Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012049.D
Acq On : 10 Oct 2017 19:21
Operator : SJ/JU
Sample : I5669-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 01:14:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 01:12:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	219544	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	973315	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	601100	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1436345	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1821152	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1724981	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	1074	0.23	ng/uL	0.01
5) Phenol-d5	7.02	99	6727	0.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	32919	2.94	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	19231	1.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	5456	0.33	ng/ul	0.02
19) Nitrobenzene-d5	9.02	128	17845	2.57	ng/ul	0.01
22) 2-Nitrophenol-d4	9.75	143	4067	0.52	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.30	165	7281	0.46	ng/ul	0.04
29) 4-Chloroaniline-d4	10.82	131	1467	0.09	ng/ul	0.04
43) Dimethylphthalate-d6	13.90	166	39755	0.76	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	189294	3.09	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.48	176	157587	3.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.33	188	243781	3.44	ng/ul	0.00
76) Pyrene-d10	19.62	212	307689	3.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	262932	3.17	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.27	178	474161	6.001	ng/ul	99
71) Anthracene	17.27	178	474161	5.898	ng/ul	99
74) Fluoranthene	19.29	202	902150	9.358	ng/ul#	92
77) Pyrene	19.65	202	777827	7.703	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	493581	4.731	ng/ul	98
82) Chrysene	21.44	228	476368	4.806	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	617792	5.892	ng/ul#	95
86) Benzo(k)fluoranthene	23.03	252	617792	5.902	ng/ul#	93
88) Benzo(a)pyrene	23.62	252	356226	3.536	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	209077	1.939	ng/ul#	95
91) Benzo(g,h,i)perylene	26.81	276	162658	1.824	ng/ul#	92

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

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Instrument :
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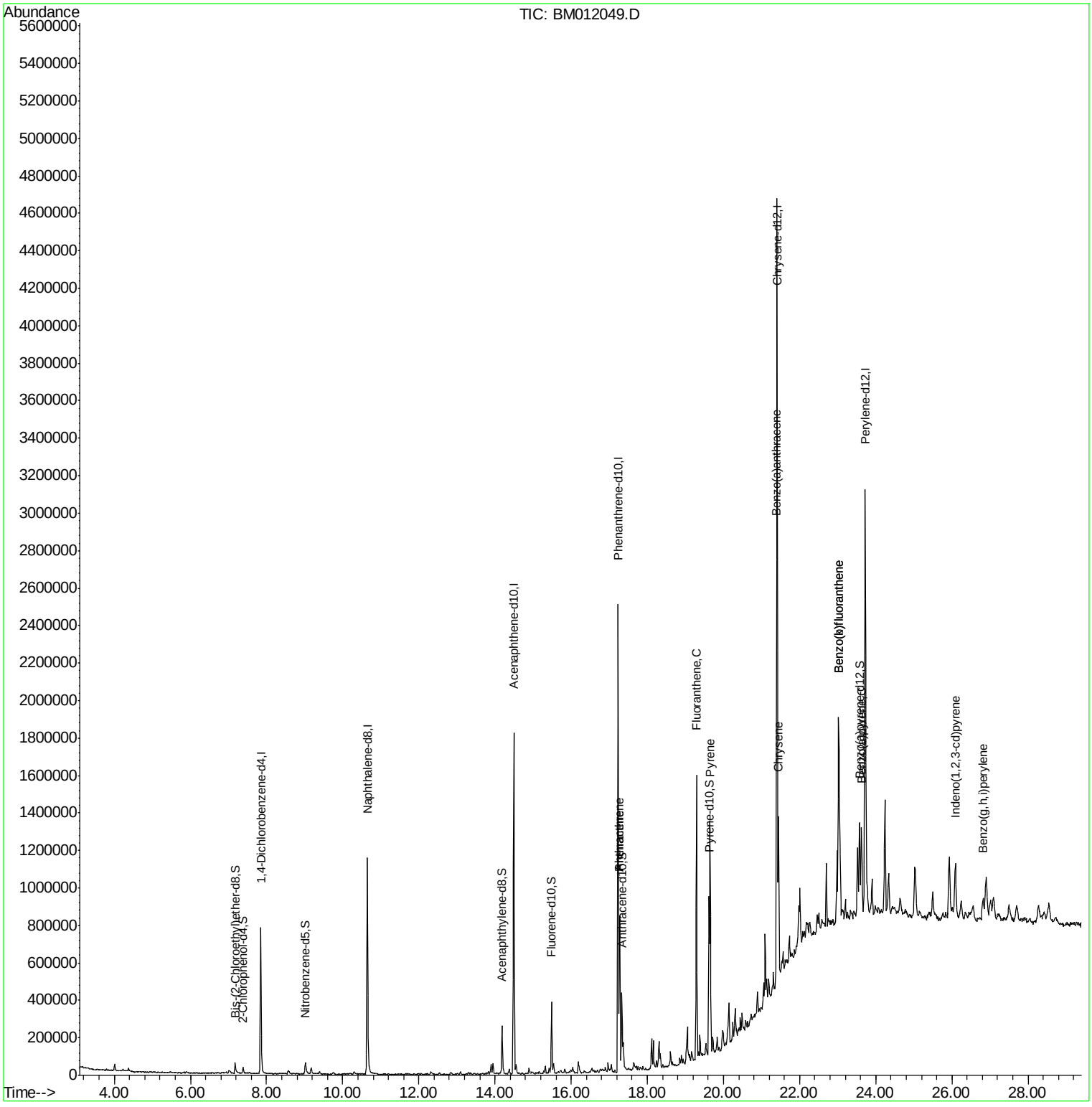
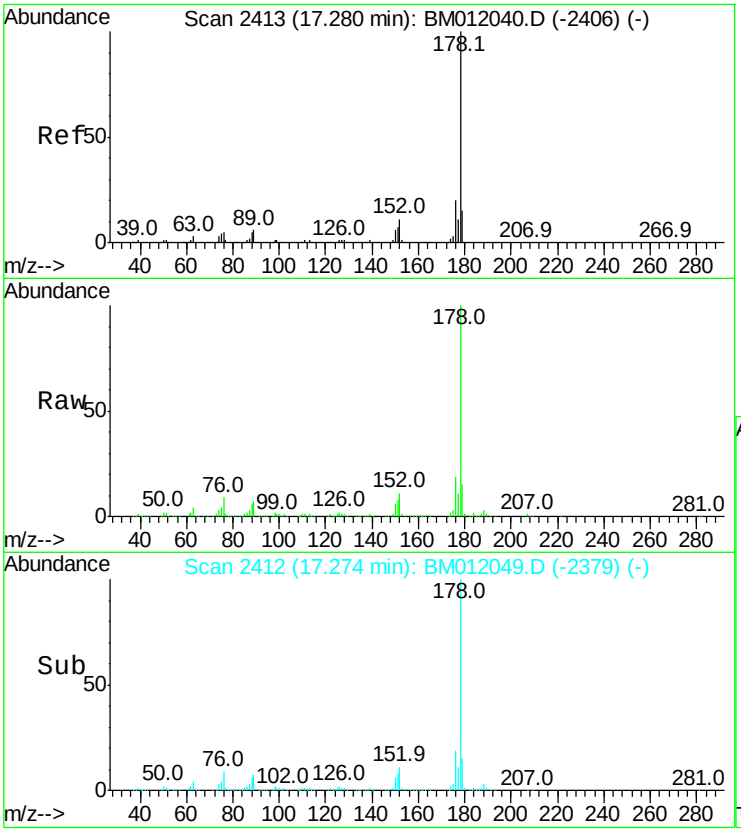


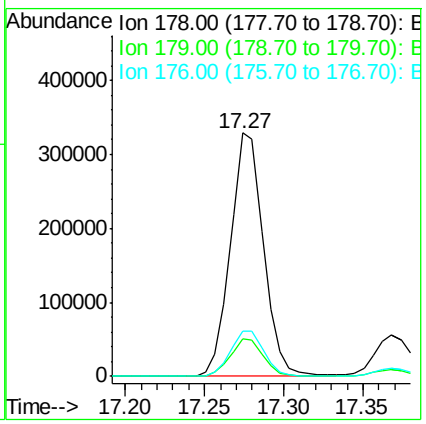


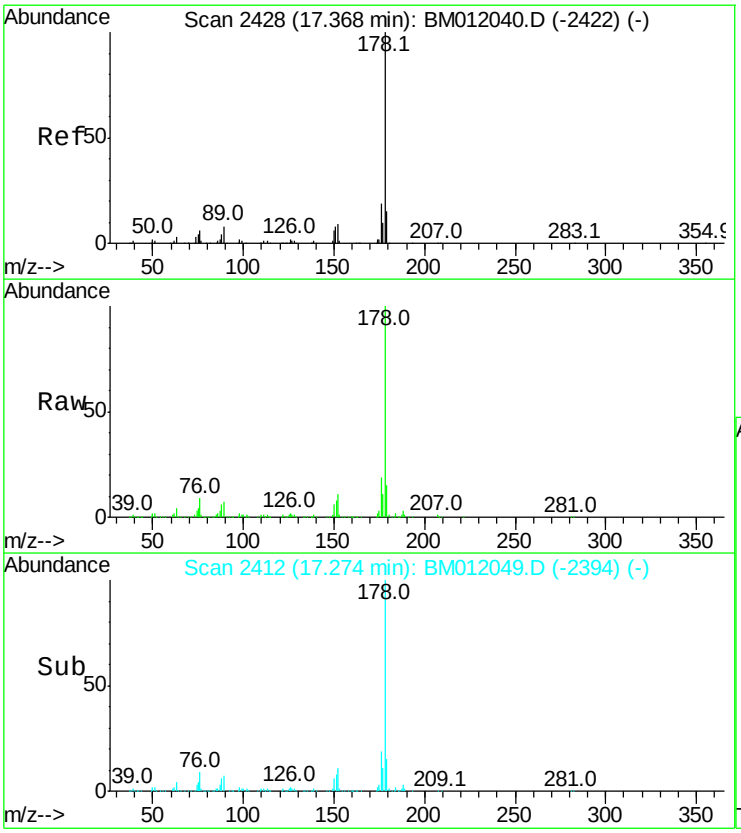
#69
Phenanthrene
Concen: 6.001 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 474161

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	18.5	14.9	22.3

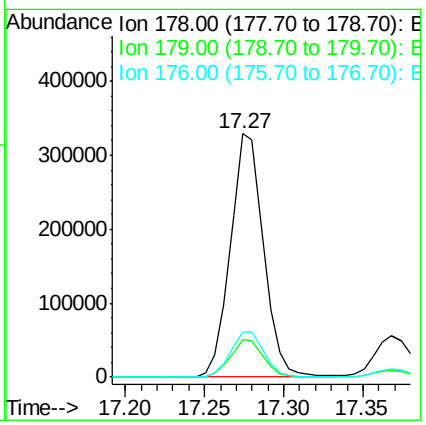


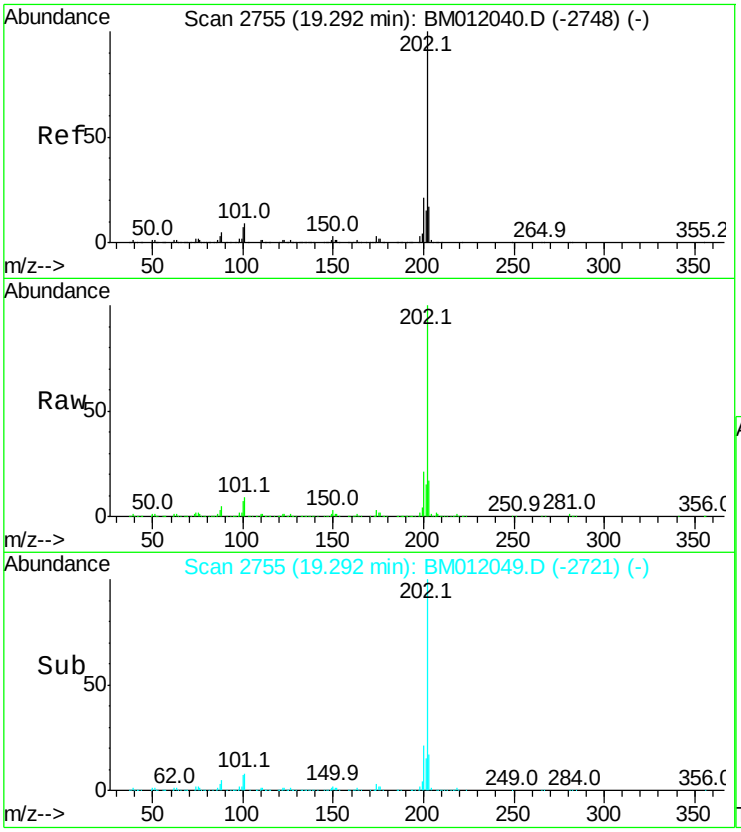


#71
Anthracene
Concen: 5.898 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.09 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Tgt Ion:178 Resp: 474161

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	18.5	14.6	21.8



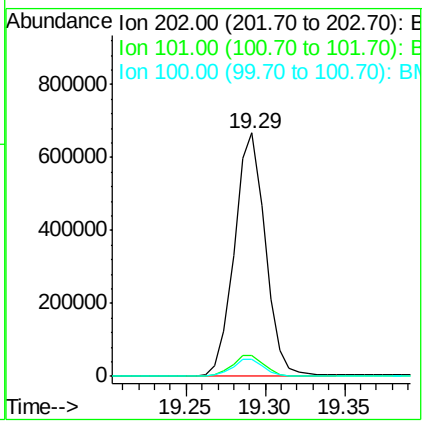


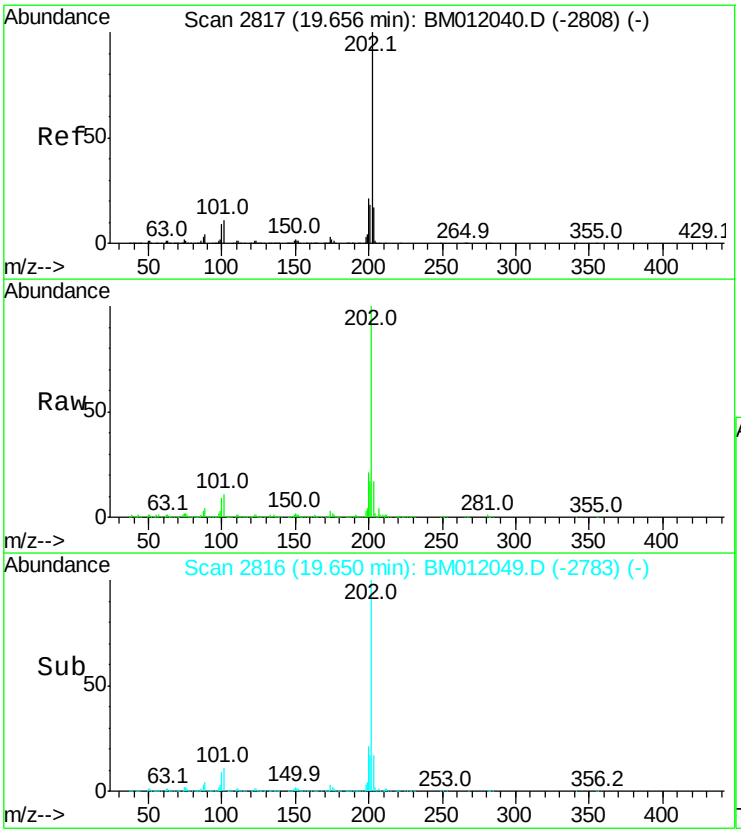
#74
Fluoranthene
Concen: 9.358 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 902150

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.7	3.4	5.2#

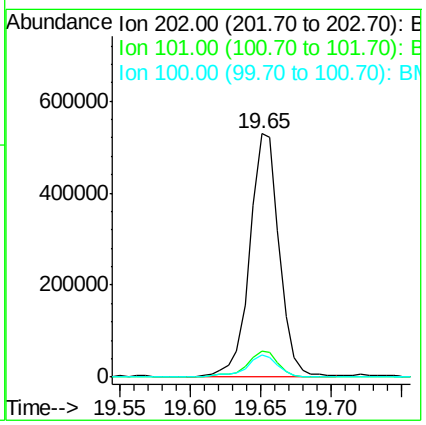


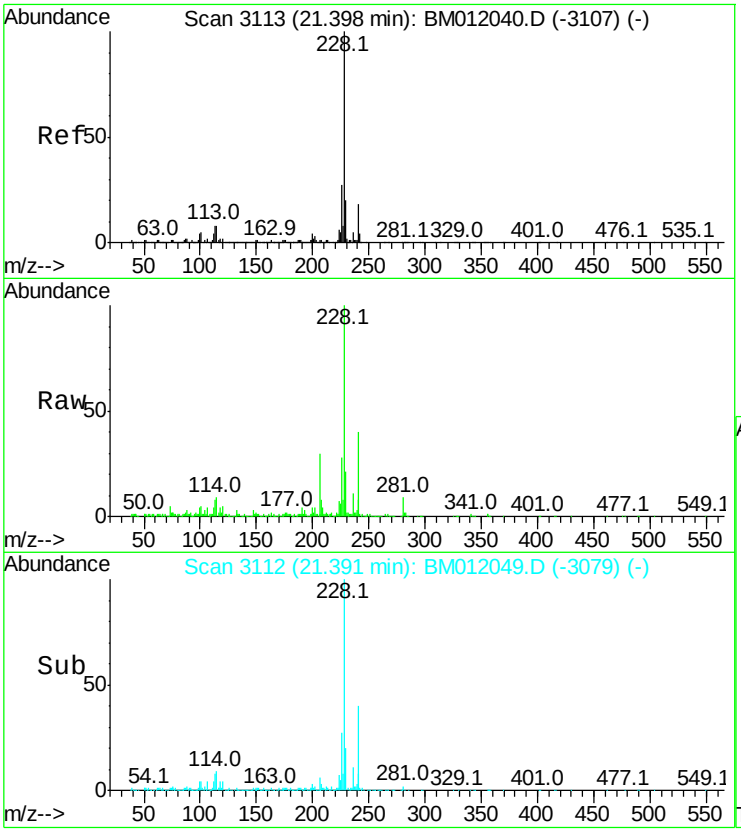


#77
Pyrene
Concen: 7.703 ng/ul
RT: 19.65 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Tgt Ion:202 Resp: 777827

Ion	Ratio	Lower	Upper
202	100		
101	10.9	5.1	7.7#
100	9.0	4.9	7.3#



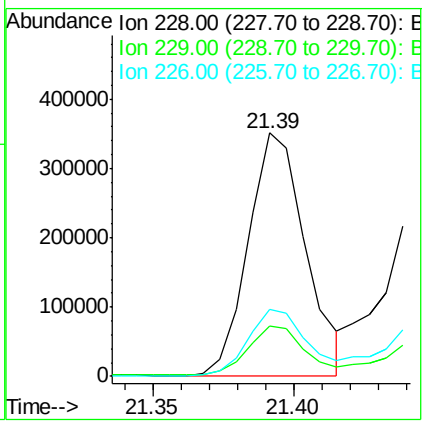


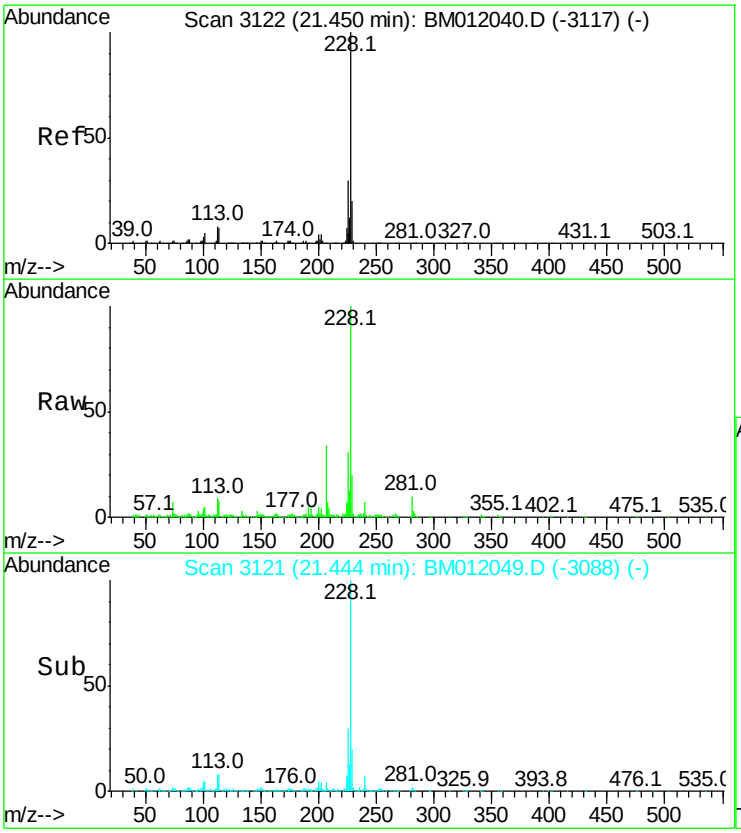
#80
Benzo(a)anthracene
Concen: 4.731 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 493581

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.5	21.4	32.0

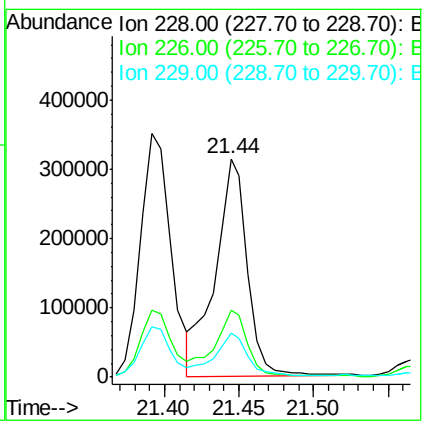


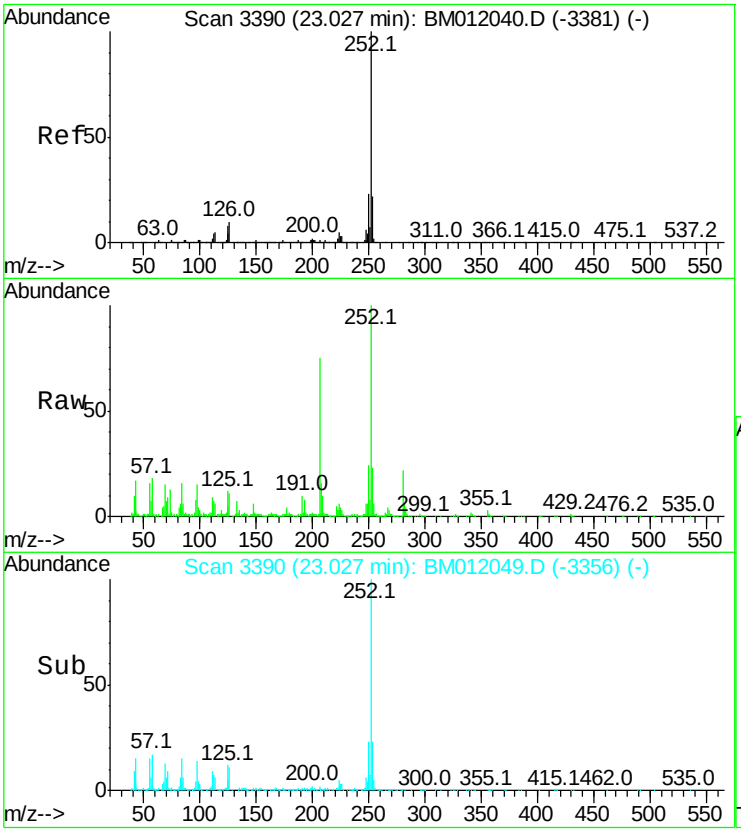


#82
Chrysene
Concen: 4.806 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Tgt Ion:228 Resp: 476368

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	19.9	15.5	23.3



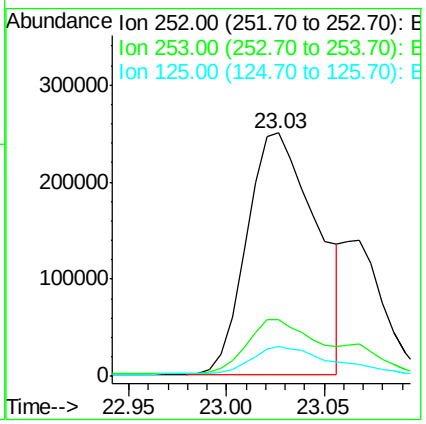


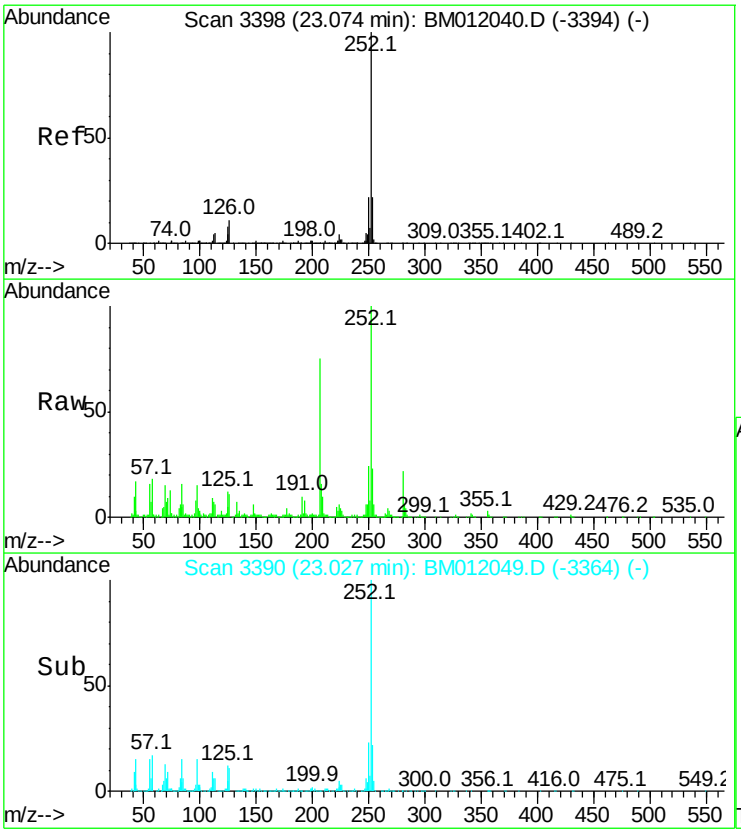
#85
Benzo(b)fluoranthene
Concen: 5.892 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 617792

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	12.3	3.6	5.4#

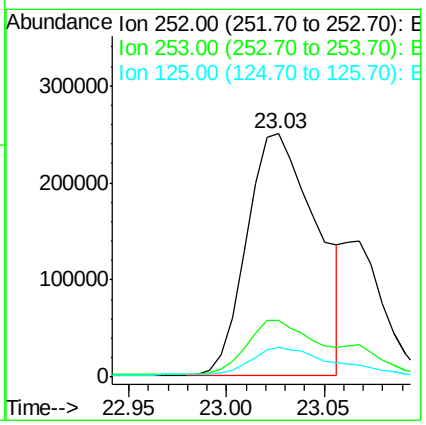


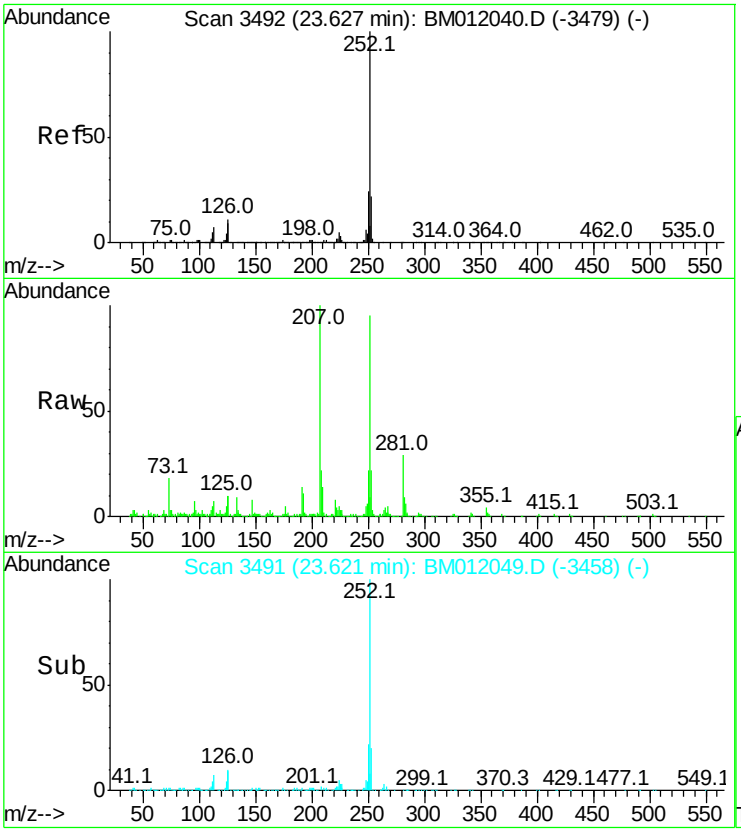


#86
Benzo(k)fluoranthene
Concen: 5.902 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Tgt Ion:252 Resp: 617792

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	12.3	3.4	5.2#



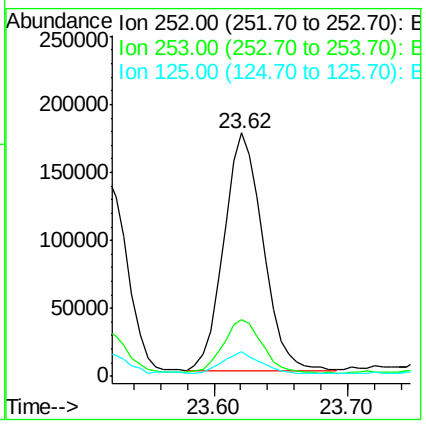


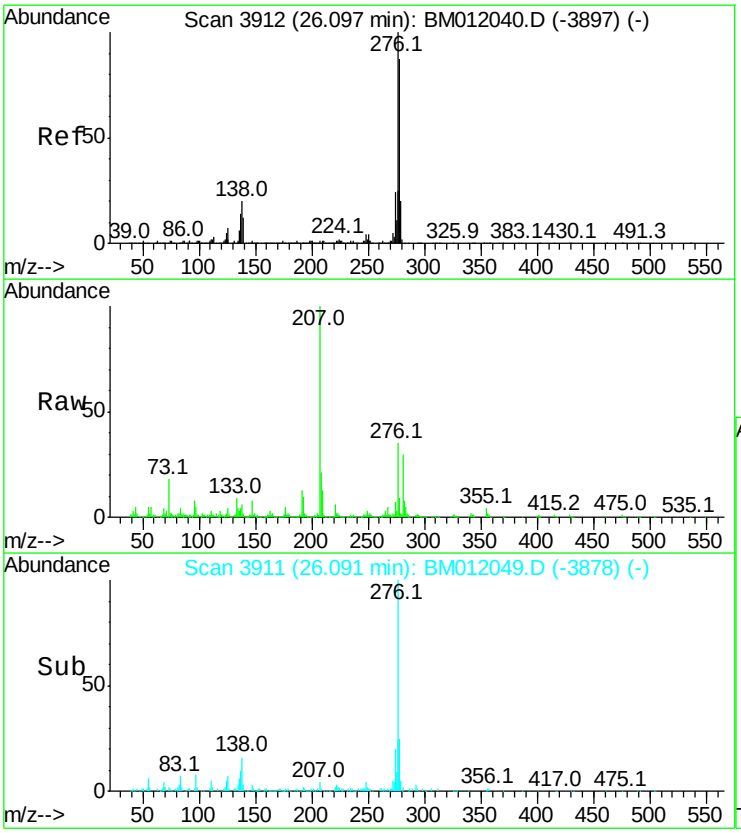
#88
Benzo(a)pyrene
Concen: 3.536 ng/ul
RT: 23.62 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 356226

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	10.1	4.0	6.0#

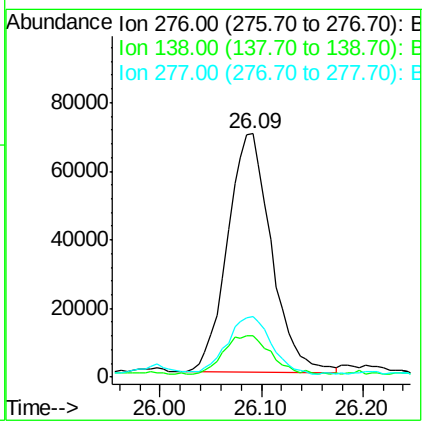


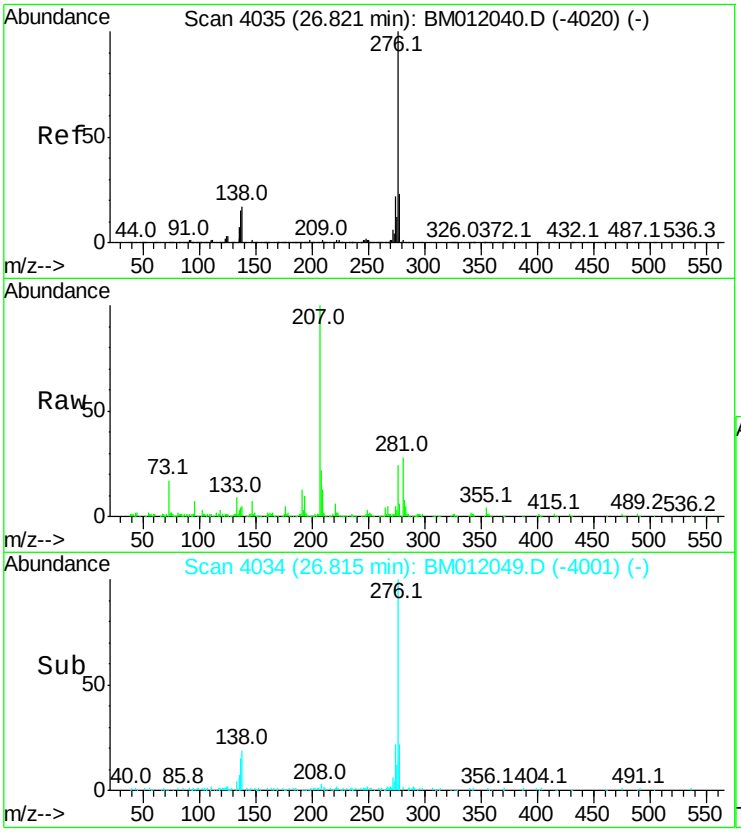


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.939 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Tgt Ion:276 Resp: 209077

Ion	Ratio	Lower	Upper
276	100		
138	17.0	9.3	13.9#
277	25.1	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.824 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM012049.D
Acq: 10 Oct 2017 19:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 162658

Ion	Ratio	Lower	Upper
276	100		
138	20.1	8.5	12.7#
277	22.9	18.6	28.0