Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027104.D
Acq On : 15 Aug 2020 01:45
Operator : JU/CG
Sample : L3631-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMM9

Quant Time: Aug 17 01:24:26 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	156125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	558635	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	363970	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	769595	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	800004	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	815507	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	7311	2.13	ng/uL	0.00
5) Phenol-d5	6.82	99	164917	13.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	121897	14.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	132736	13.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	127334	13.45	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	65010	14.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	68908	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	134868	13.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	135992	12.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	460704	15.87	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	506129	14.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	47628	9.72	ng/ul	0.00
58) Fluorene-d10	15.26	176	373305	14.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	37012	8.80	ng/ul	0.00
71) Anthracene-d10	17.11	188	540713	14.26	ng/ul	0.00
79) Pyrene-d10	19.41	212	592996	14.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	638996	14.04	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	23099	1.805	ng/ul	92
45) Dimethylphthalate	13.73	163	82496	2.712	ng/ul	98
70) Phenanthrene	17.06	178	344432	7.465	ng/ul	98
72) Anthracene	17.14	178	76875	1.638	ng/ul	99
77) Fluoranthene	19.07	202	616246	11.015	ng/ul	99
80) Pyrene	19.44	202	520456	9.584	ng/ul	98
83) Benzo(a)anthracene	21.19	228	300479	5.579	ng/ul	96
85) Chrysene	21.24	228	310562	5.875	ng/ul	96
88) Benzo(b)fluoranthene	22.75	252	430635	7.605	ng/ul	98
89) Benzo(k)fluoranthene	22.75	252	430635	7.673	ng/ul	97
91) Benzo(a)pyrene	23.30	252	254455	4.937	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.60	276	187638	2.826	ng/ul	96
94) Benzo(g,h,i)perylene	26.26	276	148423	2.706	ng/ul	99

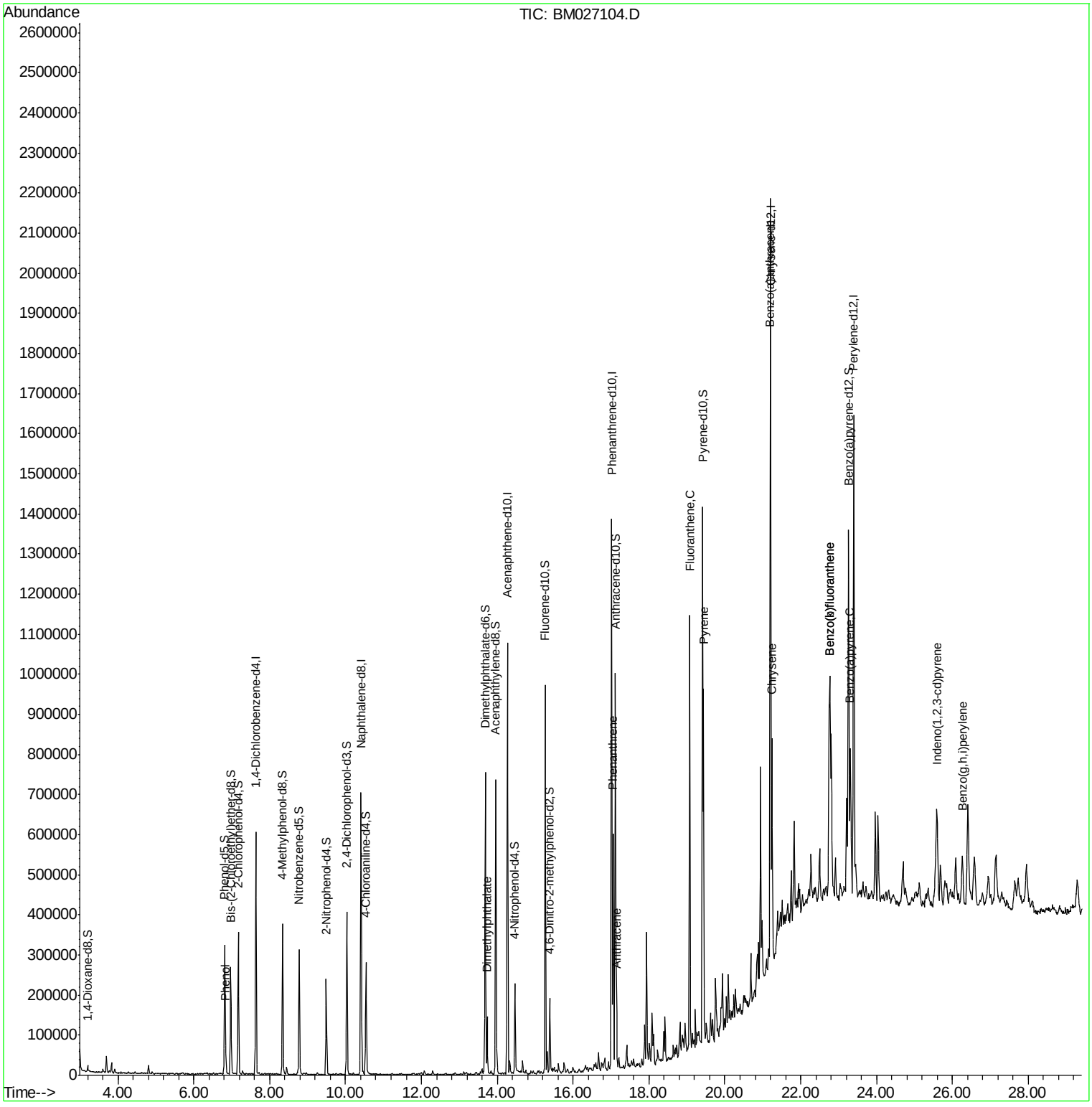
(#) = qualifier out of range (m) = manual integration (+) = signals summed

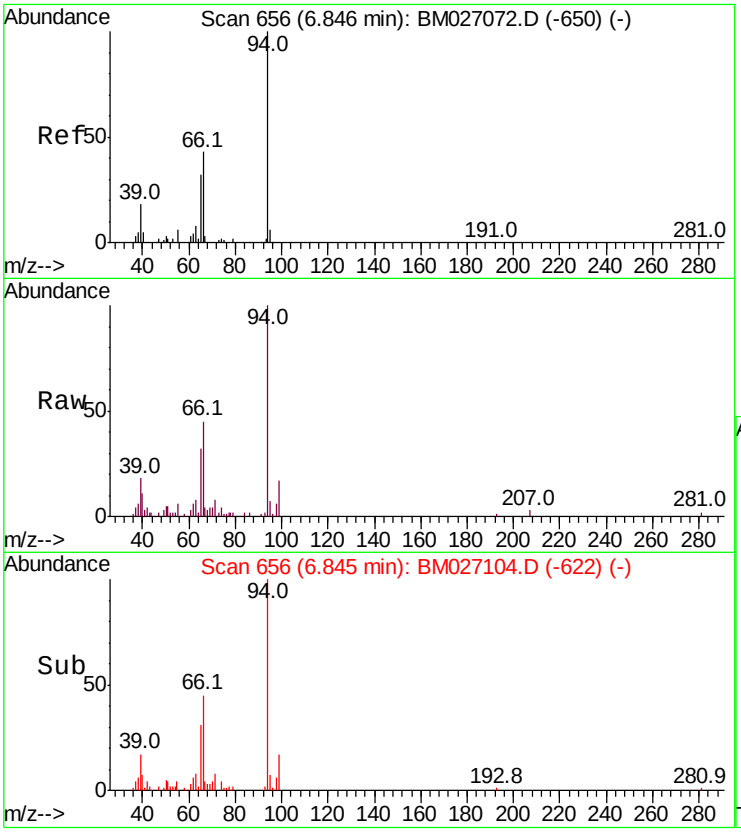
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027104.D
Acq On : 15 Aug 2020 01:45
Operator : JU/CG
Sample : L3631-13
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMM9

Quant Time: Aug 17 01:24:26 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



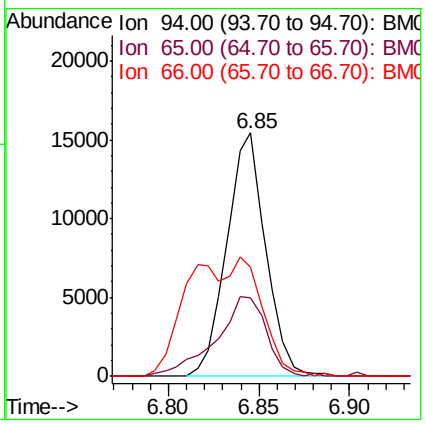


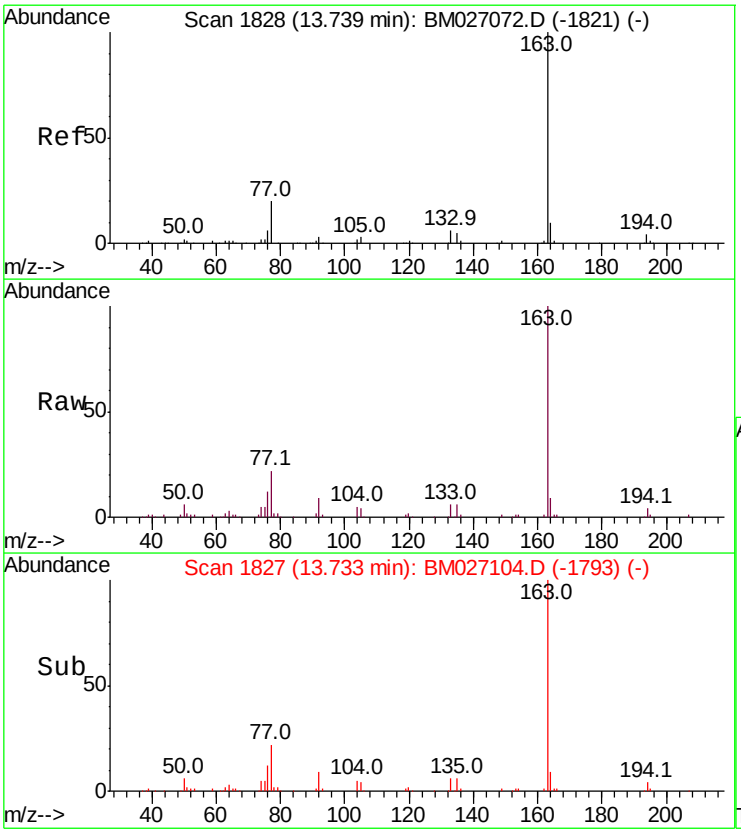
#6
Phenol
Concen: 1.805 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion: 94 Resp: 23099

Ion	Ratio	Lower	Upper
94	100		
65	32.3	28.6	43.0
66	44.7	41.3	61.9

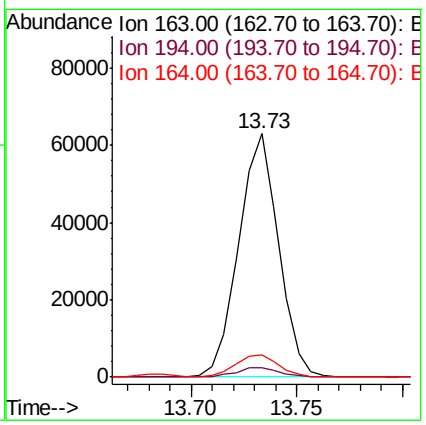


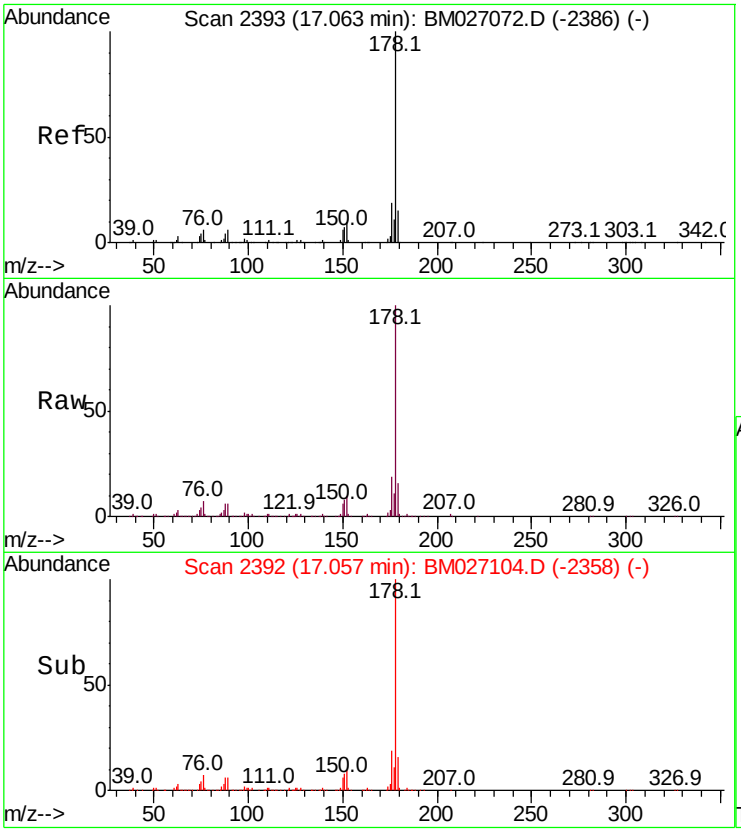


#45
Dimethylphthalate
Concen: 2.712 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Tgt Ion:163 Resp: 82496

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.1	8.2	12.2



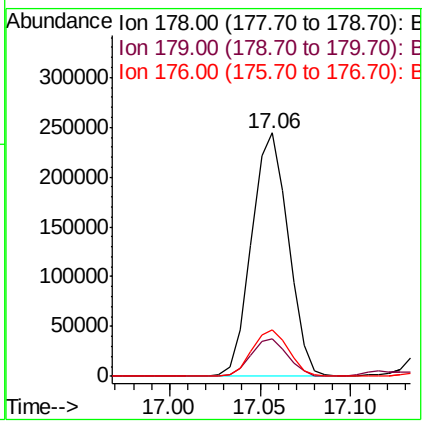


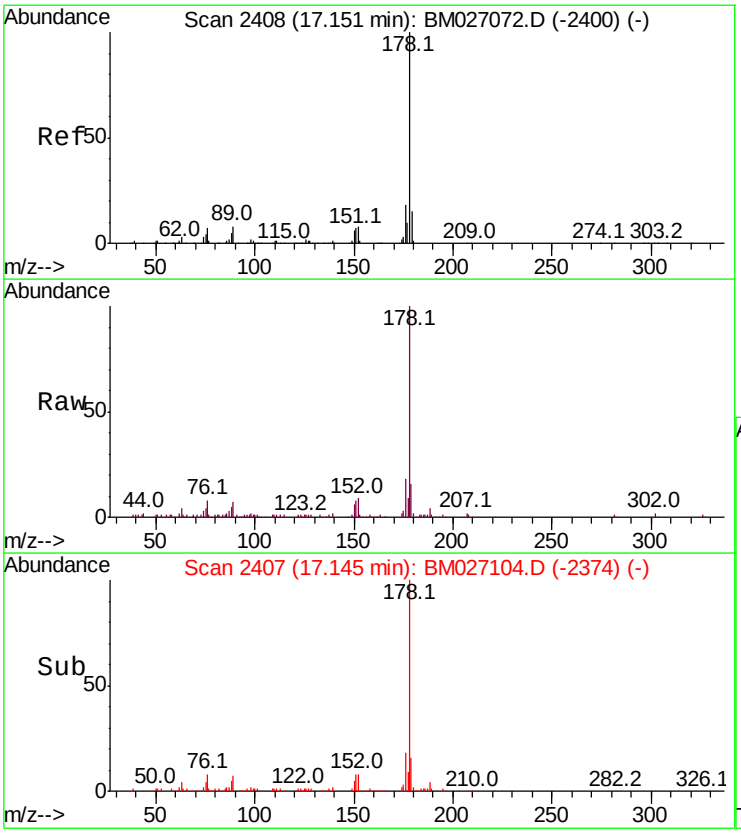
#70
Phenanthrene
Concen: 7.465 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion:178 Resp: 344432

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	19.3	14.6	22.0

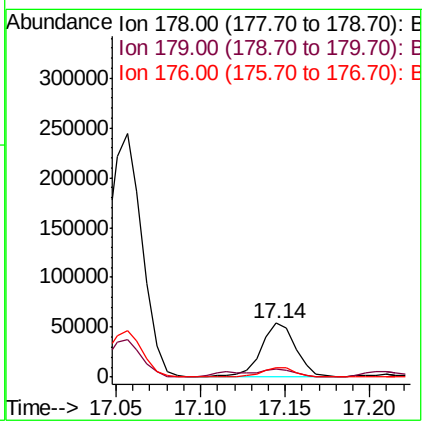


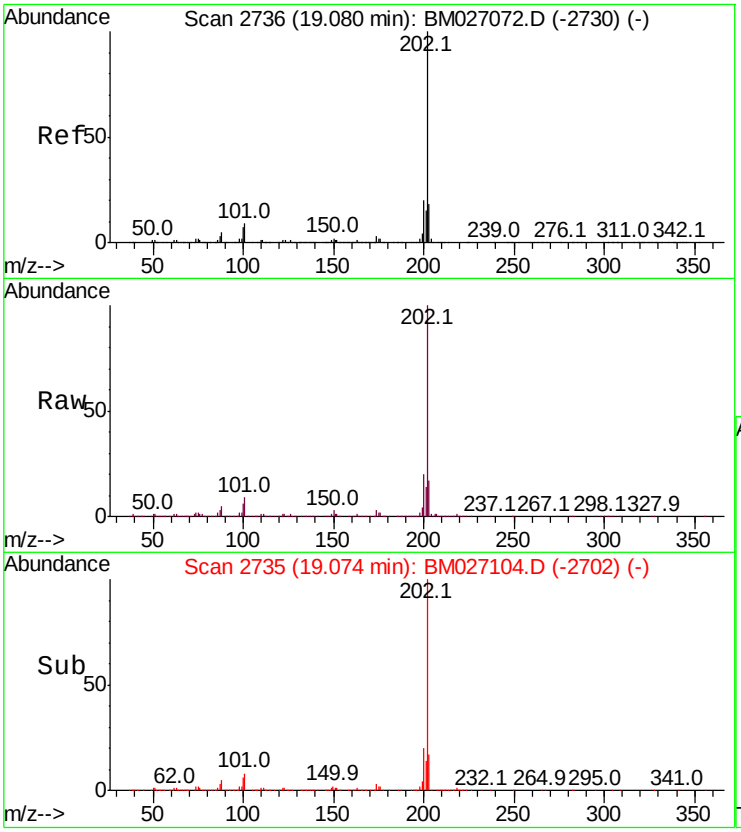


#72
Anthracene
Concen: 1.638 ng/ul
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Tgt Ion:178 Resp: 76875

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.0	18.0
176	18.1	14.3	21.5



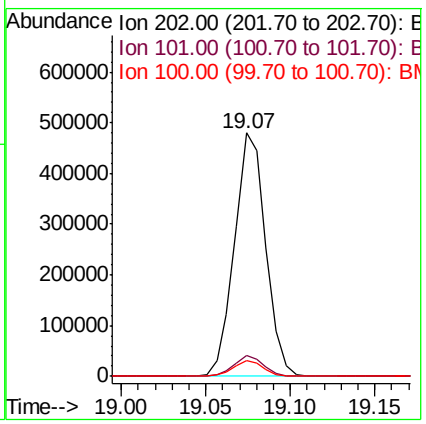


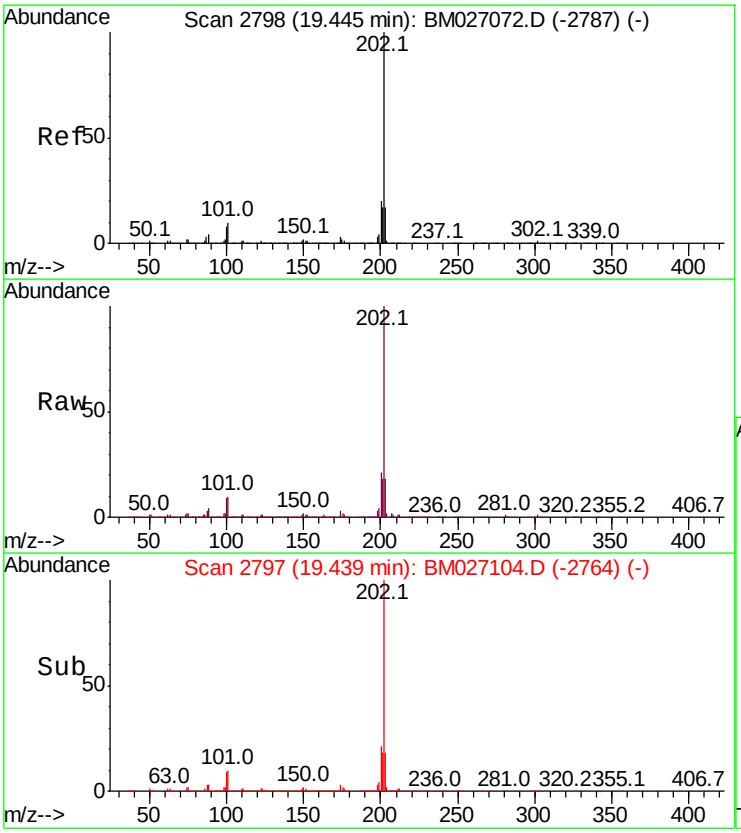
#77
Fluoranthene
Concen: 11.015 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion:202 Resp: 616246

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.4	5.4	8.2

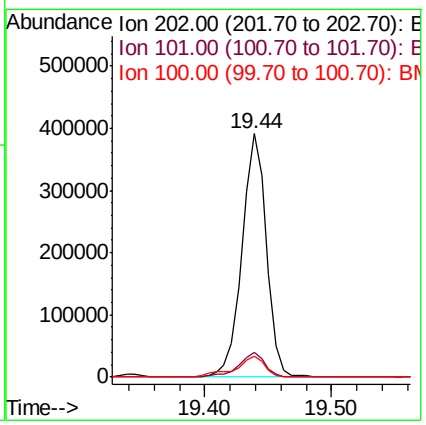


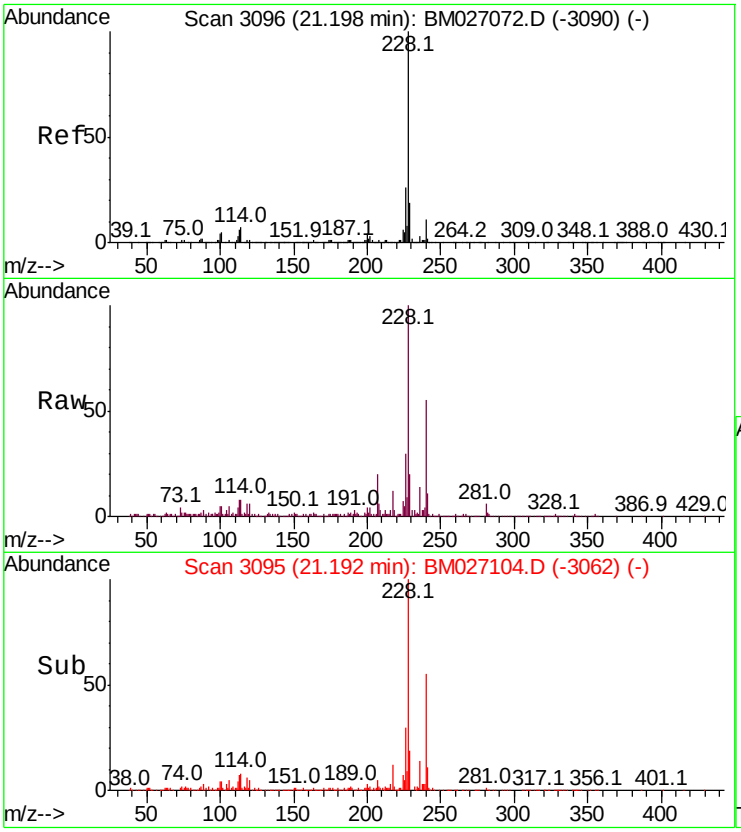


#80
Pyrene
Concen: 9.584 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Tgt Ion:202 Resp: 520456

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.6	11.4
100	8.5	6.3	9.5



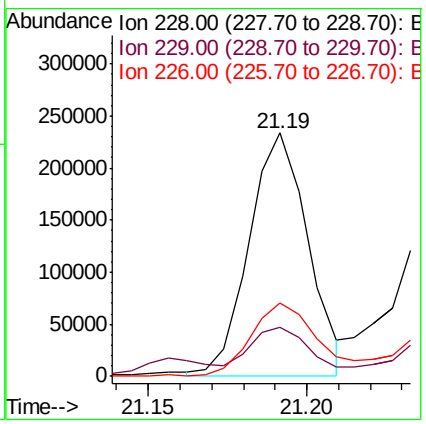


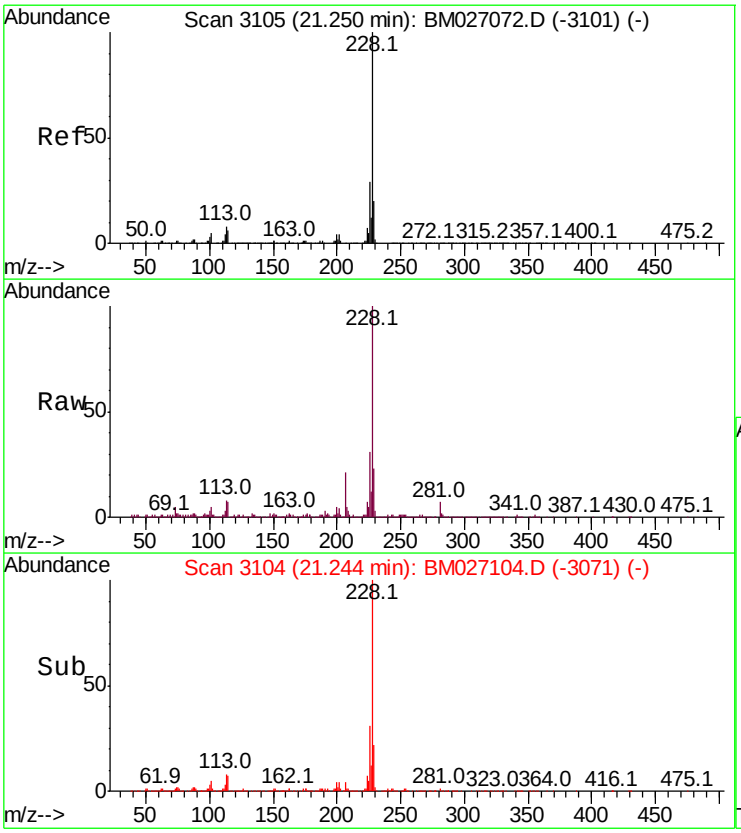
#83
Benzo(a)anthracene
Concen: 5.579 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion:228 Resp: 300479

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.6
226	30.0	21.2	31.8

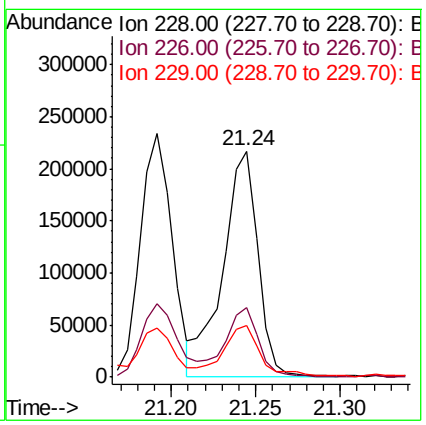


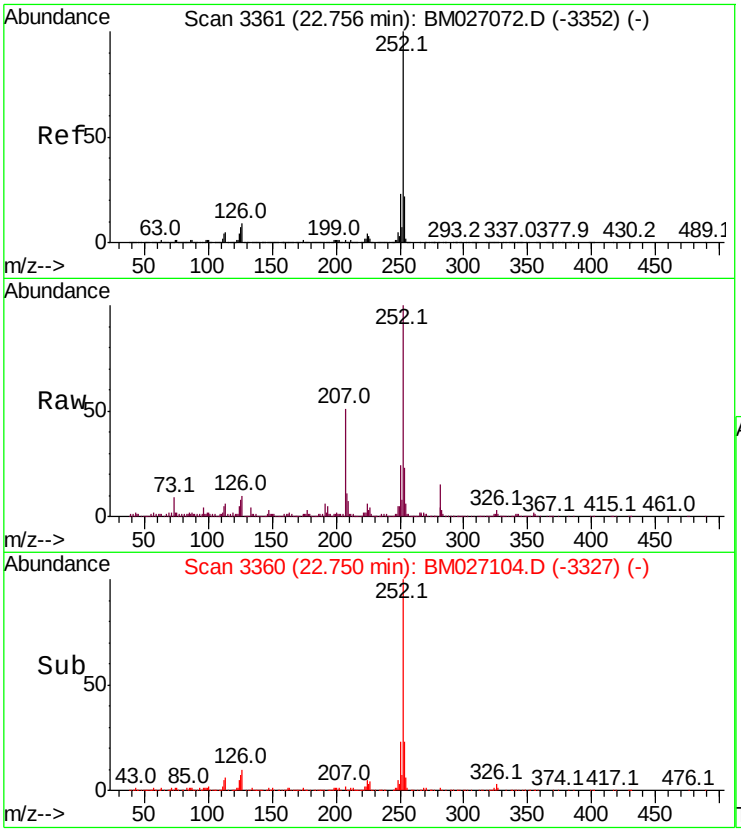


#85
Chrysene
Concen: 5.875 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Tgt Ion:228 Resp: 310562

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.6
229	22.8	15.8	23.8



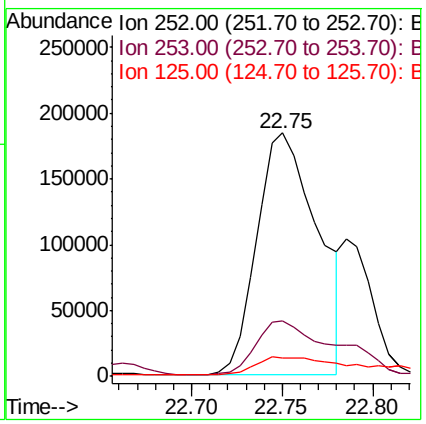


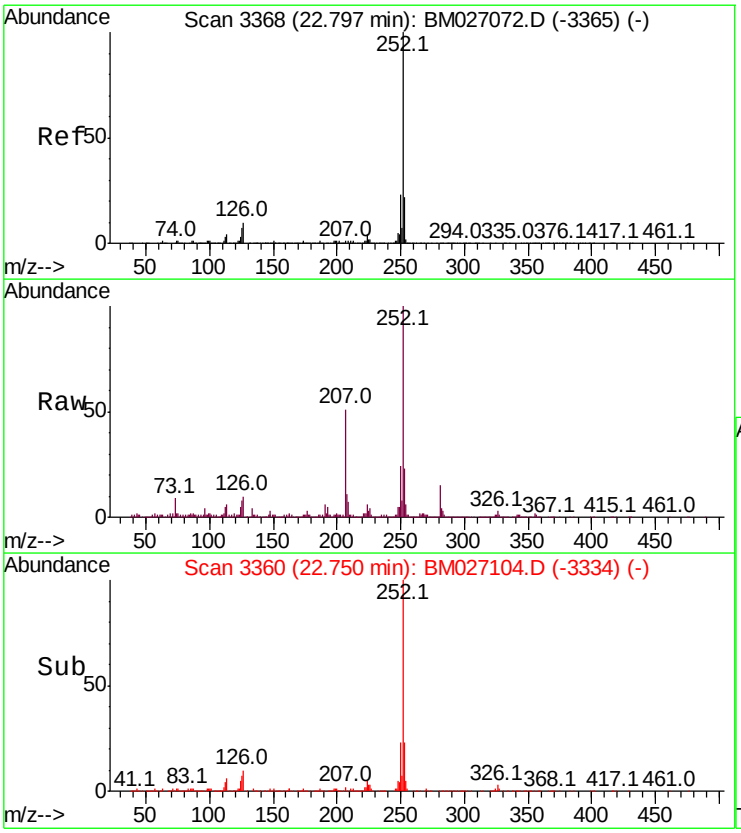
#88
Benzo(b)fluoranthene
Concen: 7.605 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion:252 Resp: 430635

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	7.7	6.0	9.0

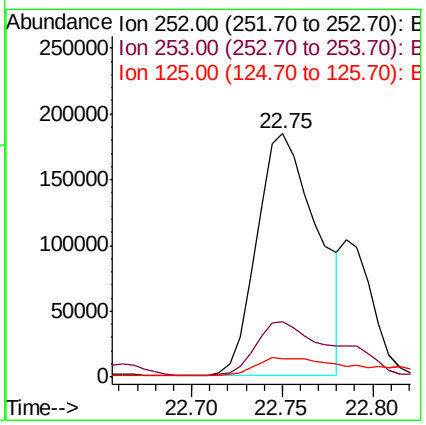


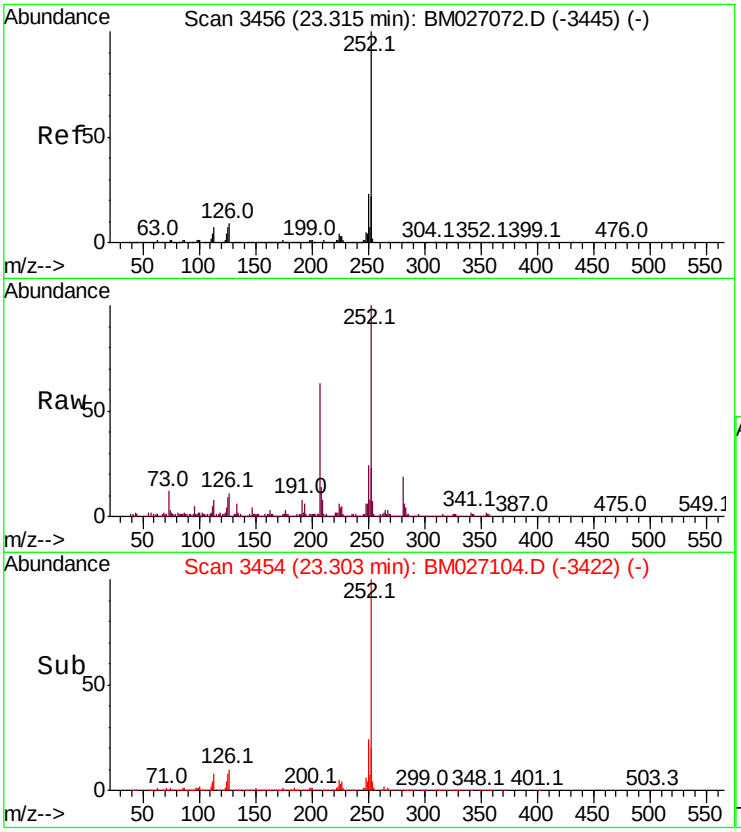


#89
Benzo(k)fluoranthene
Concen: 7.673 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Tgt Ion:252 Resp: 430635

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	7.7	5.5	8.3



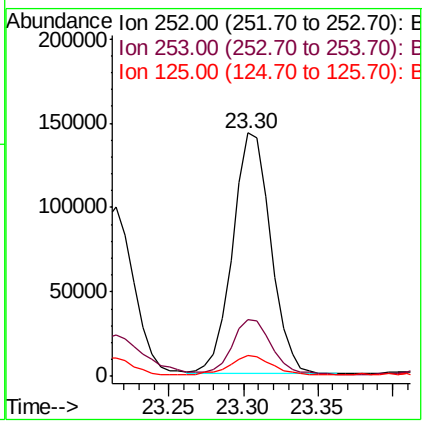


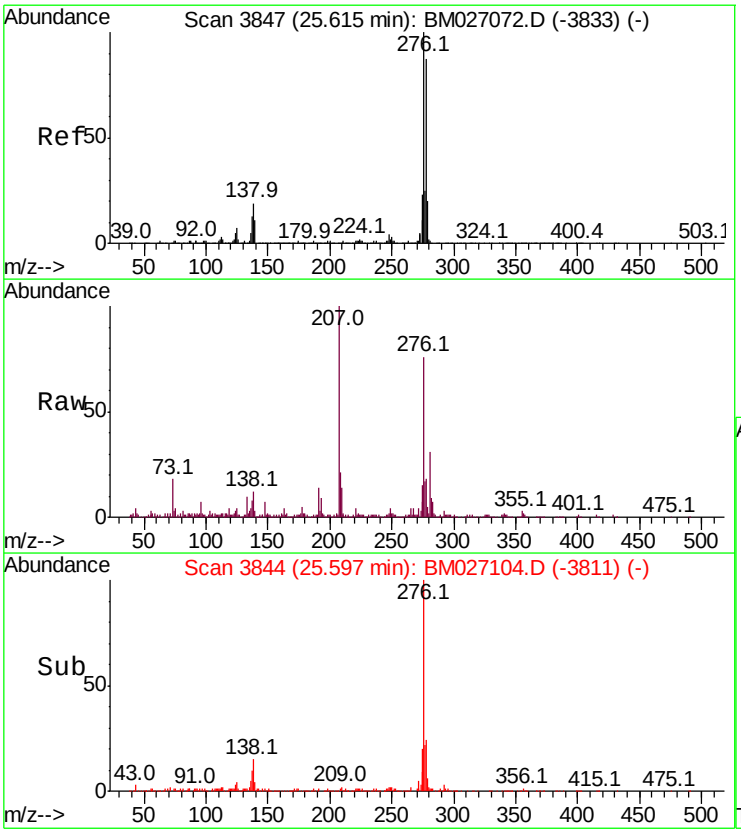
#91
Benzo(a)pyrene
Concen: 4.937 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion:252 Resp: 254455

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	8.7	5.8	8.8

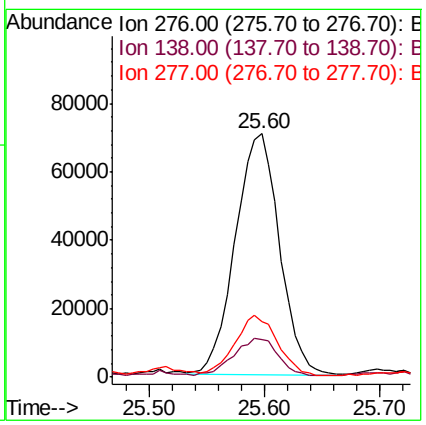


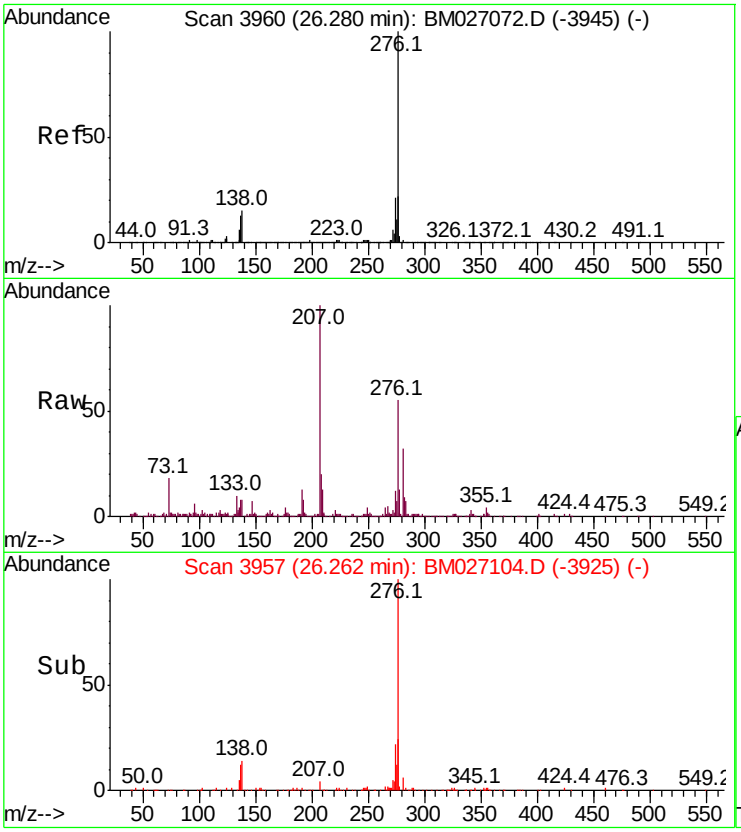


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.826 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Tgt Ion:276 Resp: 187638

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.9	20.9
277	22.8	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 2.706 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM027104.D
Acq: 15 Aug 2020 01:45

Instrument :
BNA_M
ClientSampleId :
BFMM9

Tgt Ion:276 Resp: 148423

Ion	Ratio	Lower	Upper
276	100		
138	15.1	12.3	18.5
277	24.3	19.0	28.6