Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012085.D
Acq On : 12 Oct 2017 01:12
Operator : SJ/JU
Sample : I5649-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 12 04:27:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	296893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1304983	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	810543	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1927274	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2074472	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1710021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	8724	1.39	ng/uL	0.00
5) Phenol-d5	7.00	99	171956	6.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	109803	7.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	152687	7.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	148917	6.74	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	72438	7.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	82254	7.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	167976	7.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	144658	6.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	588430	8.38	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	727797	8.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	55530	4.52	ng/ul	0.01
57) Fluorene-d10	15.48	176	516272	8.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	39487	3.05	ng/ul	0.00
70) Anthracene-d10	17.33	188	811321	8.54	ng/ul	0.00
76) Pyrene-d10	19.63	212	985906	10.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	712287	8.66	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Dimethylphthalate	13.94	163	190534	2.819	ng/ul	100
69) Phenanthrene	17.27	178	145601	1.373	ng/ul	98
71) Anthracene	17.27	178	146253	1.356	ng/ul	96
74) Fluoranthene	19.29	202	440173	3.403	ng/ul#	92
77) Pyrene	19.66	202	415166	3.609	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	238872	2.010	ng/ul#	92
82) Chrysene	21.44	228	250468	2.218	ng/ul#	92
85) Benzo(b)fluoranthene	23.03	252	293664	2.825	ng/ul#	57
86) Benzo(k)fluoranthene	23.03	252	293664	2.830	ng/ul#	54
88) Benzo(a)pyrene	23.63	252	185643	1.859	ng/ul#	53
89) Indeno(1,2,3-cd)pyrene	26.09	276	148673	1.391	ng/ul#	73
91) Benzo(g,h,i)perylene	26.82	276	117251	1.326	ng/ul#	61

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

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Misc :
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Instrument :
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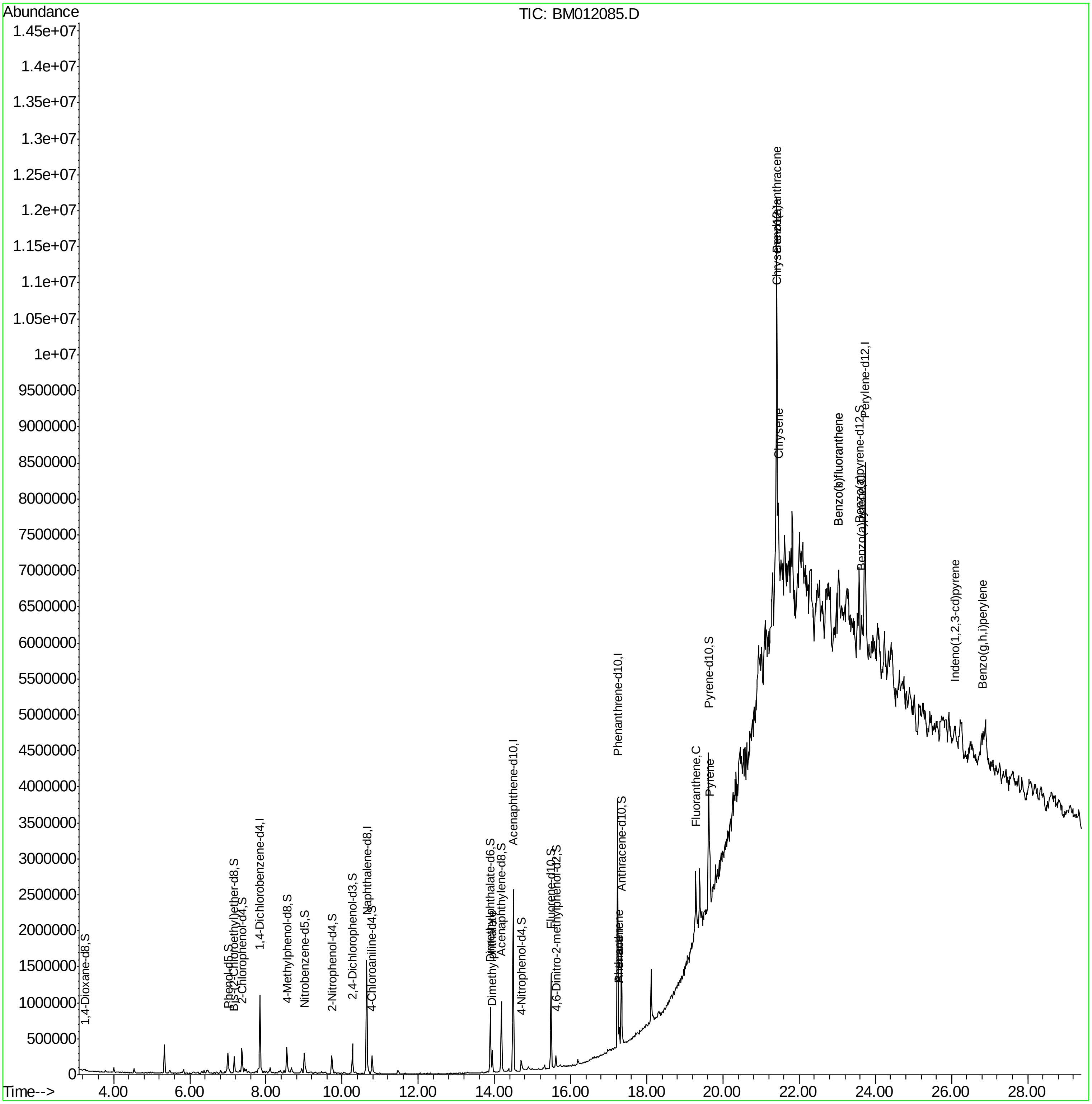
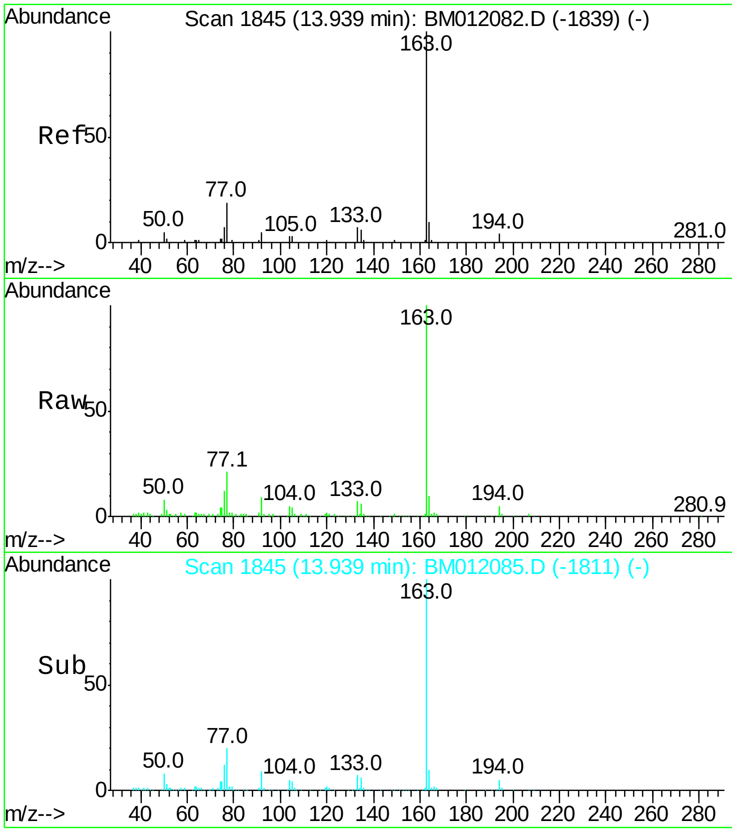


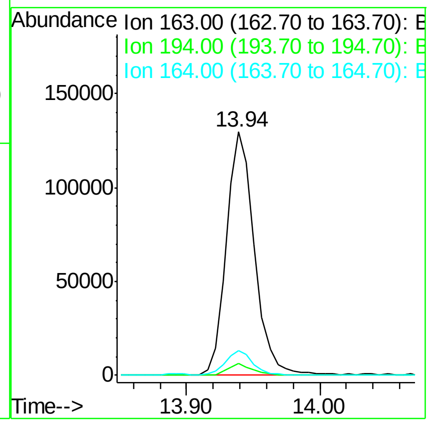


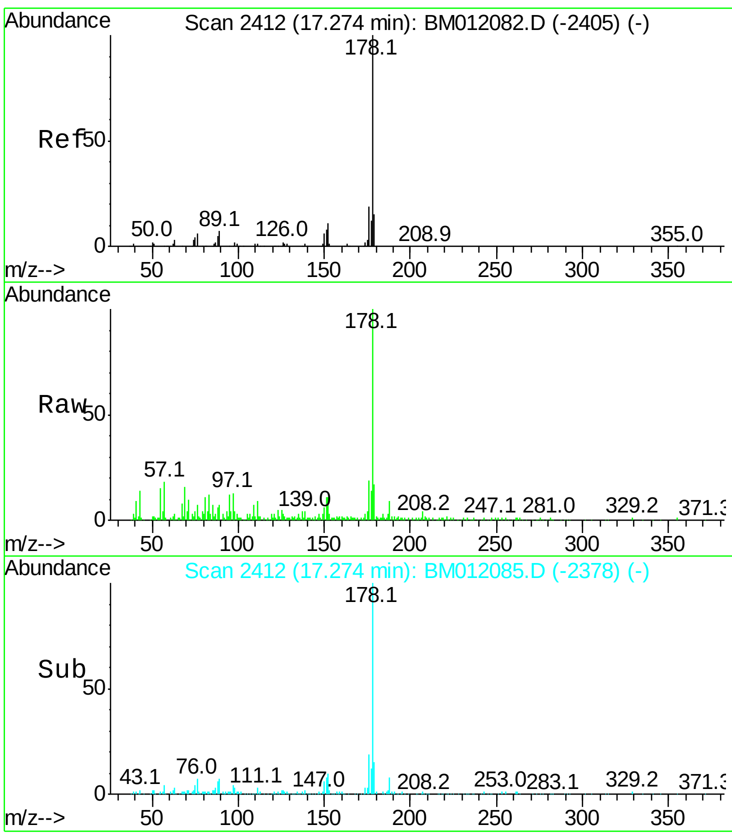
#44
Dimethylphthalate
Concen: 2.819 ng/ul
RT: 13.94 min   Scan# 1845
Delta R.T.   -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017   01:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 190534

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	8.2	12.4

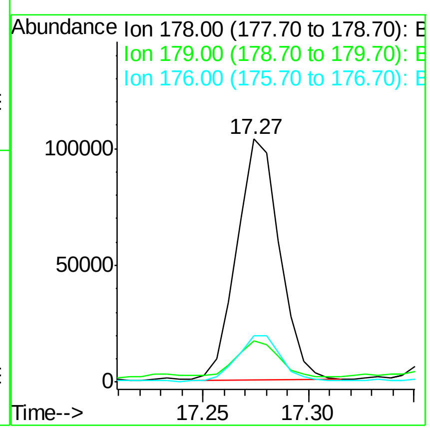


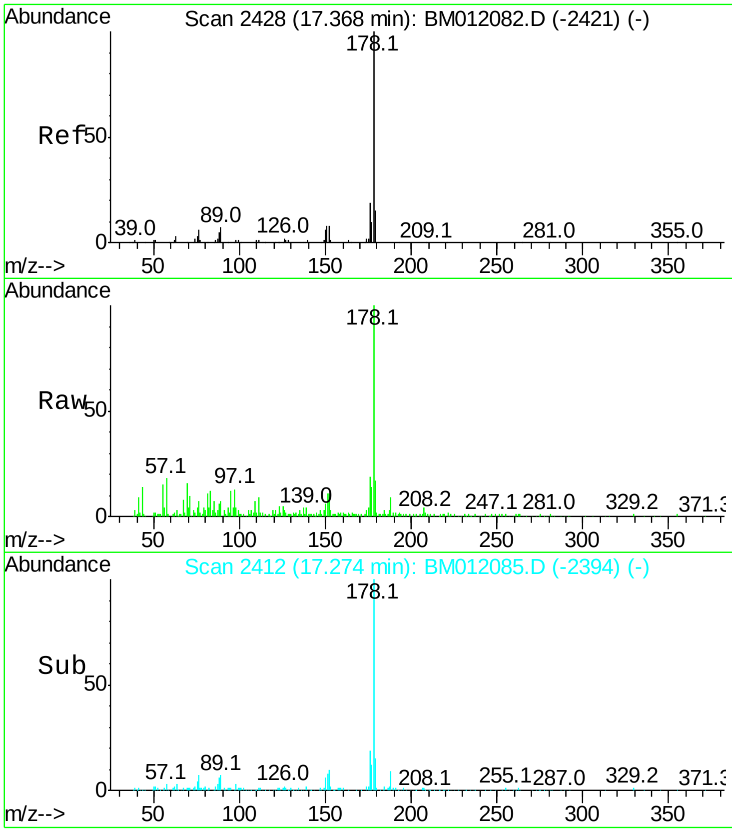


#69
Phenanthrene
Concen: 1.373 ng/ul
RT: 17.27 min   Scan# 2412
Delta R.T.   -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017   01:12

Tgt Ion:178 Resp: 145601

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	19.0
176	19.2	14.9	22.3



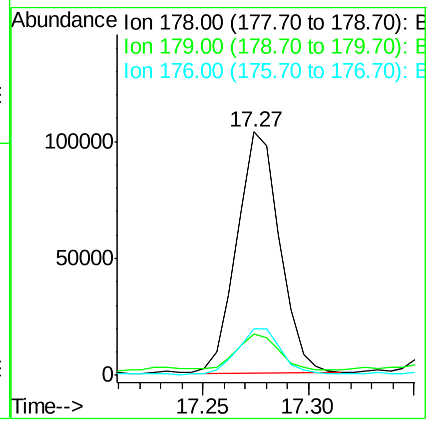


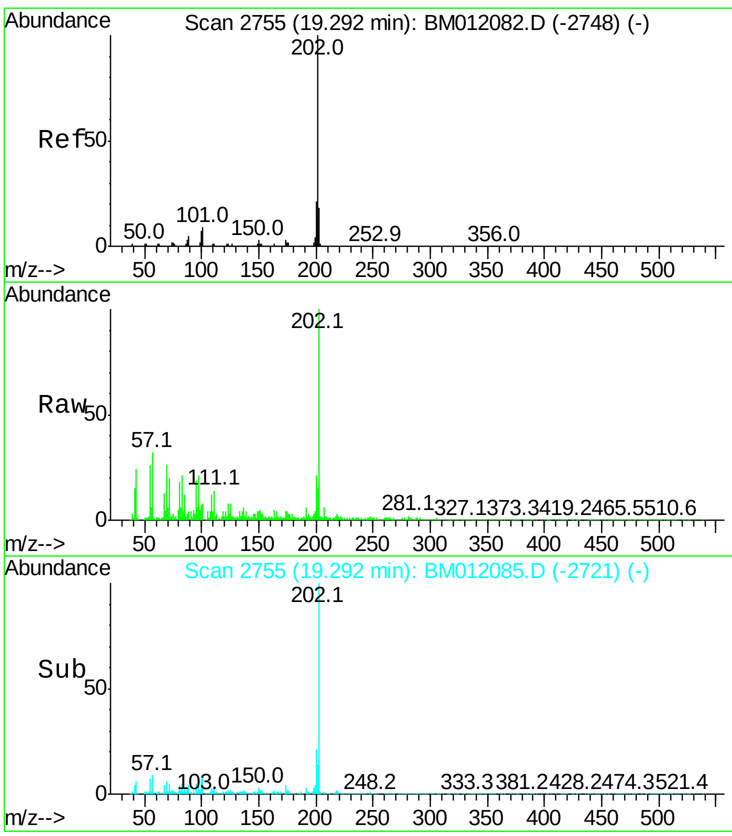
#71
Anthracene
Concen: 1.356 ng/ul
RT: 17.27 min   Scan# 2412
Delta R.T.   -0.09 min
Lab File: BM012085.D
Acq: 12 Oct 2017   01:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 146253

Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.7	17.5
176	19.2	14.6	21.8

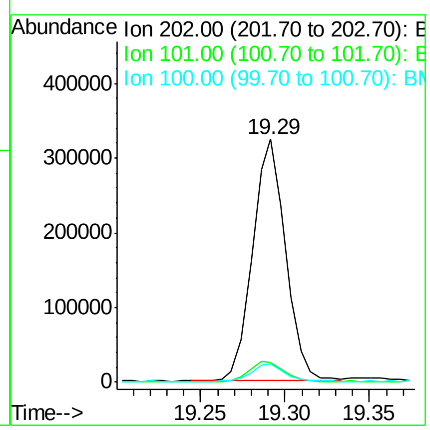


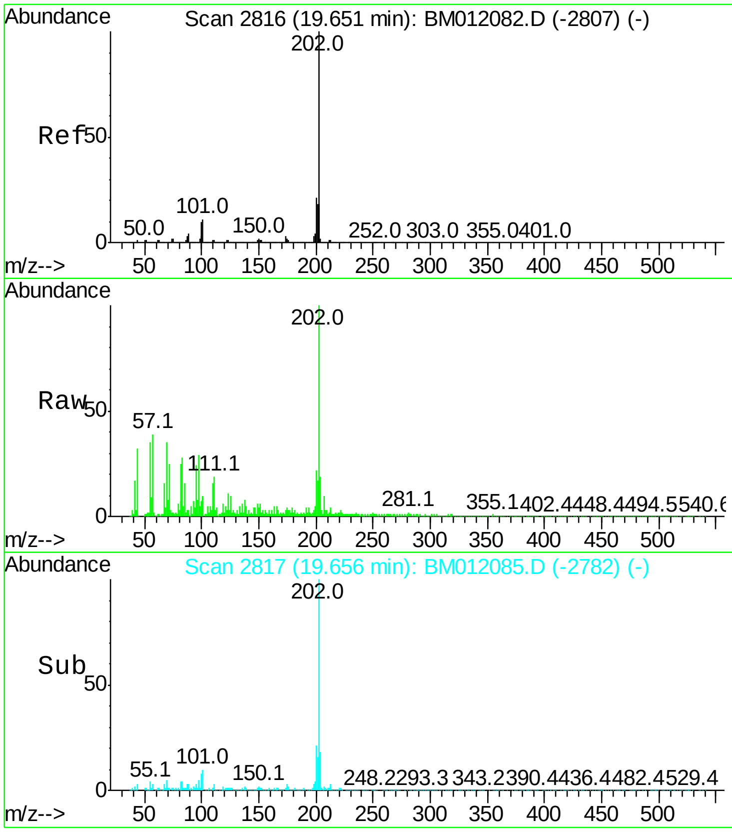


#74
Fluoranthene
Concen: 3.403 ng/ul
RT: 19.29 min   Scan# 2755
Delta R.T.   -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017   01:12

Tgt Ion:202 Resp: 440173

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	7.3	3.4	5.2#



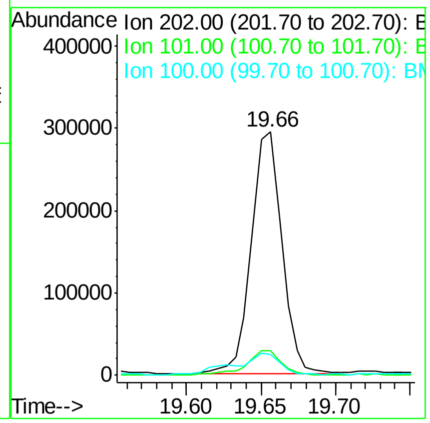


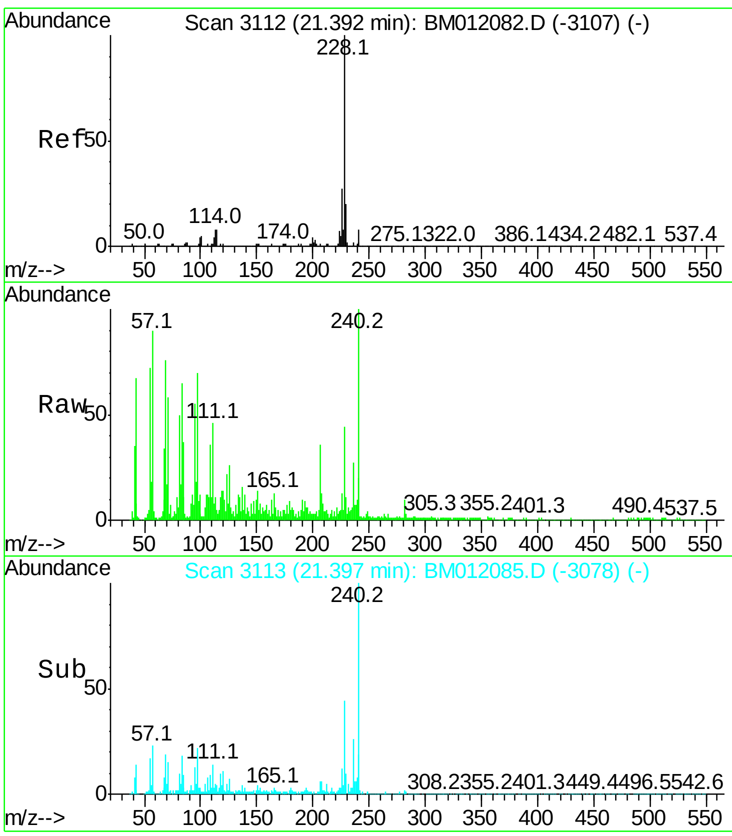
#77
Pyrene
Concen: 3.609 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.01 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 415166

Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	8.5	4.9	7.3#

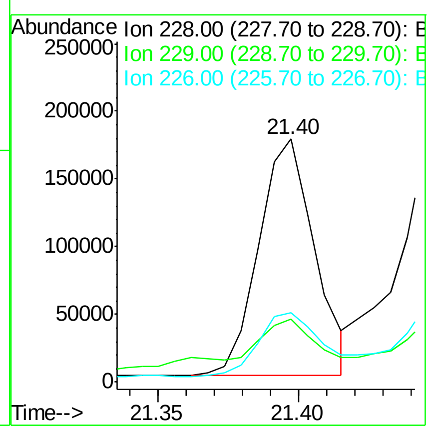


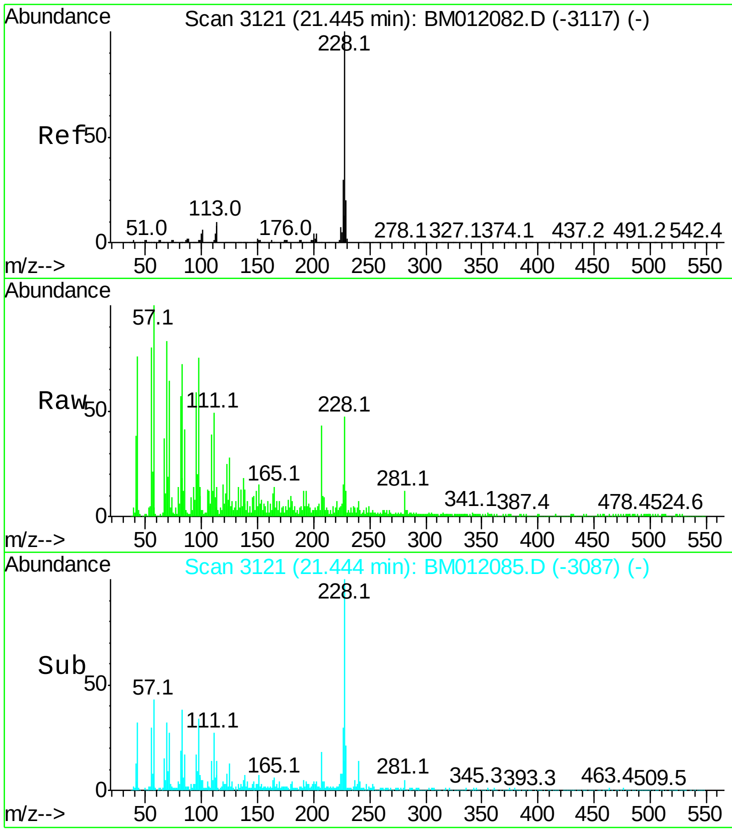


#80
Benzo(a)anthracene
Concen: 2.010 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Tgt Ion:228 Resp: 238872

Ion	Ratio	Lower	Upper
228	100		
229	25.8	15.4	23.0#
226	28.5	21.4	32.0



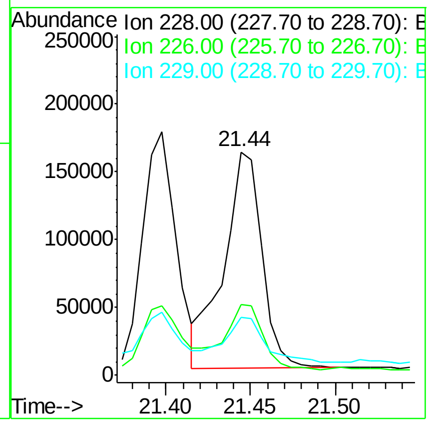


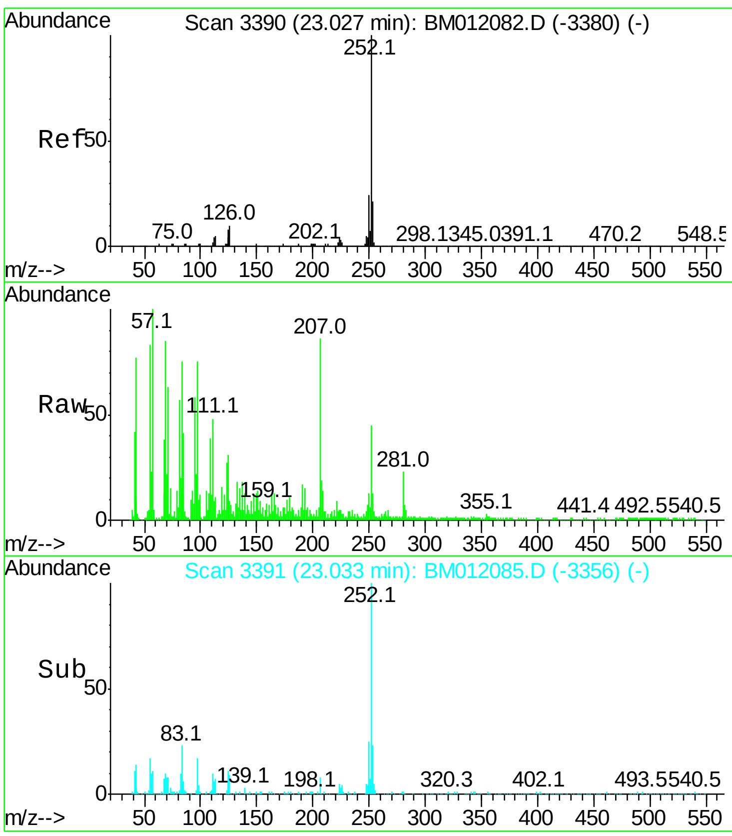
#82
Chrysene
Concen: 2.218 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 250468

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	25.9	15.5	23.3#

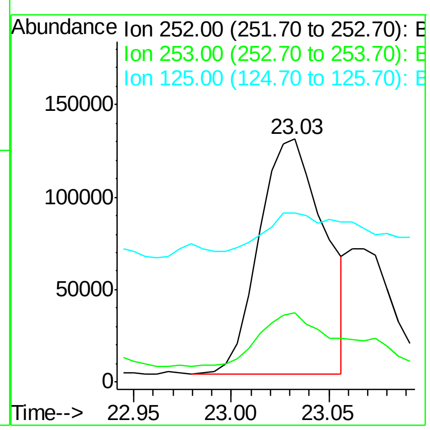


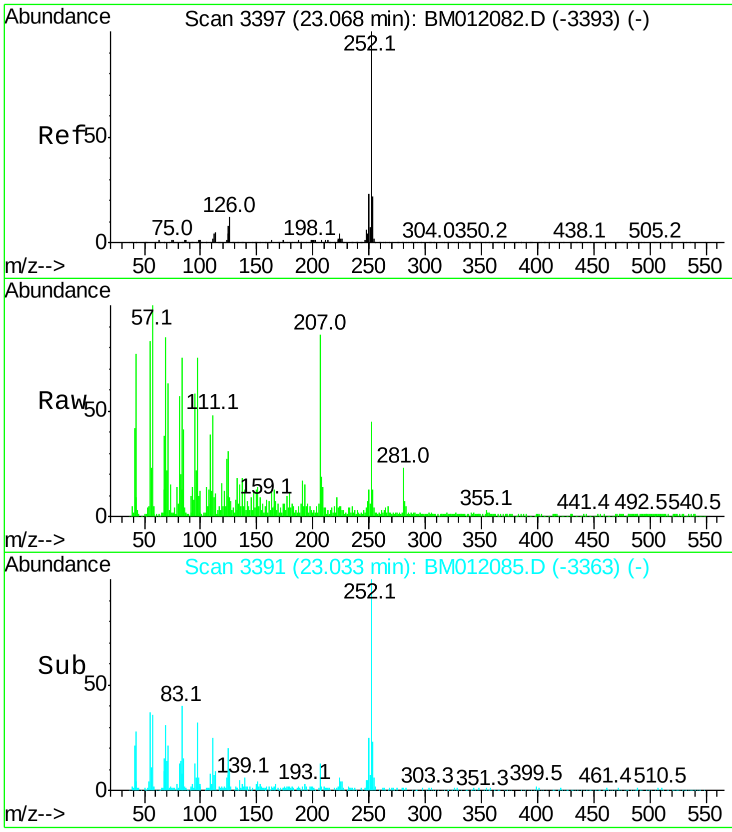


#85
Benzo(b)fluoranthene
Concen: 2.825 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Tgt Ion:252 Resp: 293664

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.9	26.9#
125	69.4	3.6	5.4#



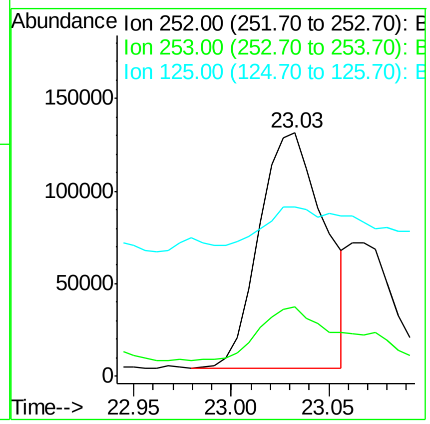


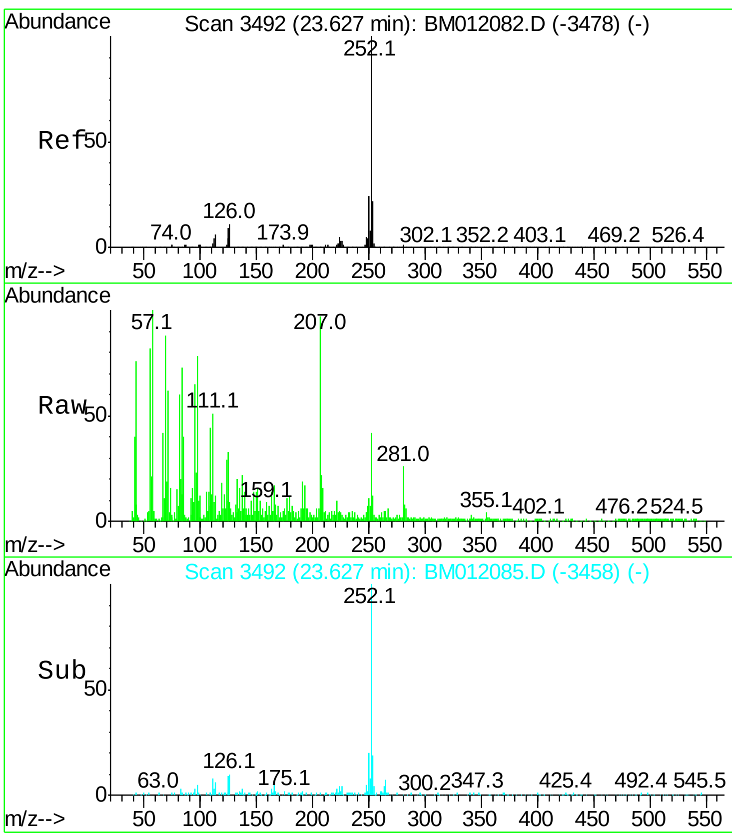
#86
Benzo(k)fluoranthene
Concen: 2.830 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. -0.04 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 293664

Ion	Ratio	Lower	Upper
252	100		
253	28.5	17.1	25.7#
125	69.4	3.4	5.2#

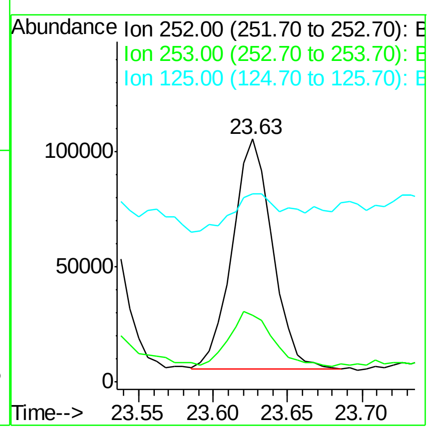


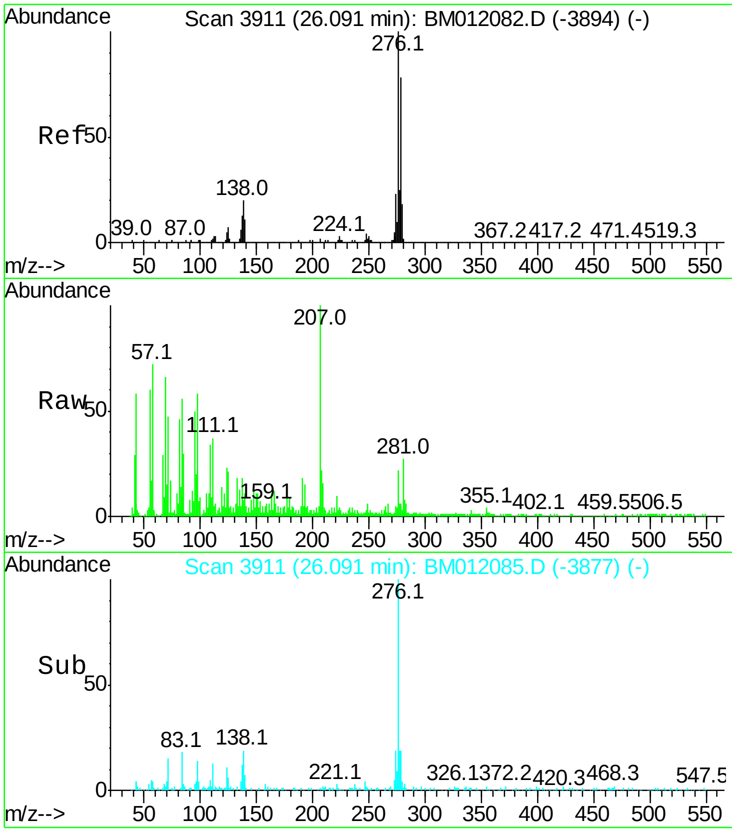


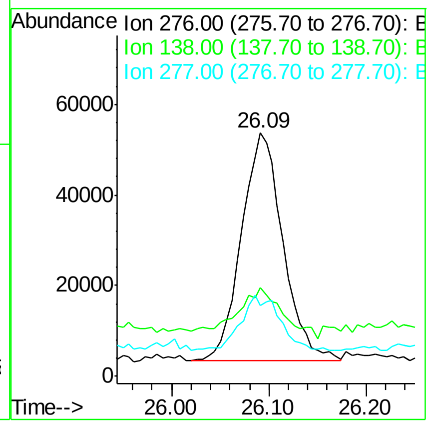
#88
Benzo(a)pyrene
Concen: 1.859 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Tgt Ion:252 Resp: 185643

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.2	27.2#
125	77.6	4.0	6.0#





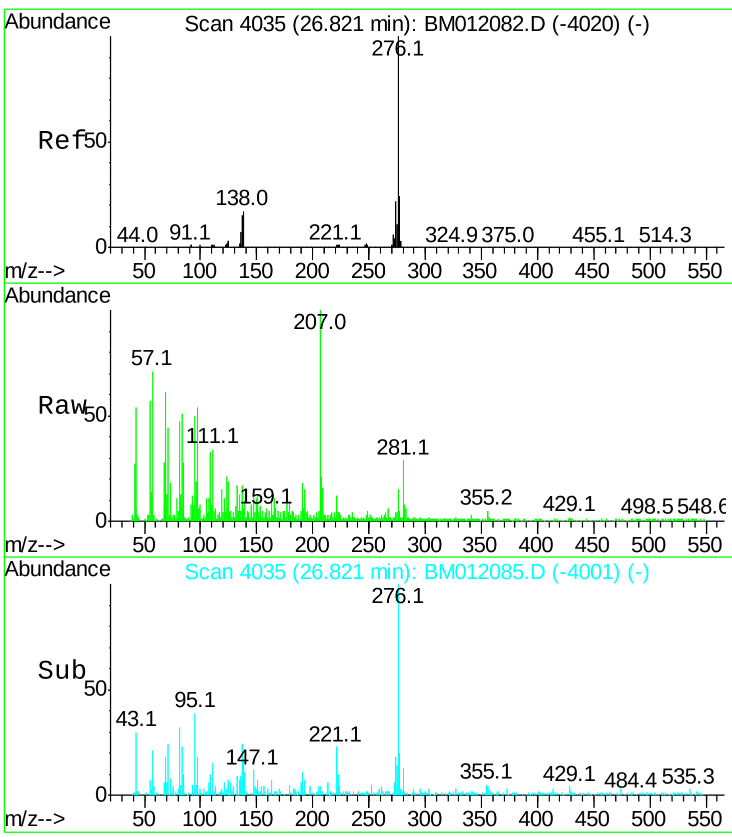


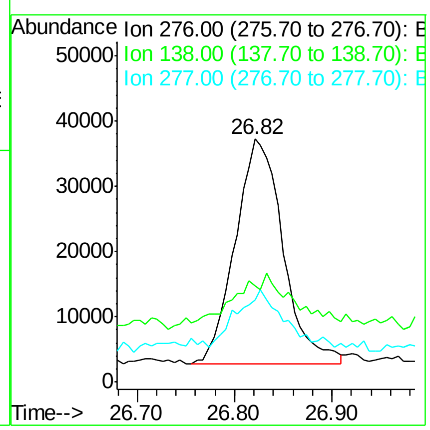
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.391 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Tgt Ion:276 Resp: 148673

Ion	Ratio	Lower	Upper
276	100		
138	36.6	9.3	13.9#
277	29.3	19.9	29.9

Instrument :
BNA_M
ClientSampleId :





#91
Benzo(g,h,i)perylene
Concen: 1.326 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.00 min
Lab File: BM012085.D
Acq: 12 Oct 2017 01:12

Tgt Ion:276 Resp: 117251

Ion	Ratio	Lower	Upper
276	100		
138	39.6	8.5	12.7#
277	34.0	18.6	28.0#