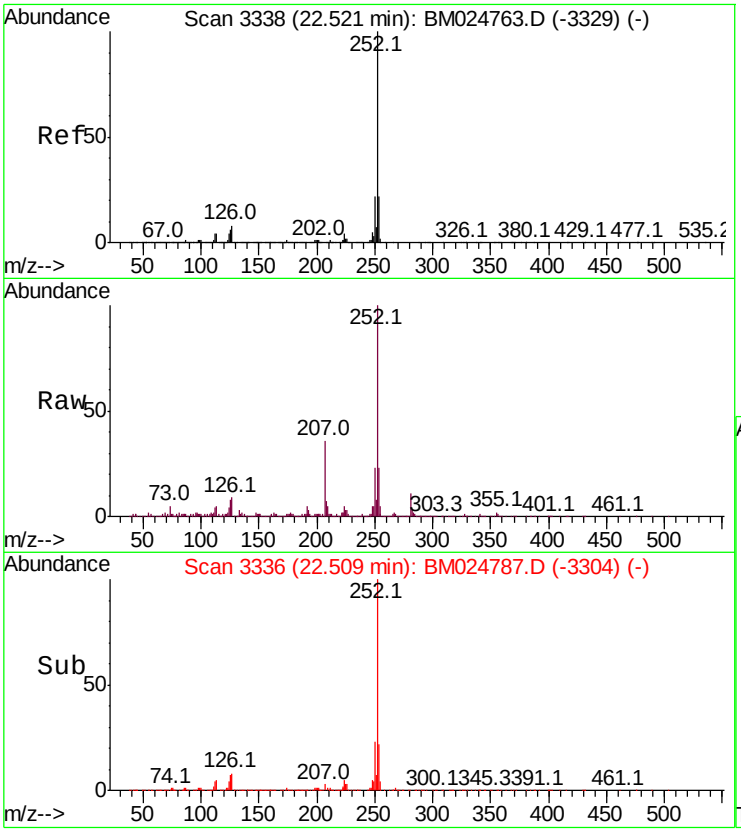


#85
Chrysene
Concen: 5.428 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Tgt Ion:228 Resp: 607944

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.4
229	20.1	15.8	23.8



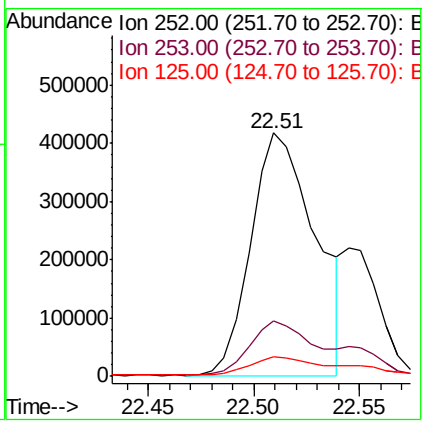


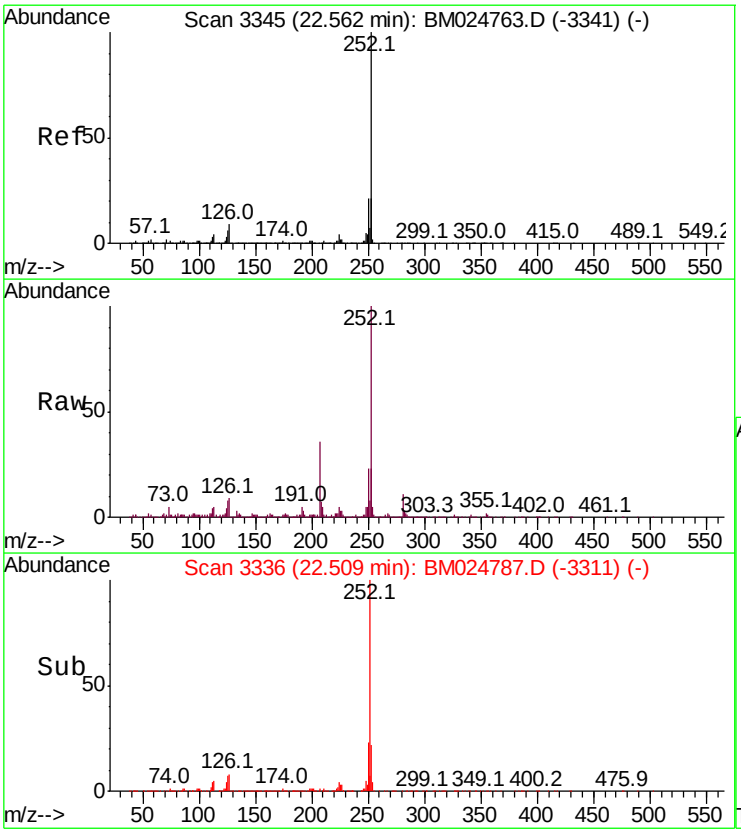
#88
Benzo(b)fluoranthene
Concen: 7.935 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 883207

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	7.8	5.1	7.7#

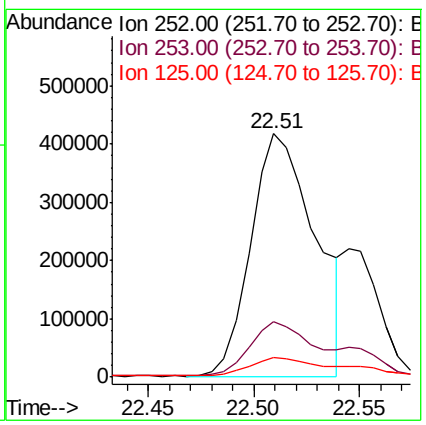


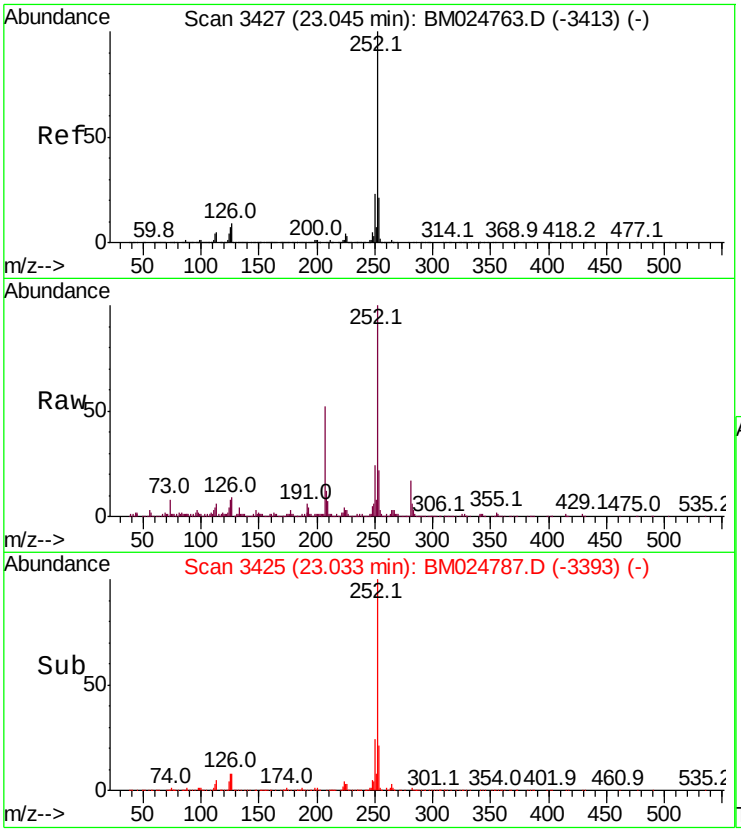


#89
Benzo(k)fluoranthene
Concen: 8.244 ng/ul
RT: 22.51 min Scan# 3336
Delta R.T. -0.05 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Tgt Ion:252 Resp: 883207

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	7.8	5.1	7.7#



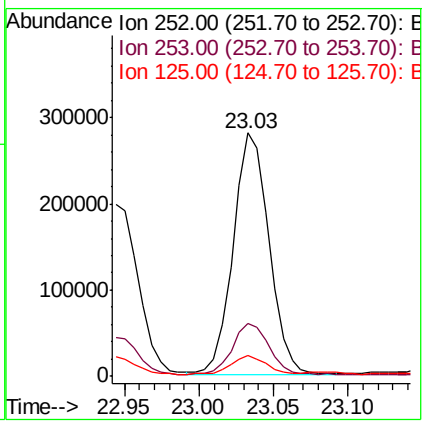


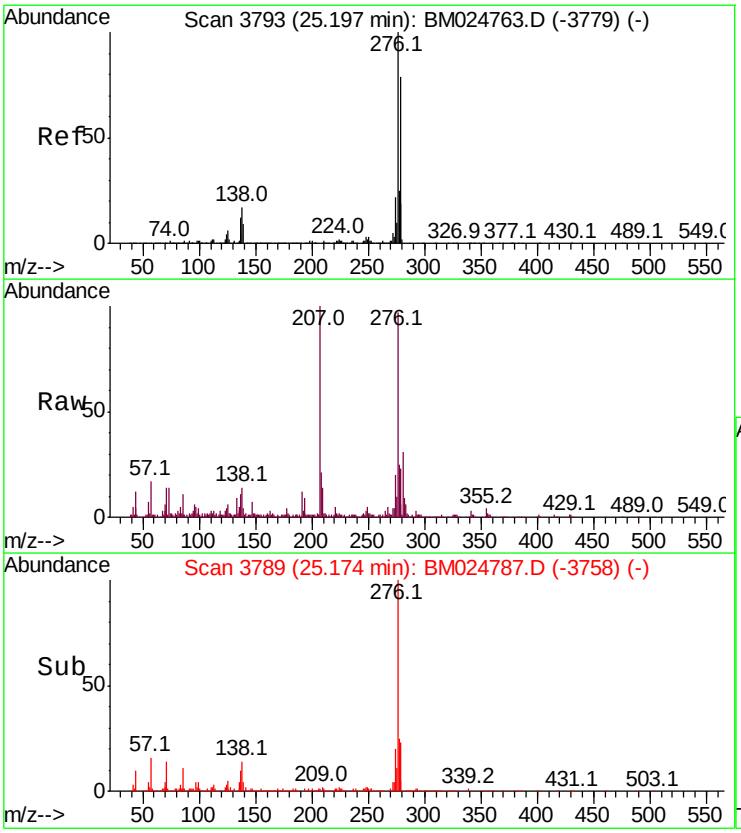
#91
Benzo(a)pyrene
Concen: 4.703 ng/ul
RT: 23.03 min Scan# 3425
Delta R.T. -0.01 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 469252

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.4	5.6	8.4#

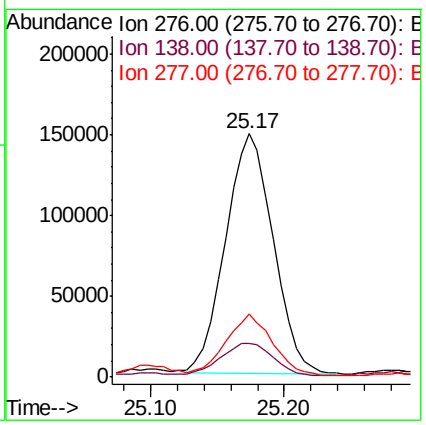


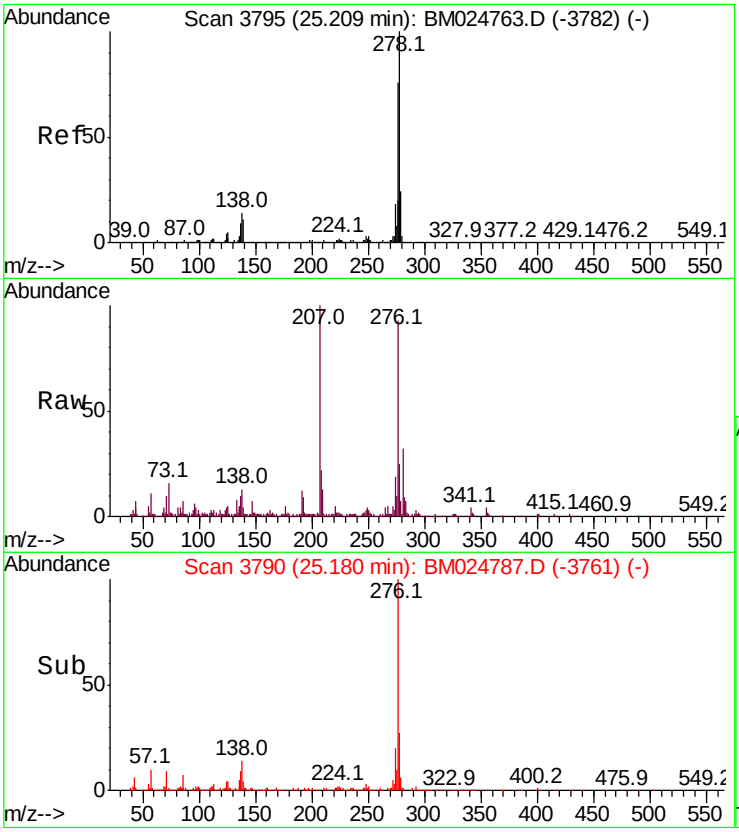


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.972 ng/ul
RT: 25.17 min Scan# 3789
Delta R.T. -0.02 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Tgt Ion:276 Resp: 369230

Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.8	19.2
277	25.7	19.3	28.9



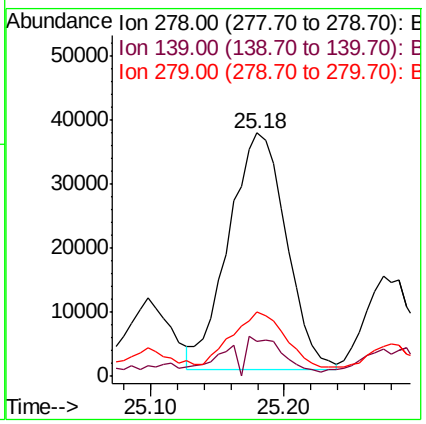


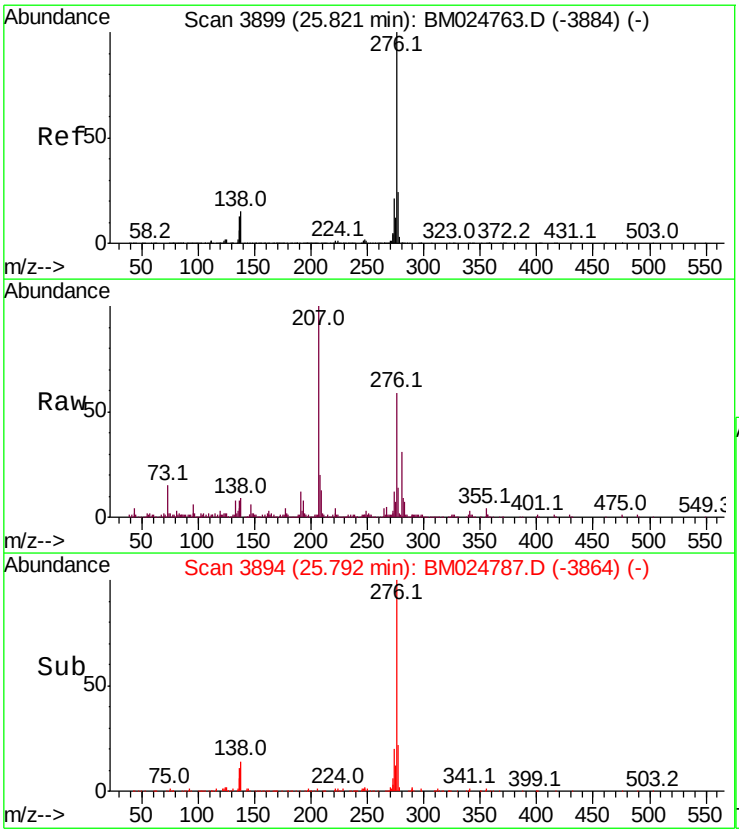
#93
Dibenzo(a,h)anthracene
Concen: 1.043 ng/ul
RT: 25.18 min Scan# 3790
Delta R.T. -0.03 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 110434

Ion	Ratio	Lower	Upper
278	100		
139	14.4	8.4	12.6#
279	26.3	18.5	27.7





#94
Benzo(g,h,i)perylene
Concen: 2.477 ng/ul
RT: 25.79 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BM024787.D
Acq: 08 Feb 2020 07:16

Tgt Ion:276 Resp: 255914

Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.8	17.6
277	23.0	19.0	28.6