Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027101.D
Acq On : 14 Aug 2020 23:57
Operator : JU/CG
Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMM4

Quant Time: Aug 17 01:24:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	138416	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	496553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	322182	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	687212	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	769677	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	784346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6868	2.25	ng/uL	0.00
5) Phenol-d5	6.82	99	147381	13.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	105123	14.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	119436	14.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	112047	13.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	58023	14.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	61546	15.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	130107	15.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	108378	10.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	419223	16.32	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	470539	15.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47870	11.04	ng/ul	0.00
58) Fluorene-d10	15.27	176	345778	15.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	37846	10.08	ng/ul	0.00
71) Anthracene-d10	17.11	188	516478	15.26	ng/ul	0.00
79) Pyrene-d10	19.41	212	578502	15.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	635580	14.52	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	21240	1.872	ng/ul	97
45) Dimethylphthalate	13.73	163	62793	2.332	ng/ul#	99
70) Phenanthrene	17.06	178	245741	5.965	ng/ul	99
77) Fluoranthene	19.07	202	494884	9.906	ng/ul	99
80) Pyrene	19.44	202	466053	8.921	ng/ul	99
83) Benzo(a)anthracene	21.19	228	221860	4.282	ng/ul	95
85) Chrysene	21.24	228	269341	5.296	ng/ul	97
88) Benzo(b)fluoranthene	22.75	252	365311	6.707	ng/ul	99
89) Benzo(k)fluoranthene	22.75	252	365311	6.768	ng/ul	98
91) Benzo(a)pyrene	23.31	252	216900	4.376	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.59	276	163662	2.563	ng/ul	98
94) Benzo(g,h,i)perylene	26.26	276	139450	2.643	ng/ul	99

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

Quantitation Report (Not Reviewed)

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Instrument : BNA_M
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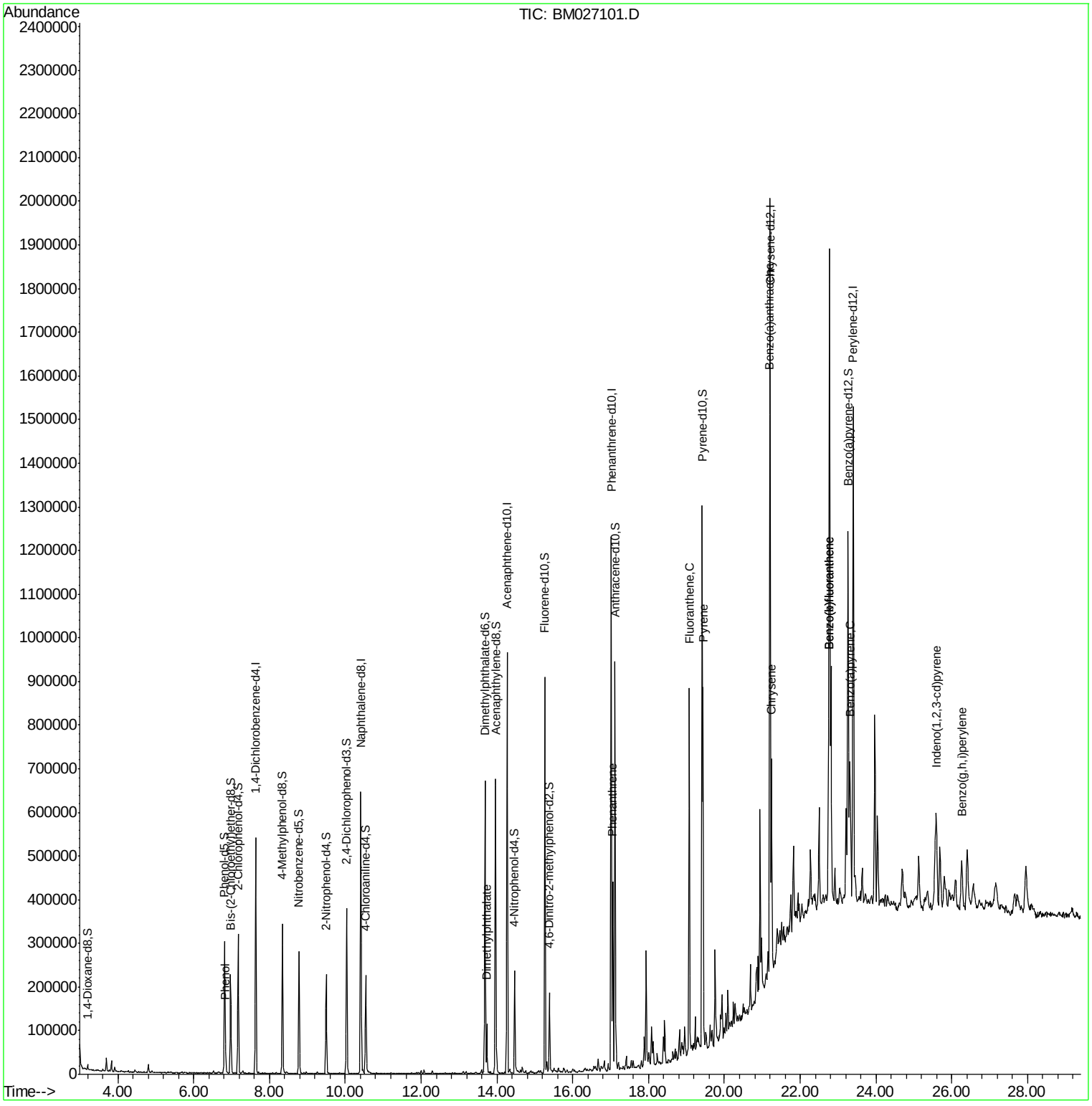
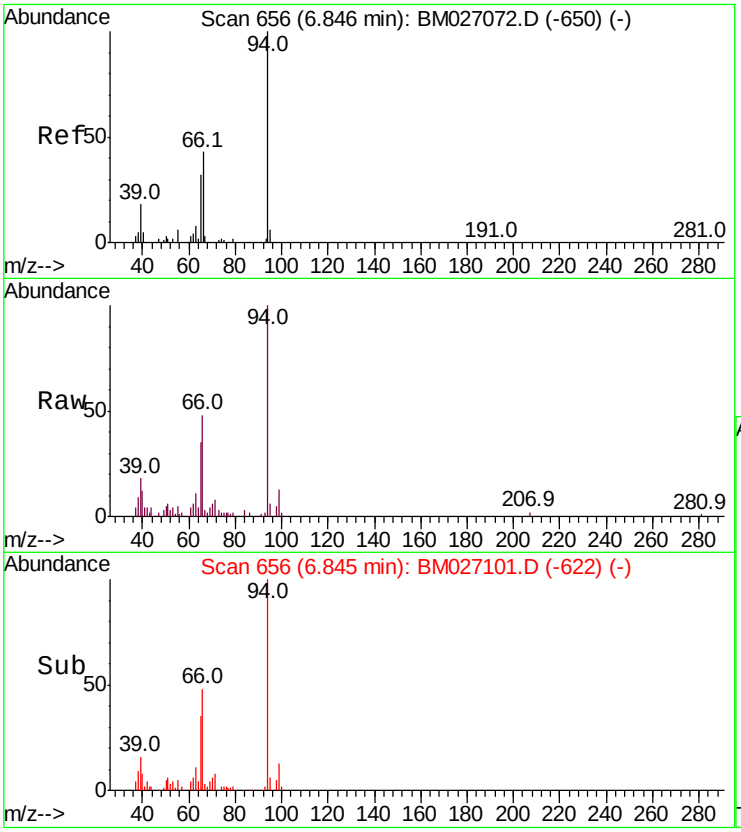
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration



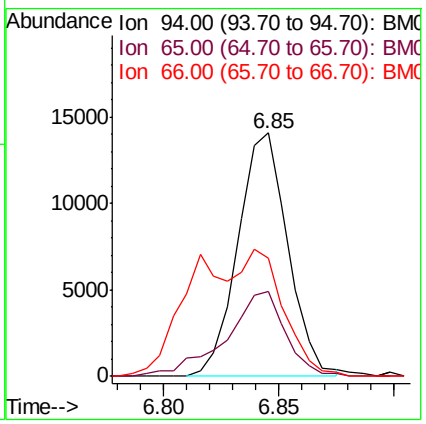


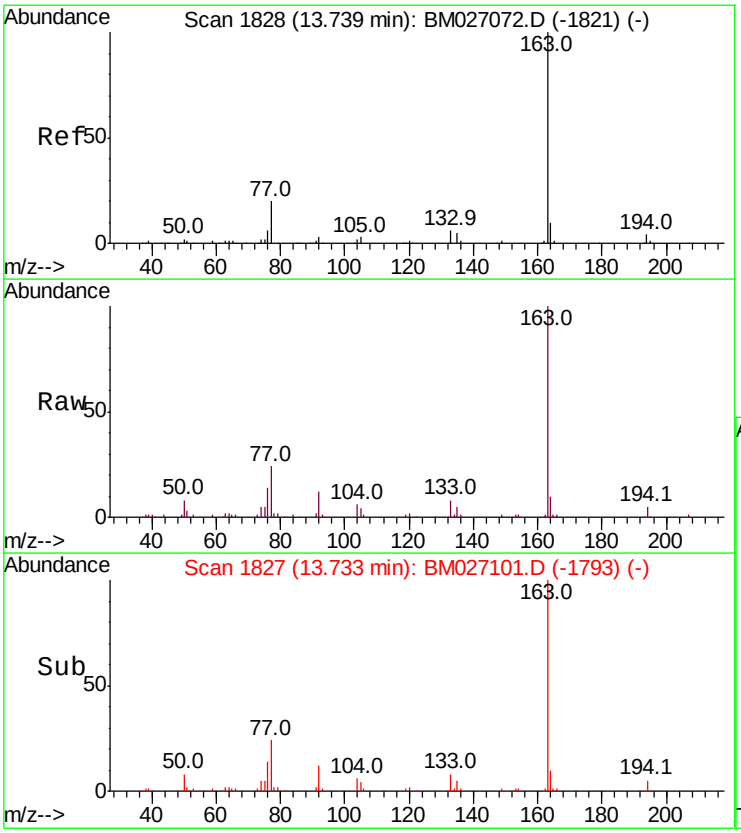
#6
Phenol
Concen: 1.872 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tgt Ion: 94 Resp: 21240

Ion	Ratio	Lower	Upper
94	100		
65	34.7	28.6	43.0
66	48.4	41.3	61.9

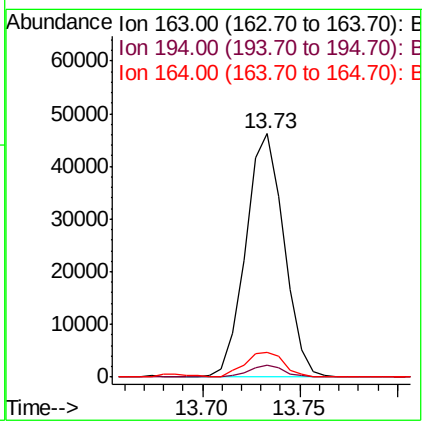


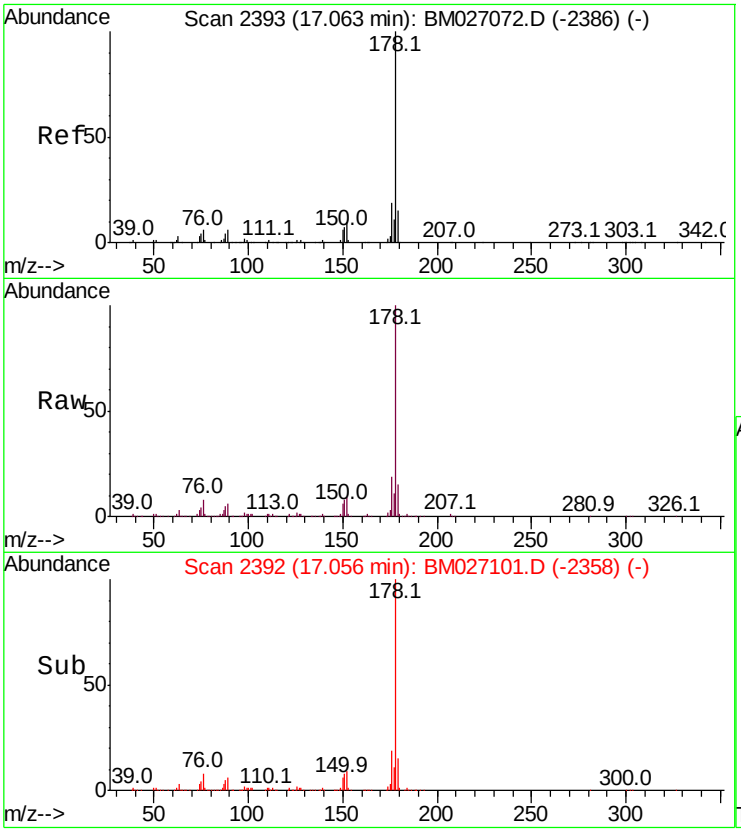


#45
Dimethylphthalate
Concen: 2.332 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:163 Resp: 62793

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.2	4.8#
164	9.9	8.2	12.2



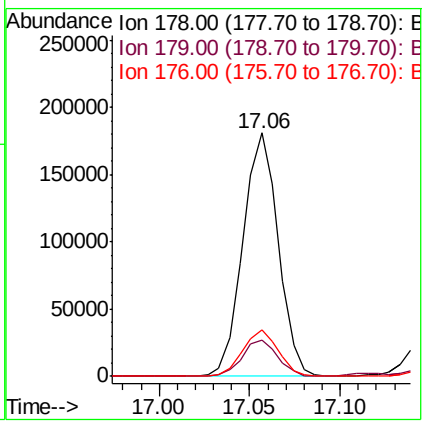


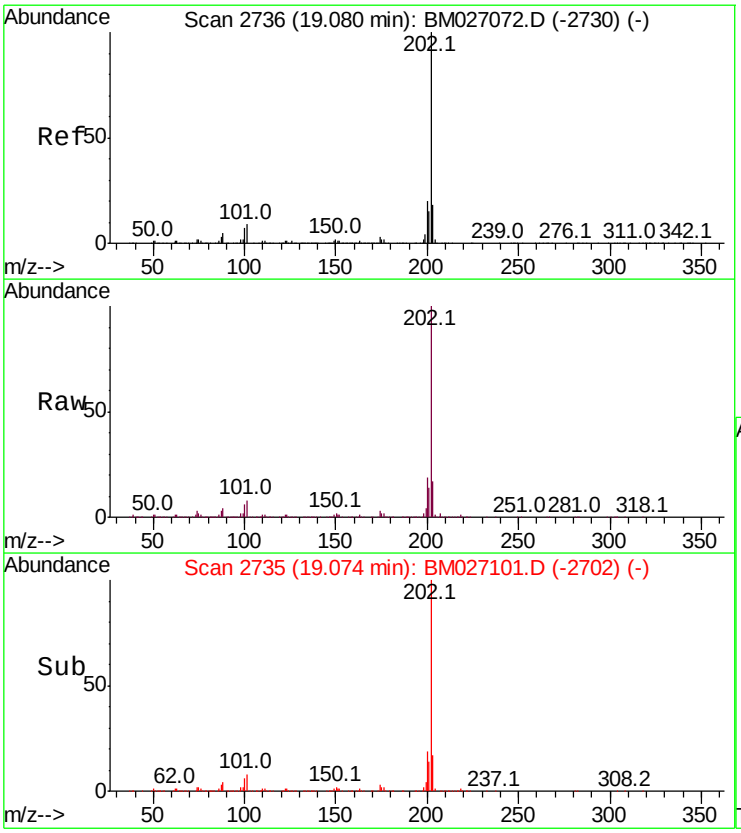
#70
Phenanthrene
Concen: 5.965 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tgt Ion:178 Resp: 245741

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.9	17.9
176	18.9	14.6	22.0

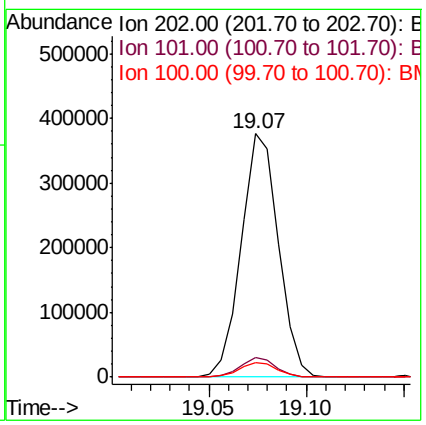


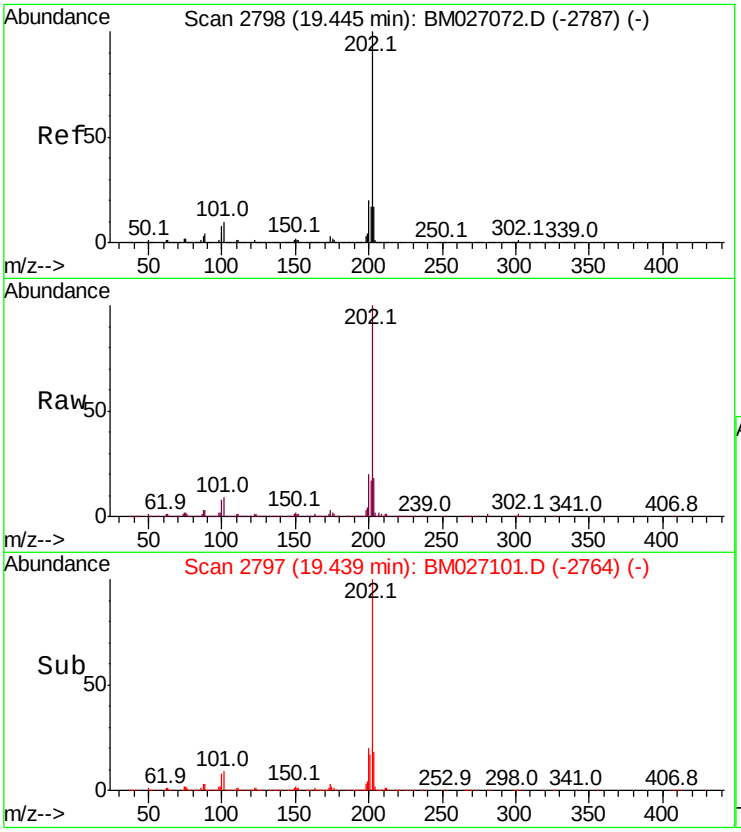


#77
Fluoranthene
Concen: 9.906 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:202 Resp: 494884

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.7	10.1
100	6.1	5.4	8.2



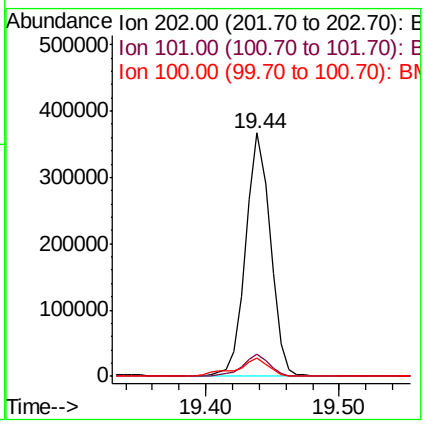


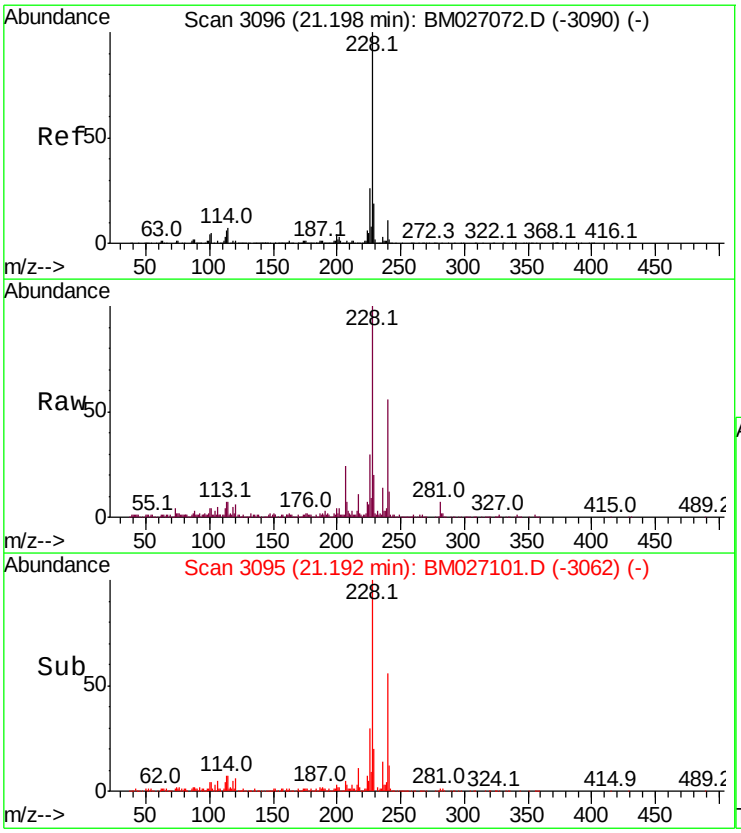
#80
Pyrene
Concen: 8.921 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tgt Ion:202 Resp: 466053

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.6	11.4
100	7.6	6.3	9.5

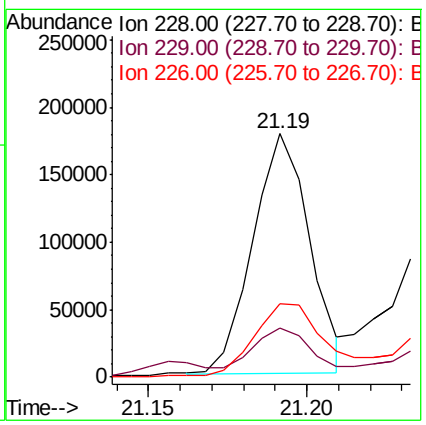


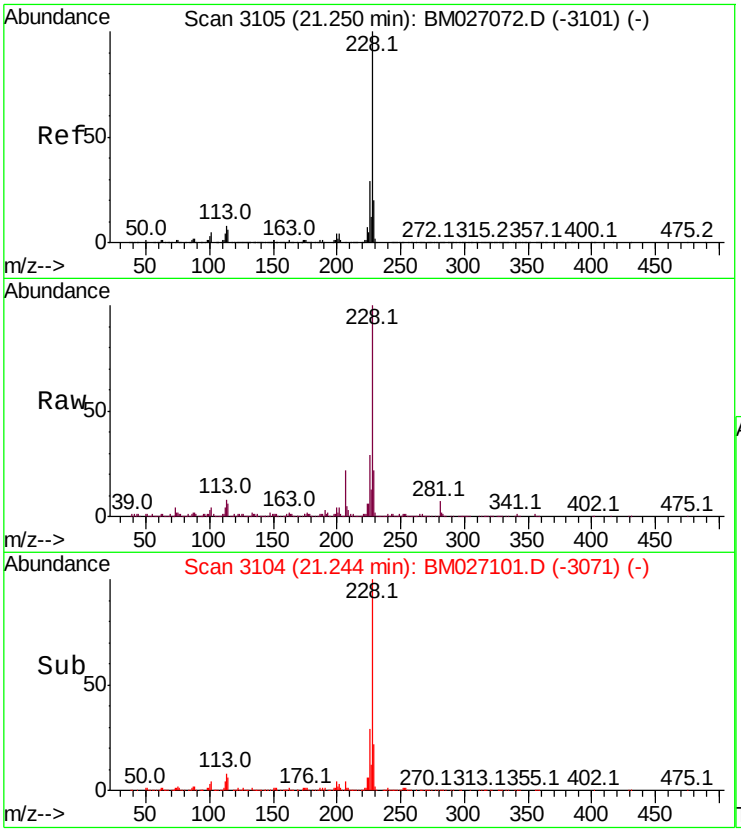


#83
Benzo(a)anthracene
Concen: 4.282 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:228 Resp: 221860

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	30.2	21.2	31.8



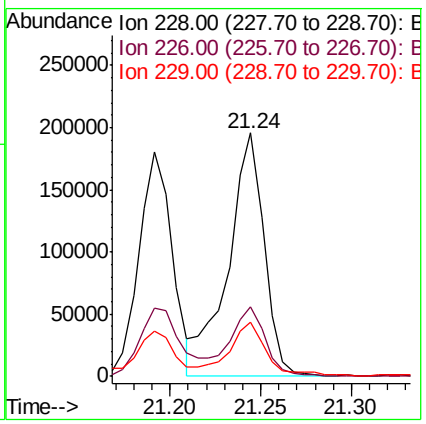


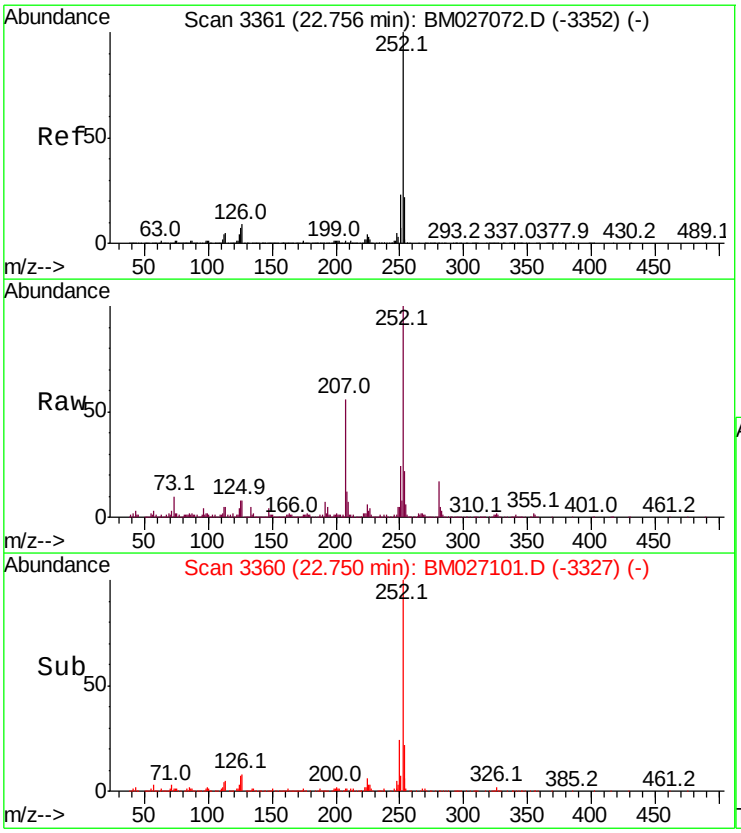
#85
Chrysene
Concen: 5.296 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tgt Ion:228 Resp: 269341

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.6
229	22.2	15.8	23.8

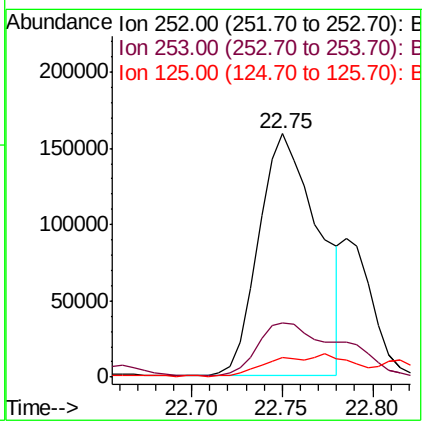


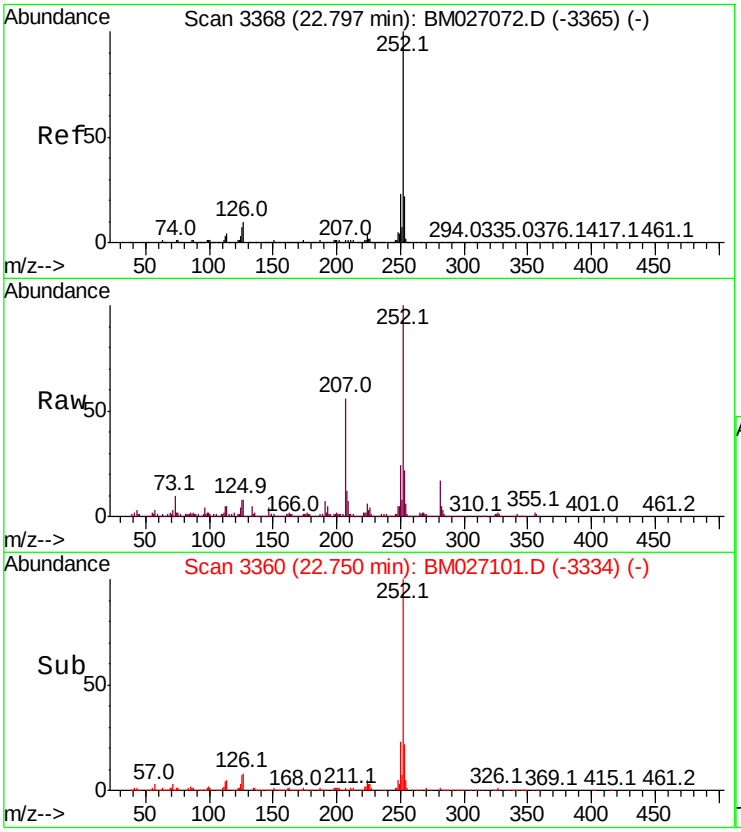


#88
Benzo(b)fluoranthene
Concen: 6.707 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:252 Resp: 365311

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	7.8	6.0	9.0



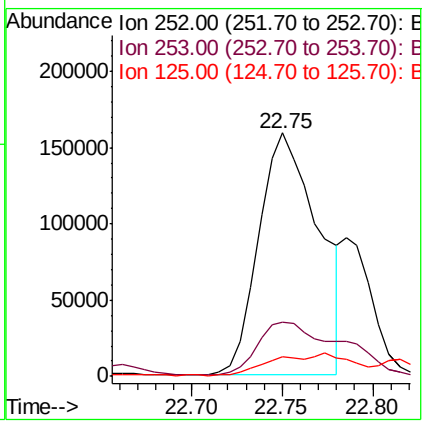


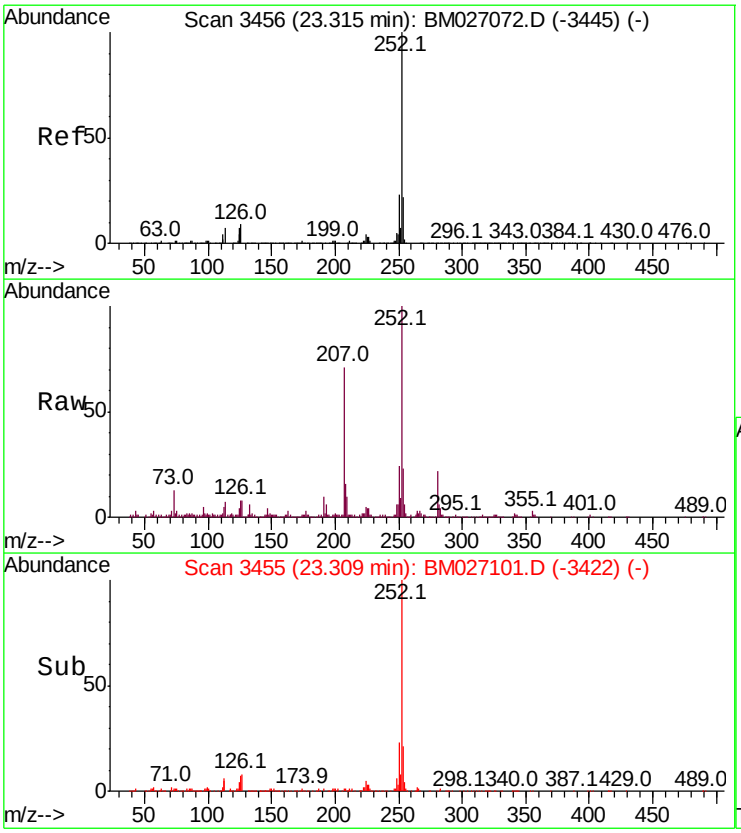
#89
Benzo(k)fluoranthene
Concen: 6.768 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tgt Ion:252 Resp: 365311

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	7.8	5.5	8.3

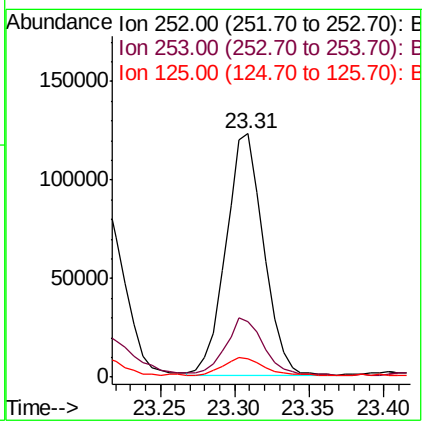


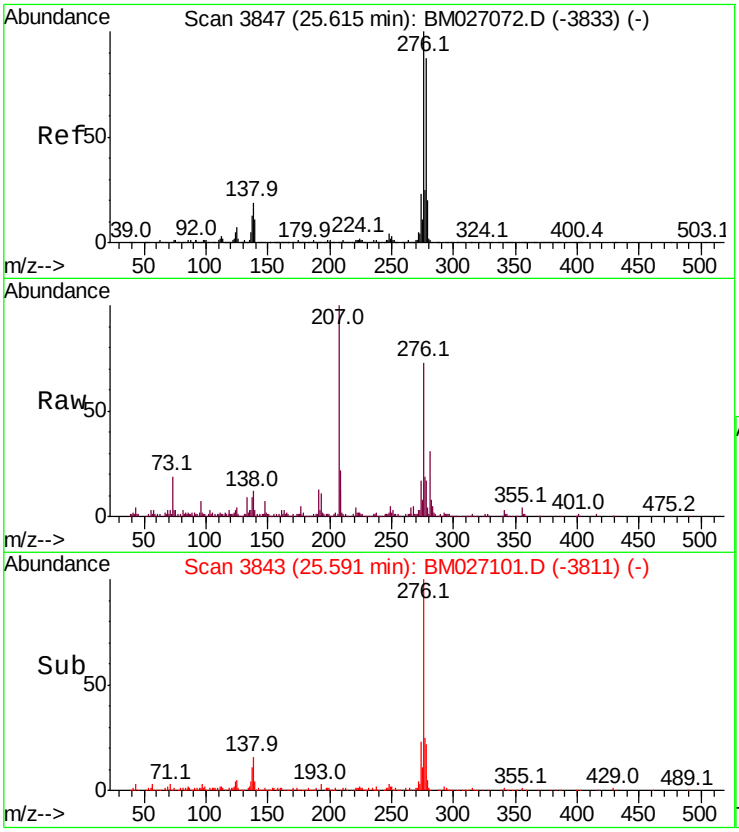


#91
Benzo(a)pyrene
Concen: 4.376 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:252 Resp: 216900

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	7.5	5.8	8.8



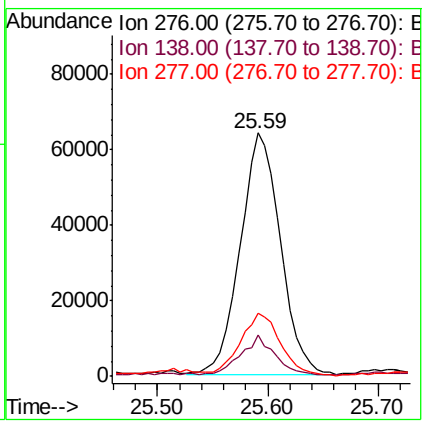


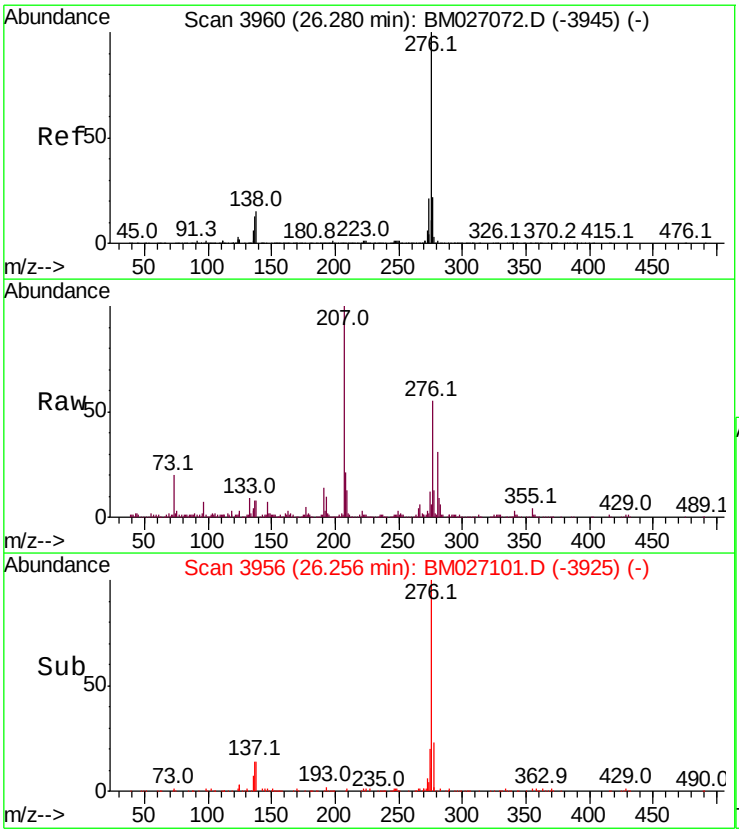
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.563 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Instrument :
BNA_M
ClientSampleId :
BFMM4

Tgt Ion:276 Resp: 163662

Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.9	20.9
277	25.7	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 2.643 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.02 min
Lab File: BM027101.D
Acq: 14 Aug 2020 23:57

Tgt Ion:276 Resp: 139450

Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.3	18.5
277	24.2	19.0	28.6