Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012596.D
Acq On : 31 Oct 2017 04:47
Operator : SJ/JU
Sample : I5719-13
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-27(0.5-1.5)-100517

Quant Time: Oct 31 08:55:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	378110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1436058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	824430	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1874469	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2212072	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2506443	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	26463	3.57	ng/uL	0.00
5) Phenol-d5	7.03	99	466258	14.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	297387	15.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	388885	16.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	315995	11.71	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	186919	20.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	204745	22.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	388747	15.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	200392	7.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1174072	16.30	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1467305	17.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	148734	13.89	ng/ul	0.00
57) Fluorene-d10	15.48	176	1031952	16.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	86844	9.57	ng/ul	0.00
70) Anthracene-d10	17.33	188	1546074	17.31	ng/ul	0.00
76) Pyrene-d10	19.62	212	1801276	17.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2079239	17.46	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	358158	10.890	ng/ul#	82
28) Naphthalene	10.70	128	93102	1.308	ng/ul	99
44) Dimethylphthalate	13.94	163	514711	7.225	ng/ul	99
69) Phenanthrene	17.27	178	403867	3.984	ng/ul	100
74) Fluoranthene	19.28	202	767530	6.682	ng/ul#	91
77) Pyrene	19.64	202	801090	6.368	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	577341	4.359	ng/ul#	94
82) Chrysene	21.44	228	665010	5.646	ng/ul#	93
85) Benzo(b)fluoranthene	23.01	252	925790	5.975	ng/ul#	92
86) Benzo(k)fluoranthene	23.05	252	301492	2.067	ng/ul#	84
88) Benzo(a)pyrene	23.60	252	654374	4.430	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.04	276	490777	2.823	ng/ul#	91
91) Benzo(g,h,i)perylene	26.76	276	461975	3.279	ng/ul#	92

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

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ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
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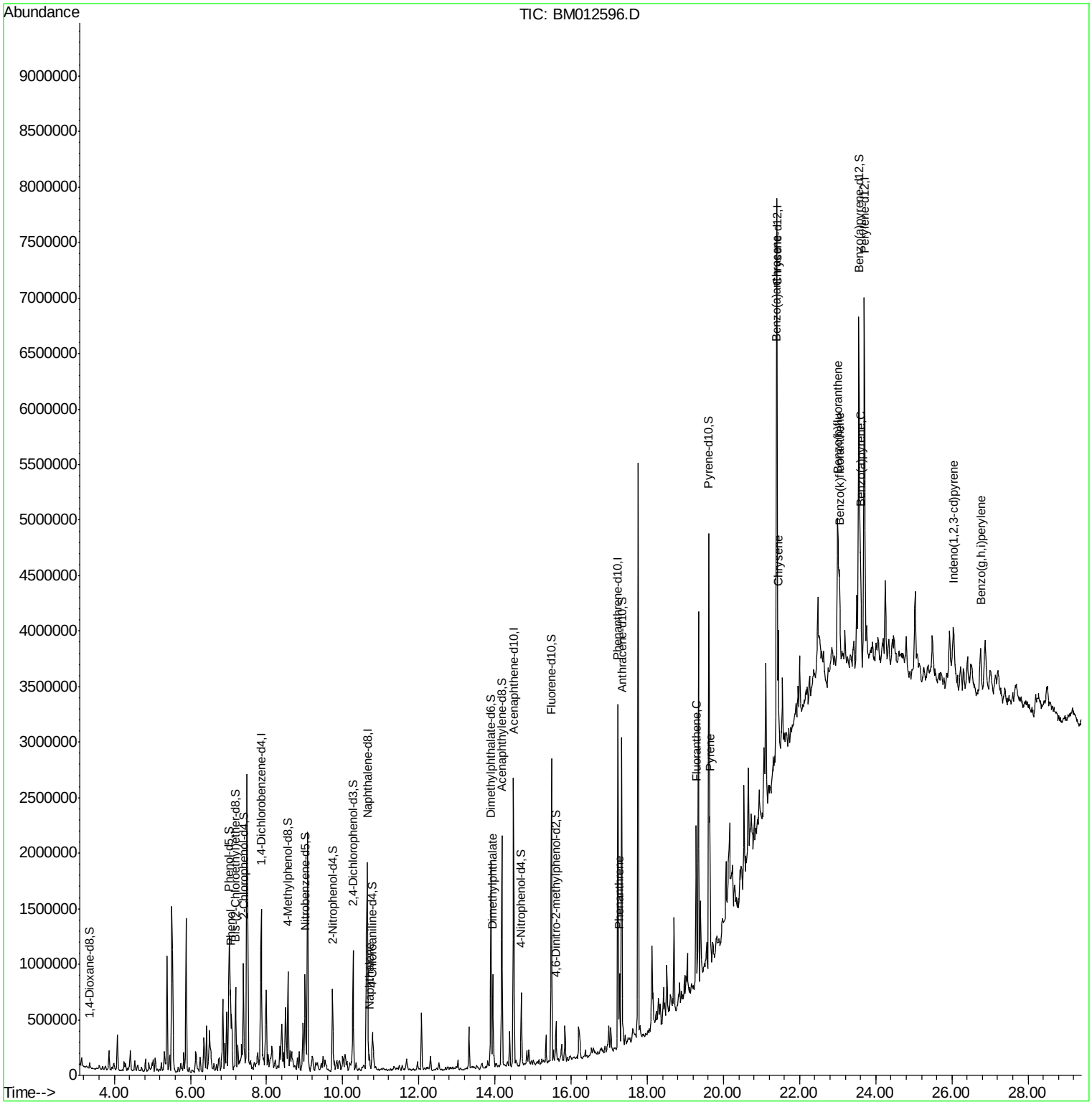
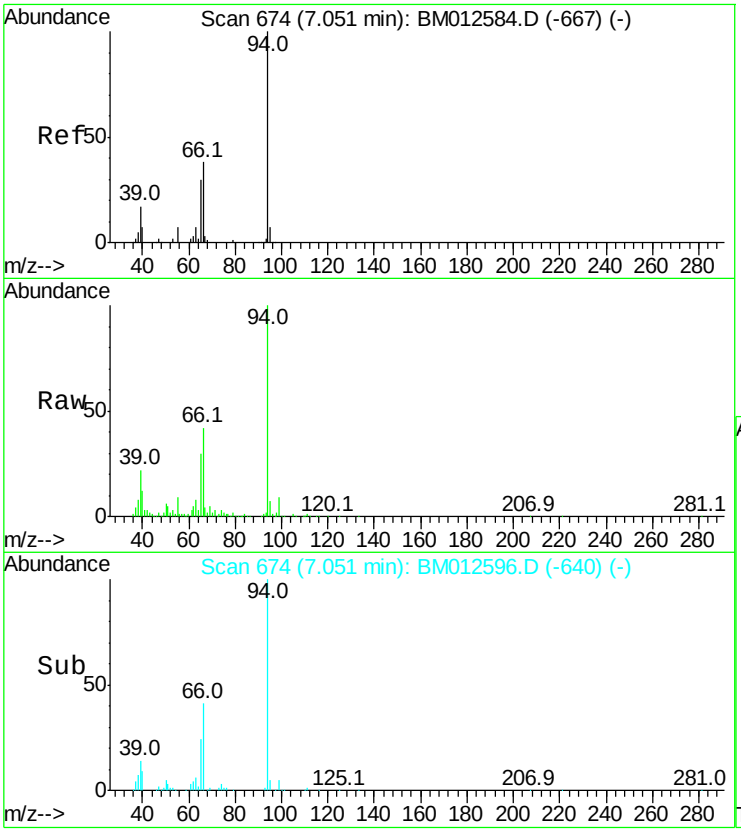
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration



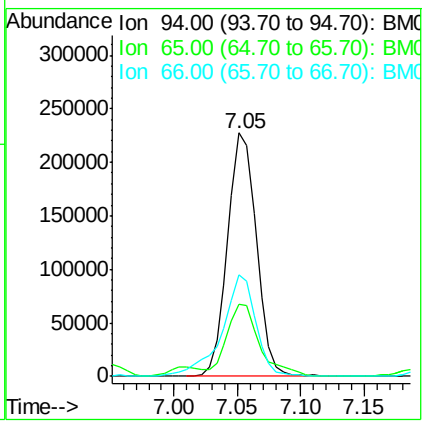


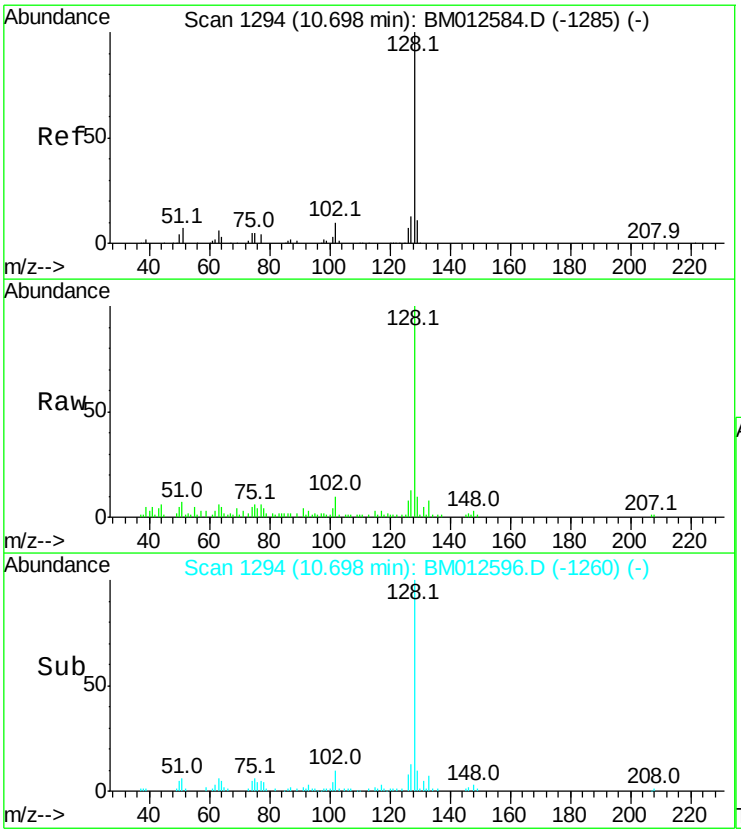
#6
Phenol
Concen: 10.890 ng/ul
RT: 7.05 min Scan# 674
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion: 94 Resp: 358158

Ion	Ratio	Lower	Upper
94	100		
65	29.7	28.2	42.4
66	41.7	47.2	70.8#

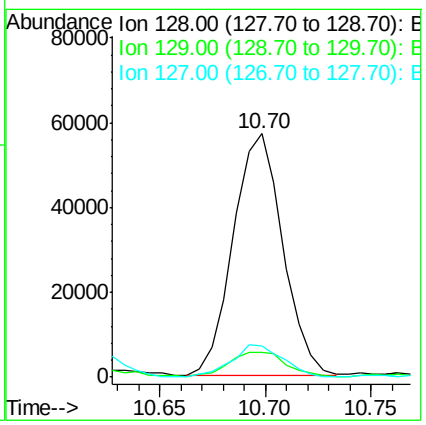


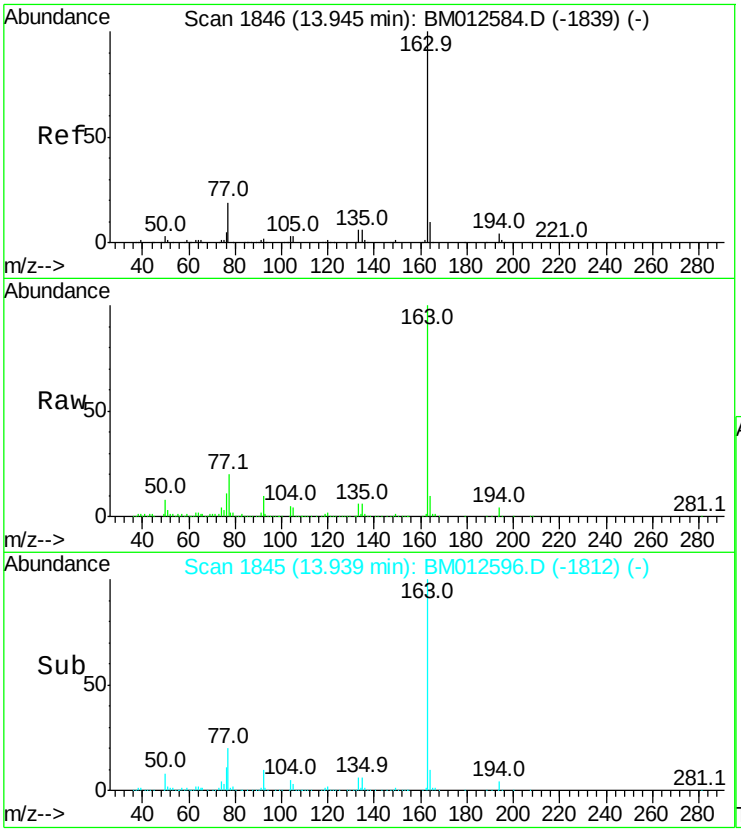


#28
Naphthalene
Concen: 1.308 ng/ul
RT: 10.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Tgt Ion:128 Resp: 93102

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.8	13.2
127	12.9	10.6	16.0



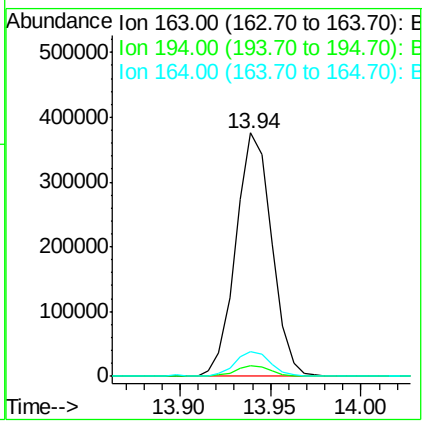


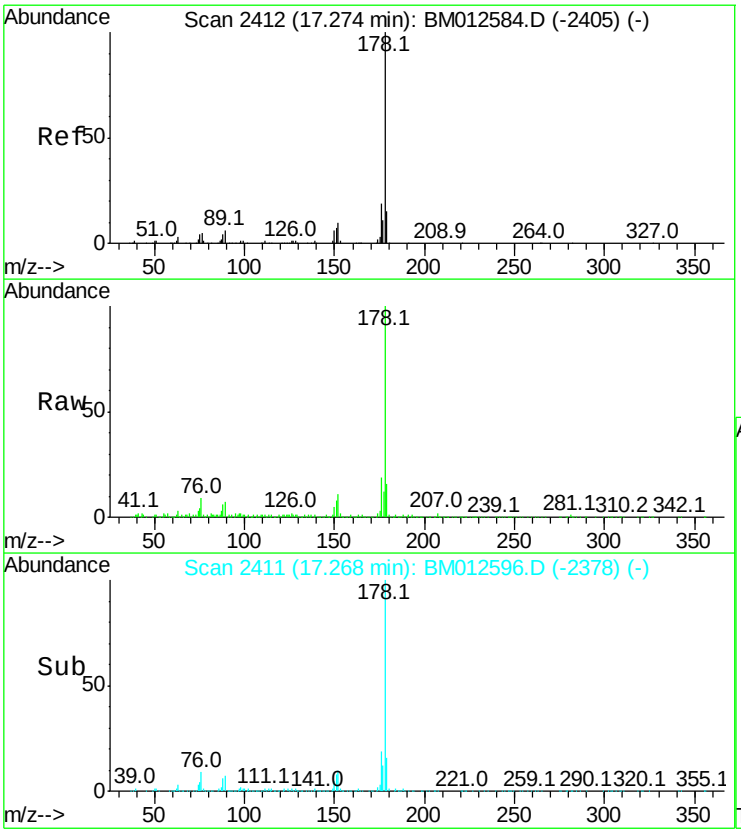
#44
Dimethylphthalate
Concen: 7.225 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion:163 Resp: 514711

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.0	8.2	12.4

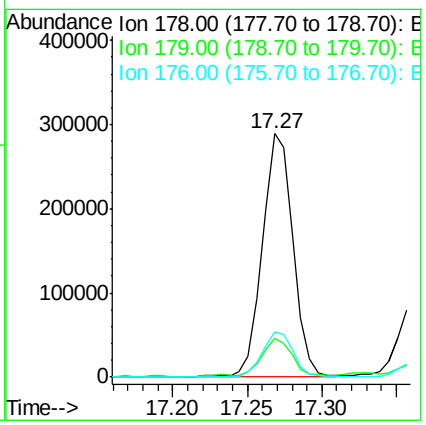


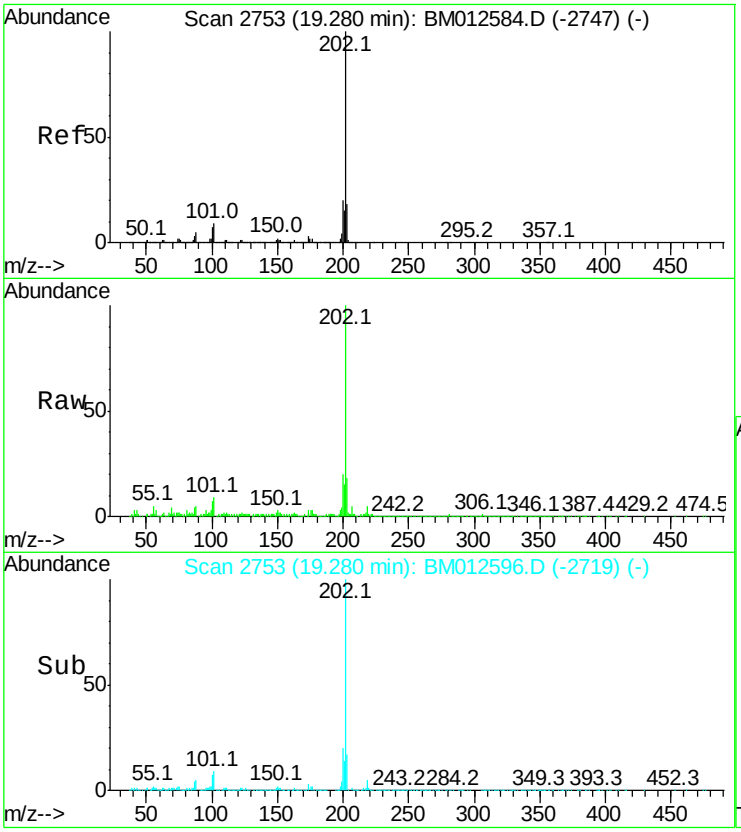


#69
Phenanthrene
Concen: 3.984 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Tgt Ion:178 Resp: 403867

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.7	14.9	22.3



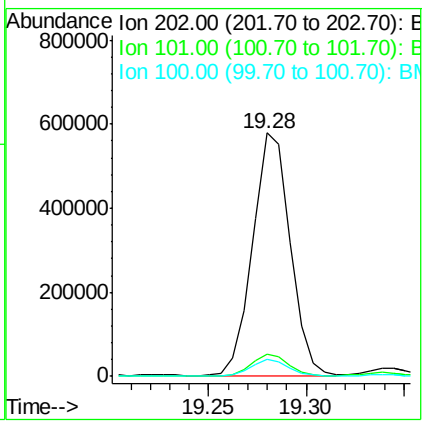


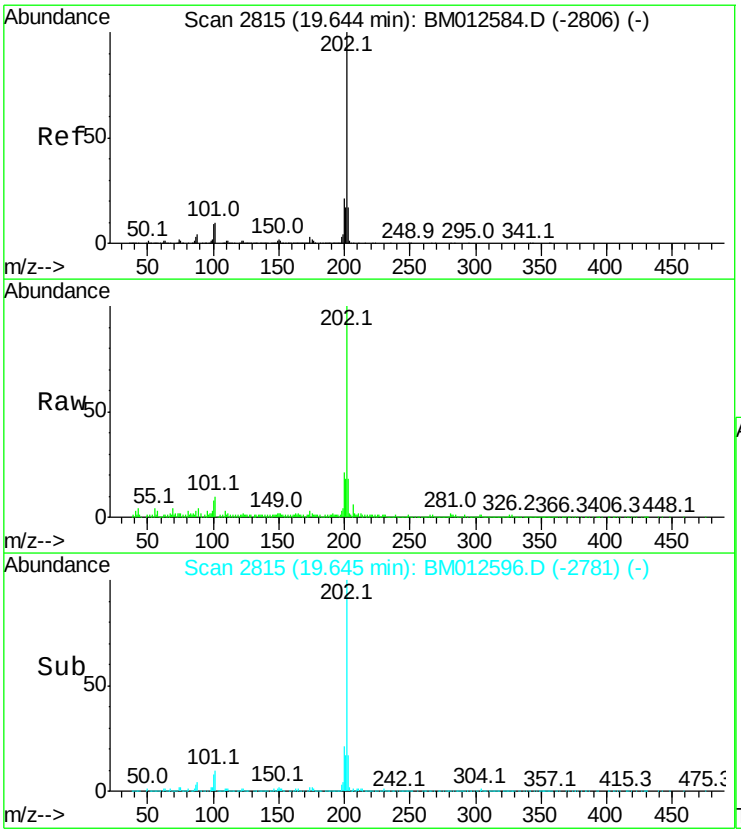
#74
Fluoranthene
Concen: 6.682 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion:202 Resp: 767530

Ion	Ratio	Lower	Upper
202	100		
101	9.0	4.6	7.0#
100	7.2	3.4	5.2#

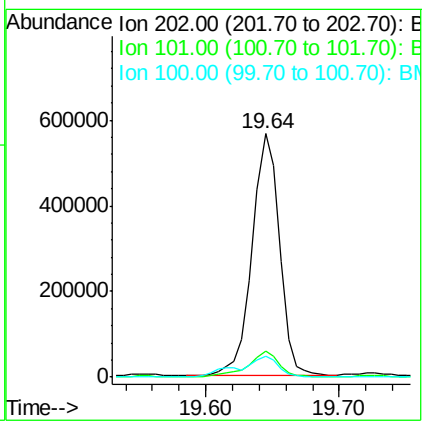


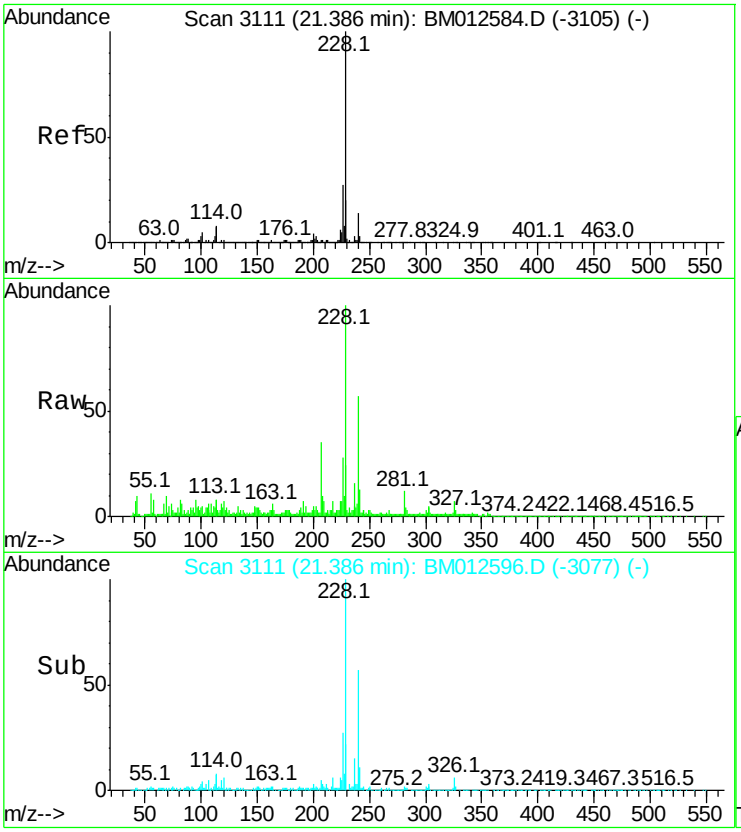


#77
Pyrene
Concen: 6.368 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Tgt Ion:202 Resp: 801090

Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	8.5	4.9	7.3#



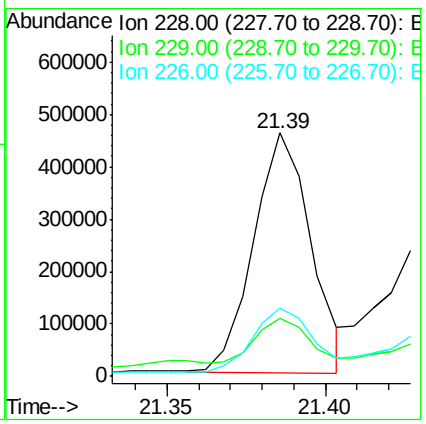


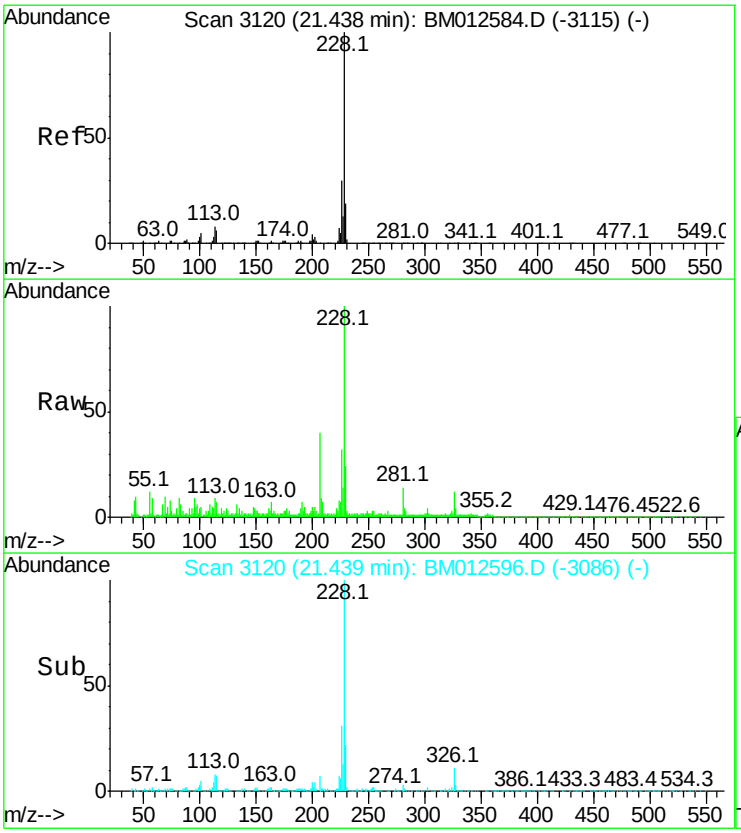
#80
Benzo(a)anthracene
Concen: 4.359 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion:228 Resp: 577341

Ion	Ratio	Lower	Upper
228	100		
229	23.6	15.4	23.0#
226	28.2	21.4	32.0

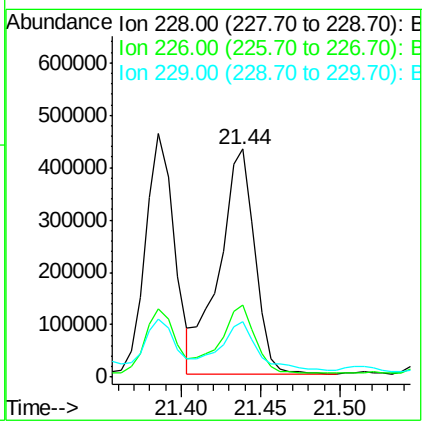


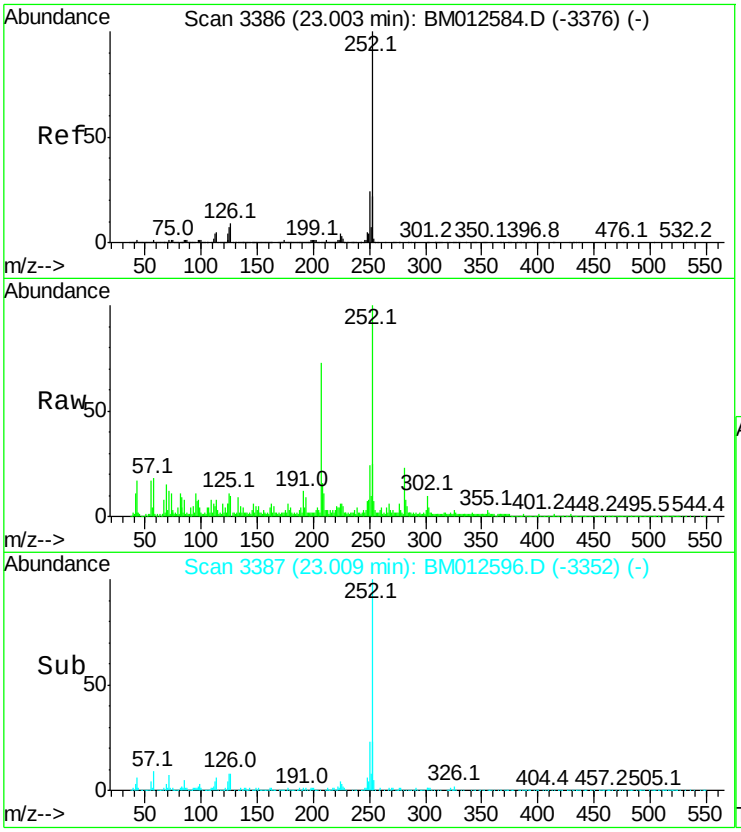


#82
Chrysene
Concen: 5.646 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Tgt Ion:228 Resp: 665010

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	24.2	15.5	23.3#



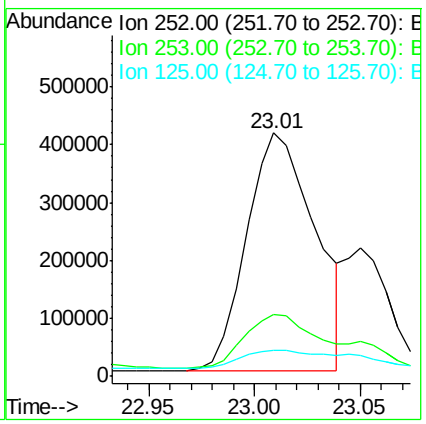


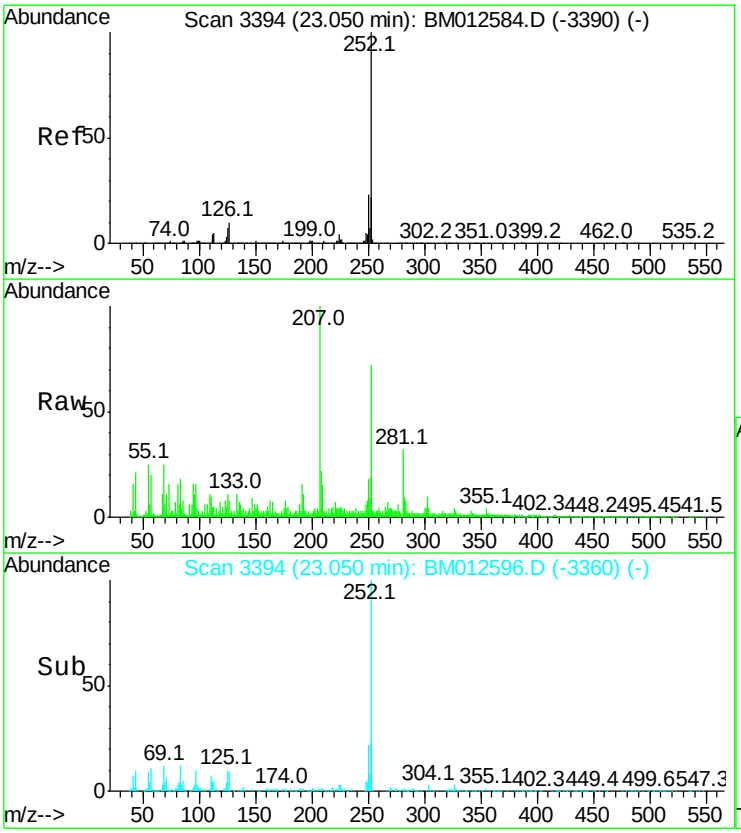
#85
Benzo(b)fluoranthene
Concen: 5.975 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion:252 Resp: 925790

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	10.7	3.6	5.4#

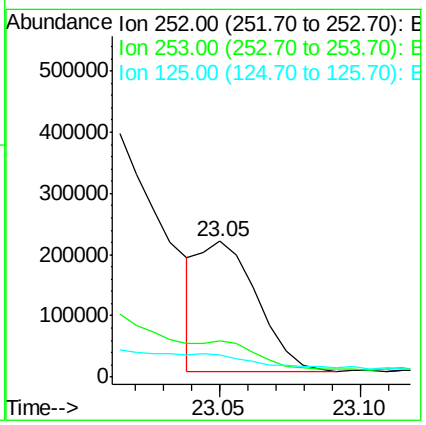


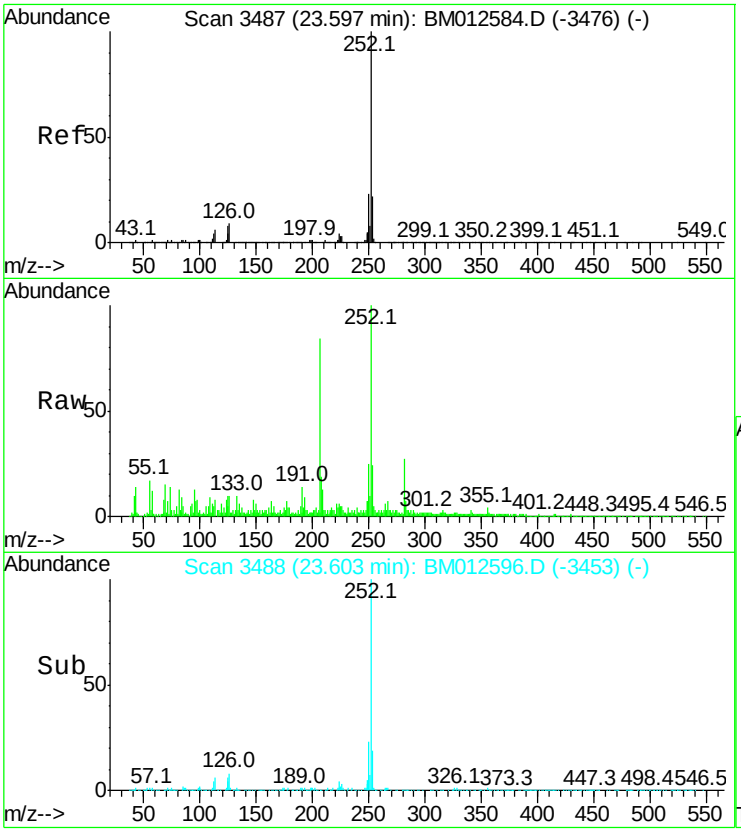


#86
Benzo(k)fluoranthene
Concen: 2.067 ng/ul
RT: 23.05 min Scan# 3394
Delta R.T. 0.00 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Tgt Ion:252 Resp: 301492

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7#
125	16.0	3.4	5.2#



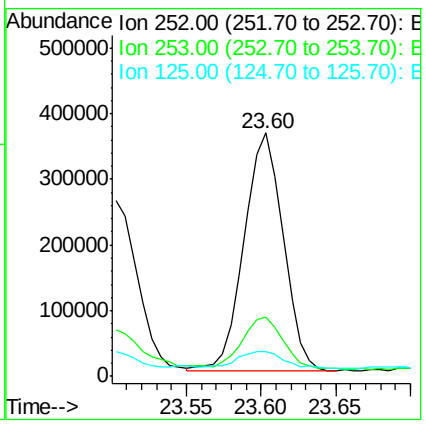


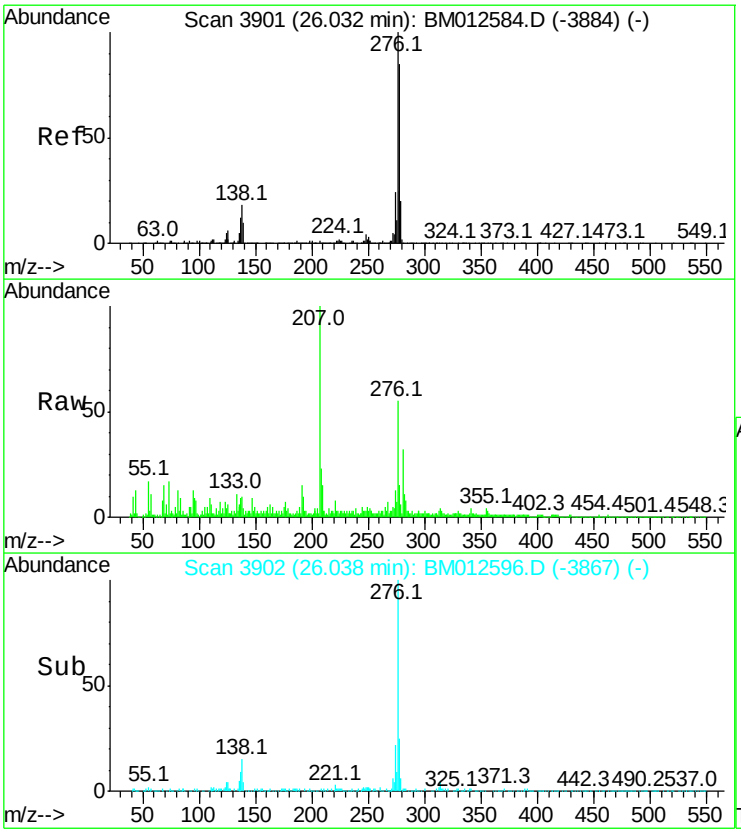
#88
Benzo(a)pyrene
Concen: 4.430 ng/ul
RT: 23.60 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion:252 Resp: 654374

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	10.0	4.0	6.0#

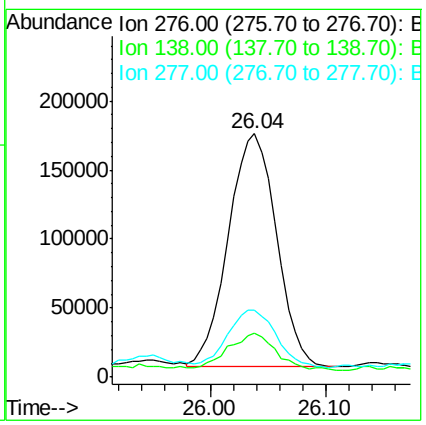


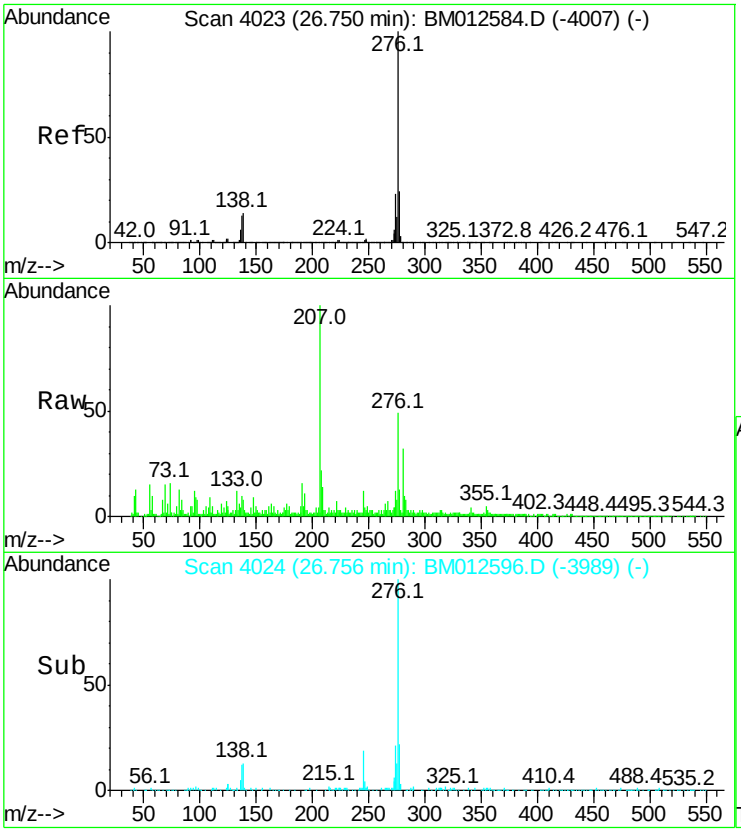


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.823 ng/ul
RT: 26.04 min Scan# 3902
Delta R.T. 0.01 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Tgt Ion:276 Resp: 490777

Ion	Ratio	Lower	Upper
276	100		
138	17.8	9.3	13.9#
277	27.5	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 3.279 ng/ul
RT: 26.76 min Scan# 4024
Delta R.T. 0.01 min
Lab File: BM012596.D
Acq: 31 Oct 2017 04:47

Instrument :
BNA_M
ClientSampleId :
B-27(0.5-1.5)-100517

Tgt Ion:276 Resp: 461975

Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	26.0	18.6	28.0