Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013142.D
Acq On : 28 Nov 2017 18:32
Operator : SJ/JU
Sample : I6556-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0GD5

Quant Time: Nov 29 04:30:11 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	203982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	908360	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	562564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1259657	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1023206	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	782811	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	12662	2.88	ng/uL	0.00
5) Phenol-d5	6.89	99	292092	16.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	183093	18.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	242130	17.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	243140	16.80	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	130433	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	139461	22.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	262384	16.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	309882	18.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	891198	18.06	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1084643	17.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	111595	14.91	ng/ul	0.00
57) Fluorene-d10	15.34	176	738619	17.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	108020	19.78	ng/ul	0.00
70) Anthracene-d10	17.19	188	1148587	17.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	1128539	21.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	728023	18.34	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.91	94	26413	1.515	ng/ul#	81
69) Phenanthrene	17.13	178	208834	2.947	ng/ul	99
74) Fluoranthene	19.15	202	513892	6.001	ng/ul#	94
77) Pyrene	19.52	202	488353	7.665	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	215958	3.298	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.20	149	248074	6.358	ng/ul	99
82) Chrysene	21.31	228	251781	4.146	ng/ul	94
85) Benzo(b)fluoranthene	22.83	252	266516	5.268	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	86128	1.849	ng/ul#	89
88) Benzo(a)pyrene	23.40	252	161492	3.428	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	113606	2.064	ng/ul#	93
91) Benzo(g,h,i)perylene	26.41	276	102258	2.236	ng/ul#	96

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

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
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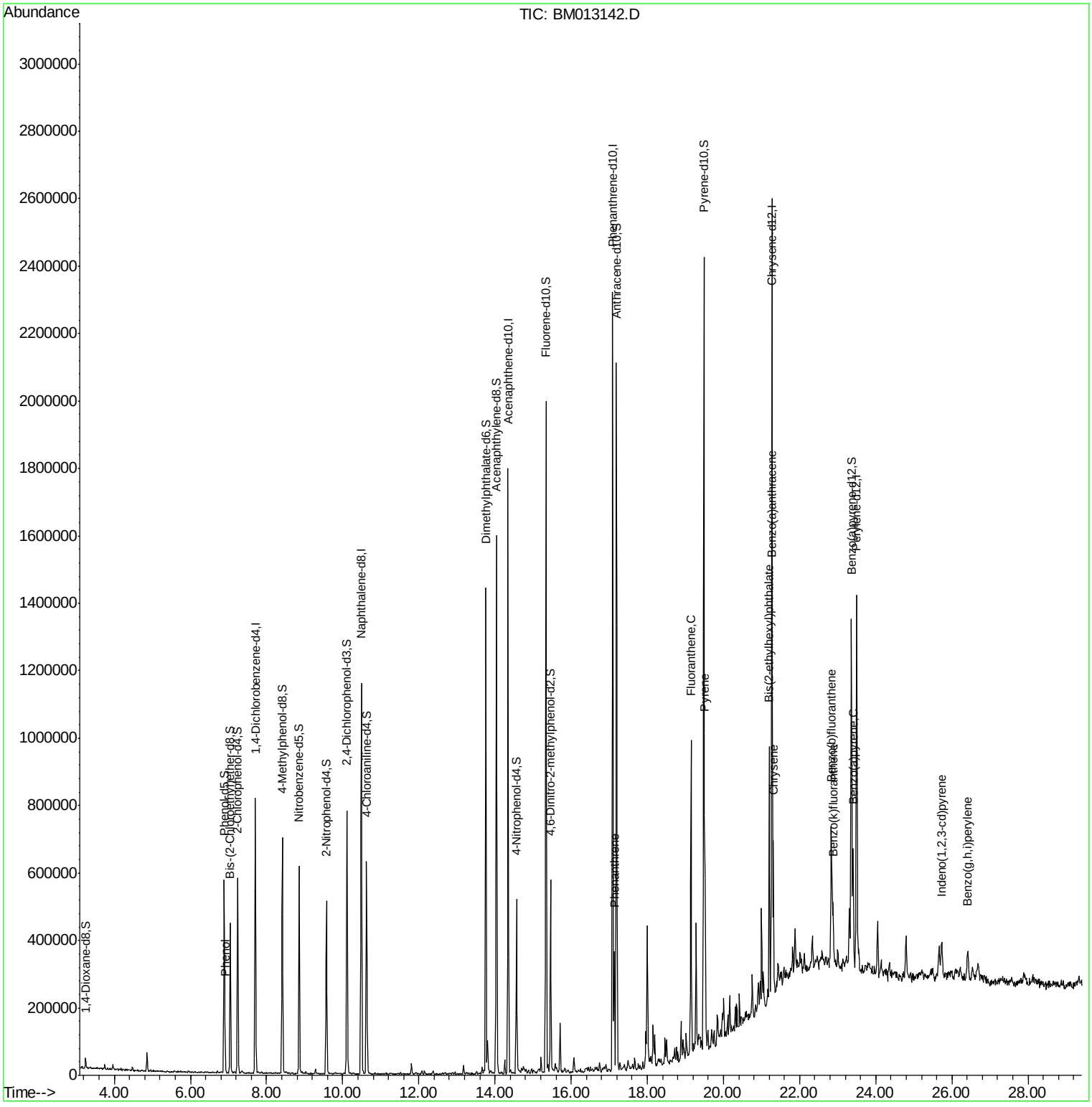
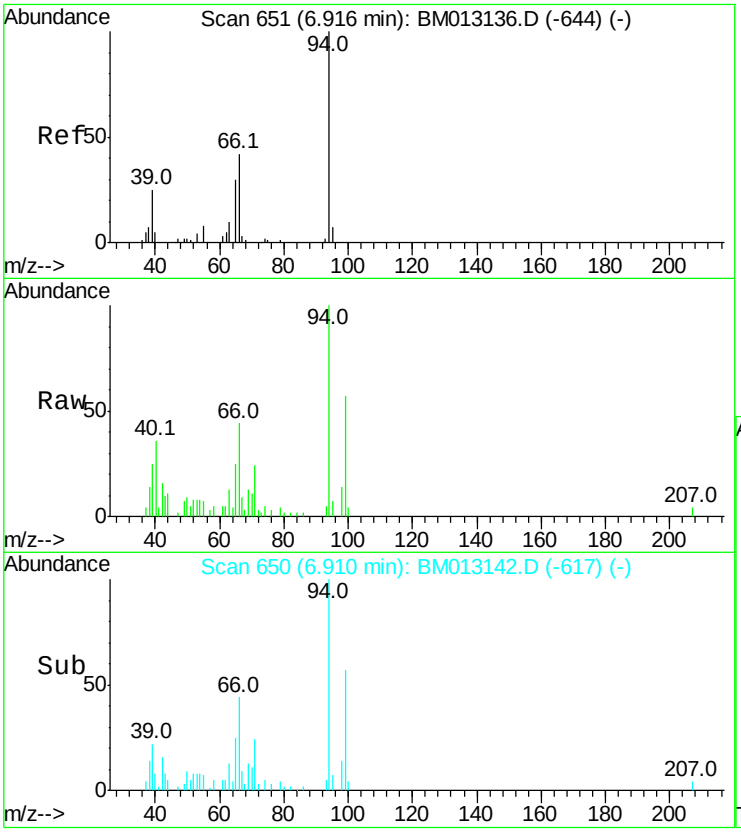


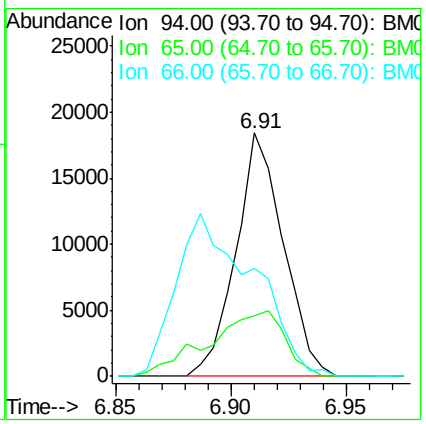


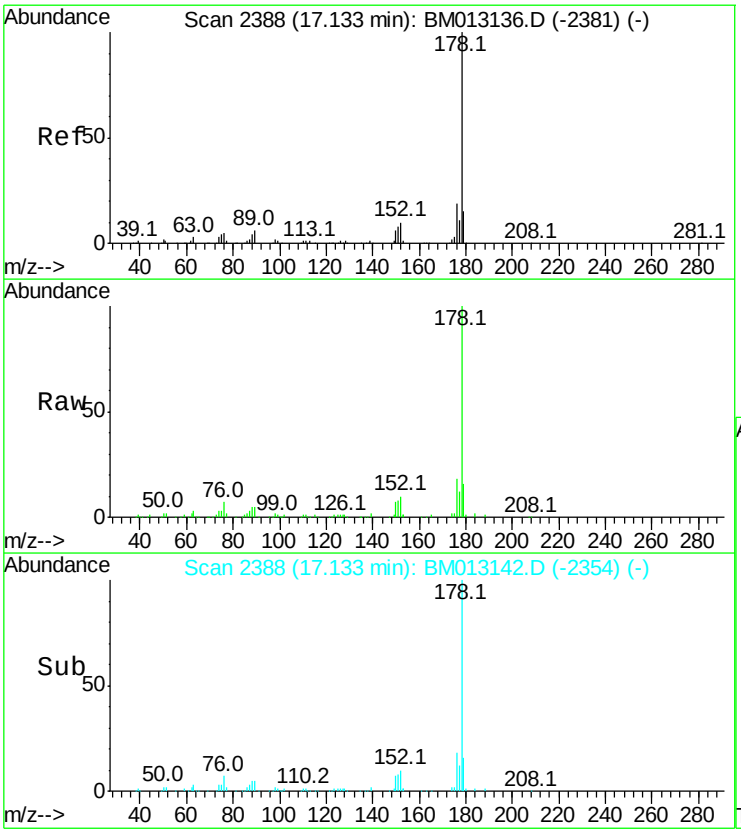
#6
Phenol
Concen: 1.515 ng/ul
RT: 6.91 min Scan# 650
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Instrument :
BNA_M
ClientSampleId :
B0GD5

Tgt Ion: 94 Resp: 26413

Ion	Ratio	Lower	Upper
94	100		
65	25.1	28.2	42.4#
66	44.2	47.2	70.8#

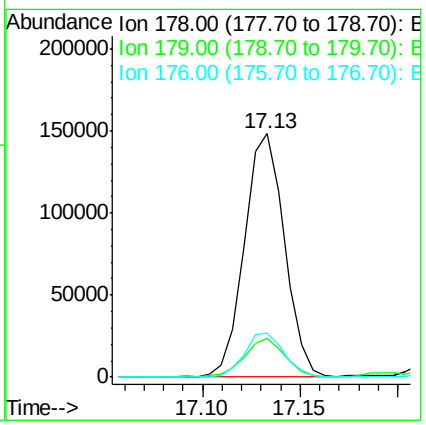


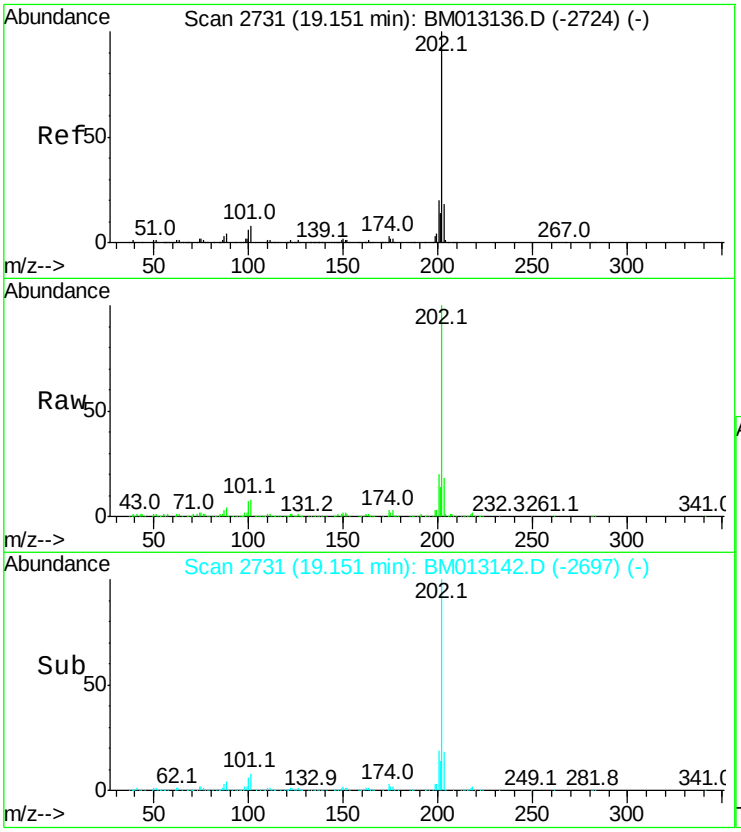


#69
Phenanthrene
Concen: 2.947 ng/ul
RT: 17.13 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:178 Resp: 208834

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	17.8	14.9	22.3



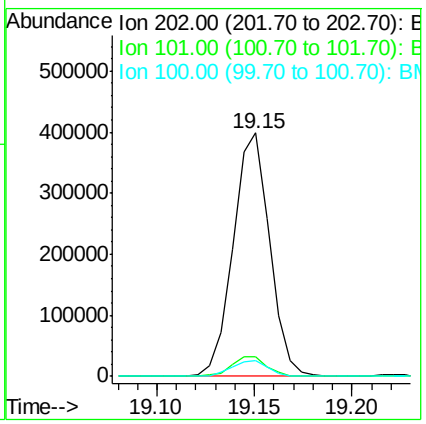


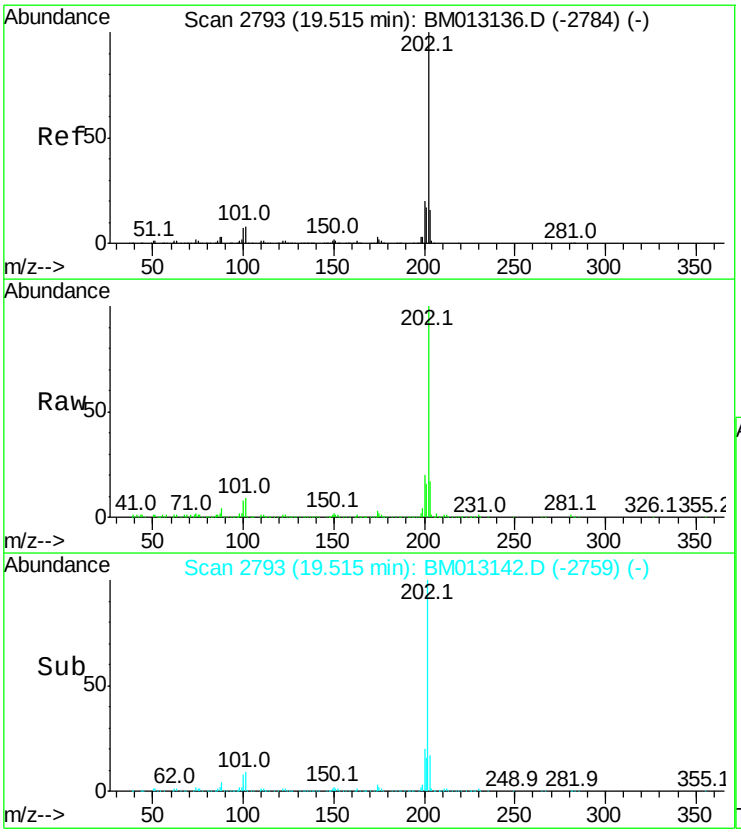
#74
Fluoranthene
Concen: 6.001 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. -0.00 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Instrument :
BNA_M
ClientSampleId :
B0GD5

Tgt Ion:202 Resp: 513892

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.5	3.4	5.2#

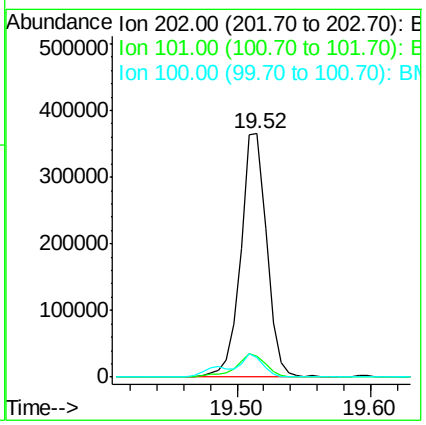


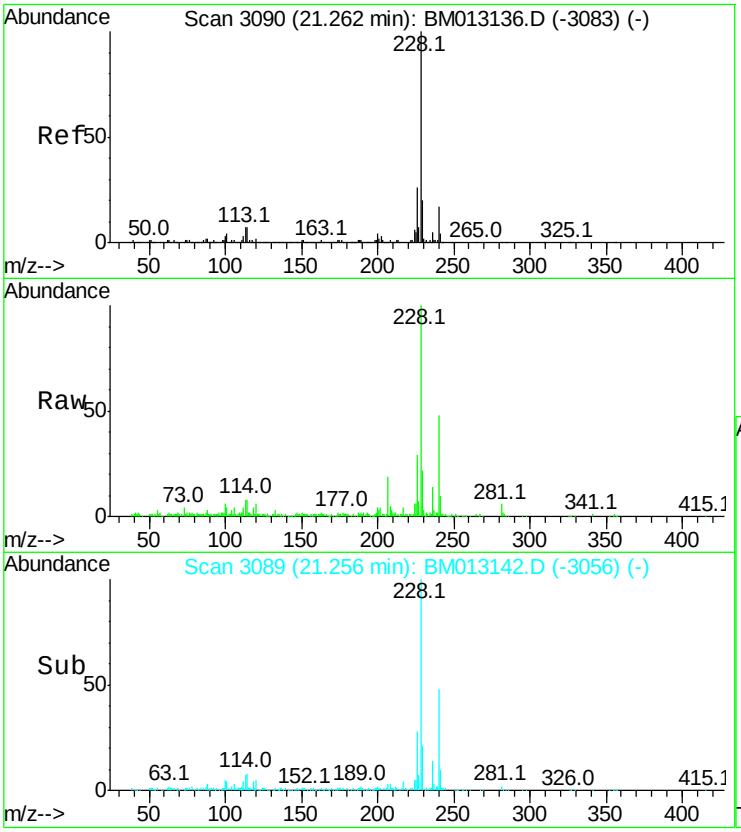


#77
Pyrene
Concen: 7.665 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. -0.00 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:202 Resp: 488353

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.9	4.9	7.3#



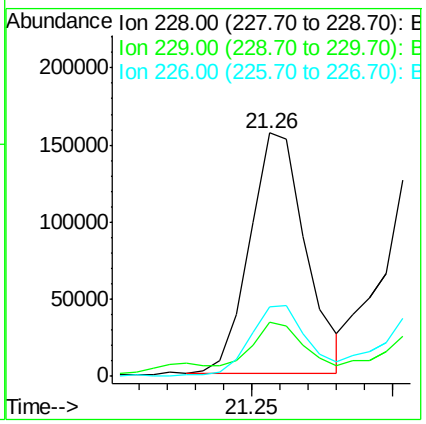


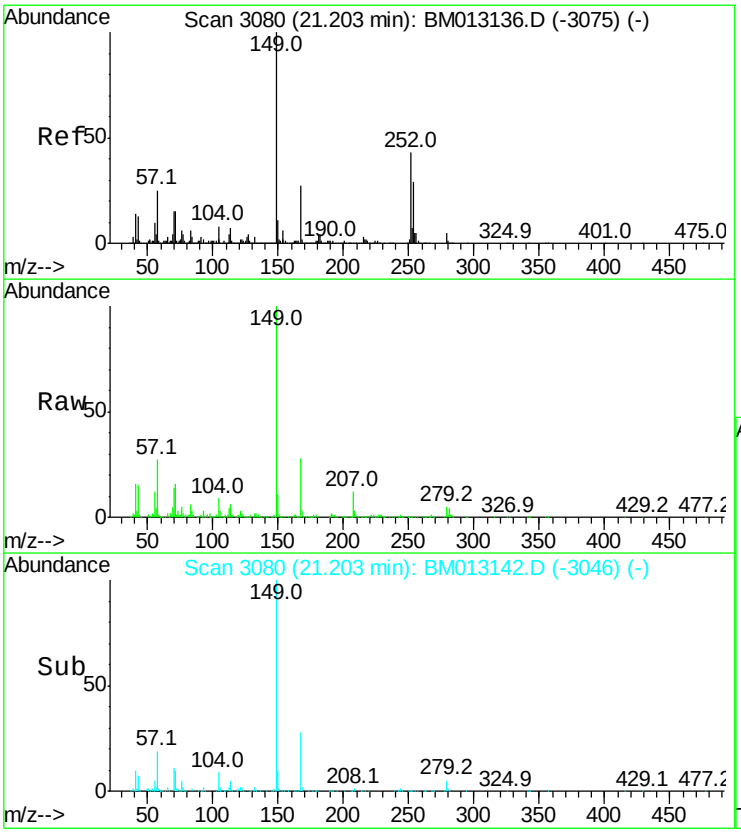
#80
Benzo(a)anthracene
Concen: 3.298 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Instrument :
BNA_M
ClientSampleId :
B0GD5

Tgt Ion:228 Resp: 215958

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	28.6	21.4	32.0

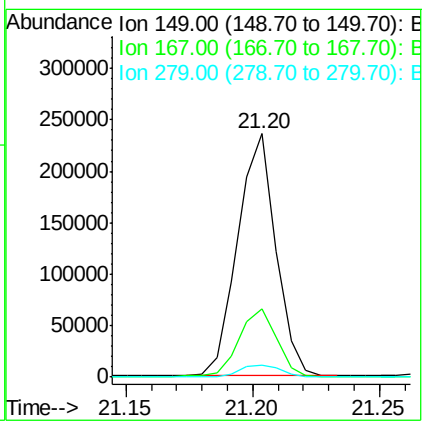


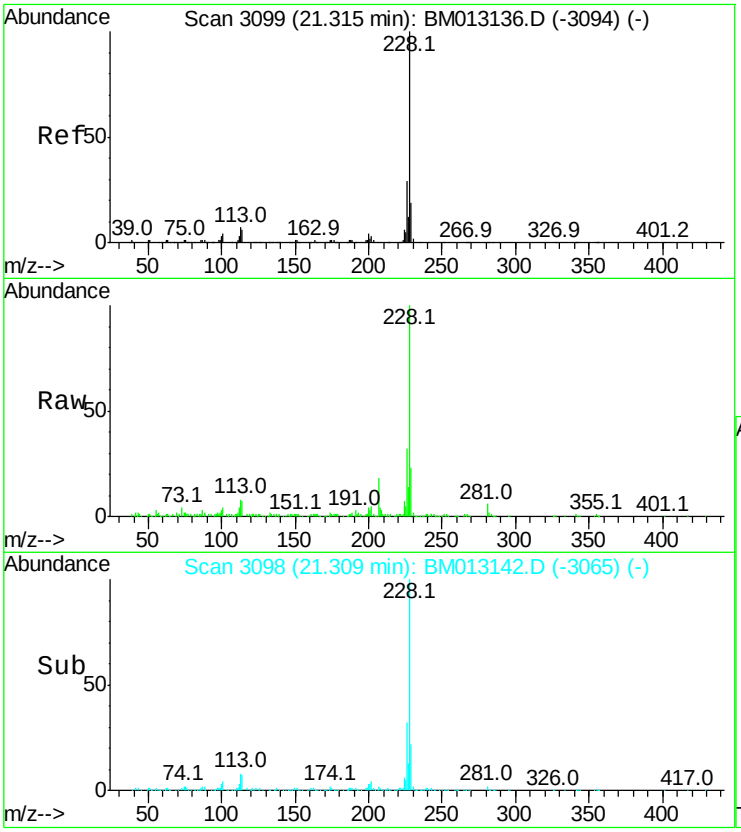


#81
Bis(2-ethylhexyl)phthalate
Concen: 6.358 ng/ul
RT: 21.20 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:149 Resp: 248074

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	5.0	4.9	7.3



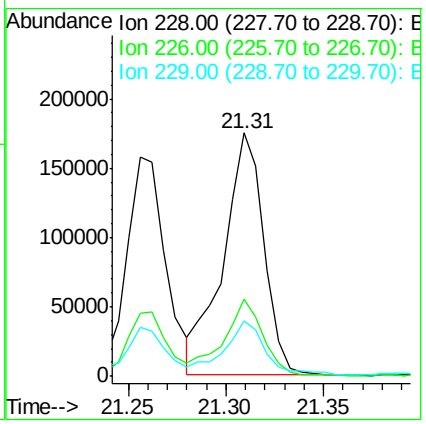


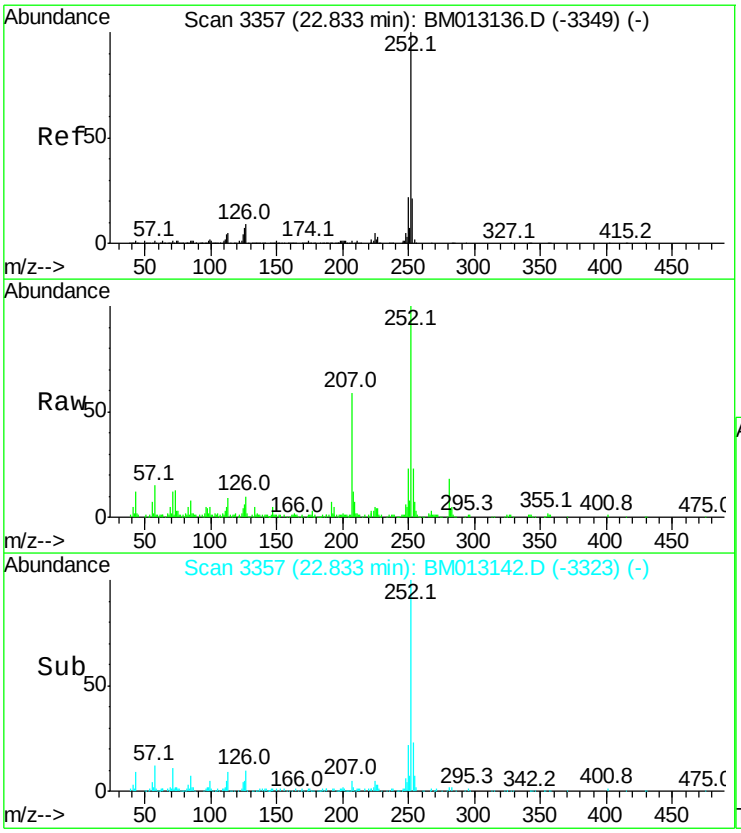
#82
Chrysene
Concen: 4.146 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Instrument :
BNA_M
ClientSampleId :
B0GD5

Tgt Ion:228 Resp: 251781

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	22.6	15.5	23.3

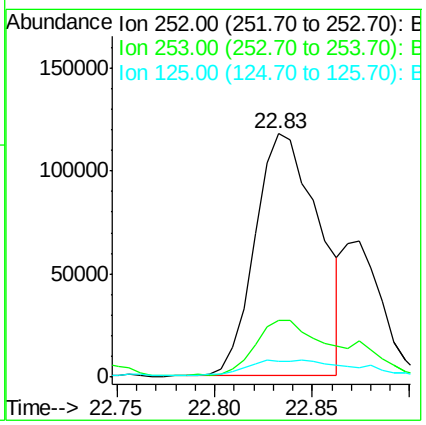


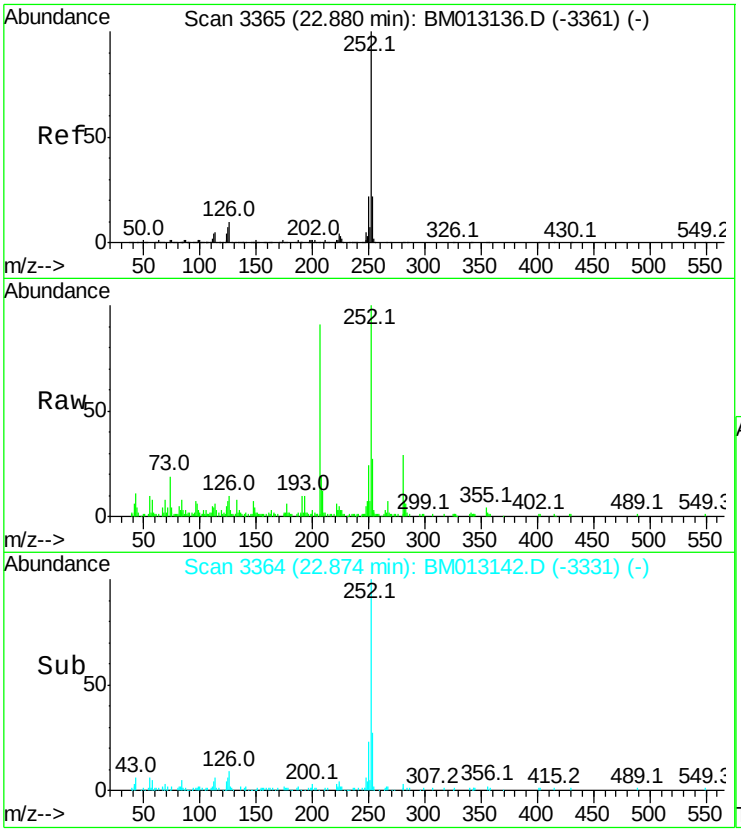


#85
Benzo(b)fluoranthene
Concen: 5.268 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:252 Resp: 266516

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	6.5	3.6	5.4#



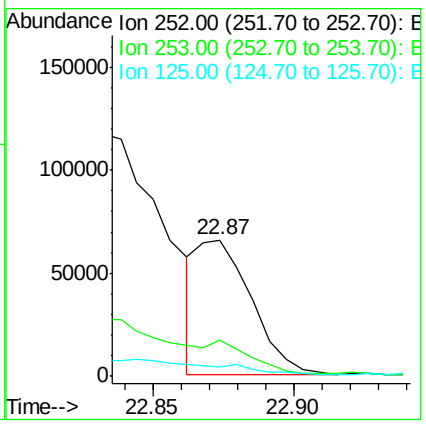


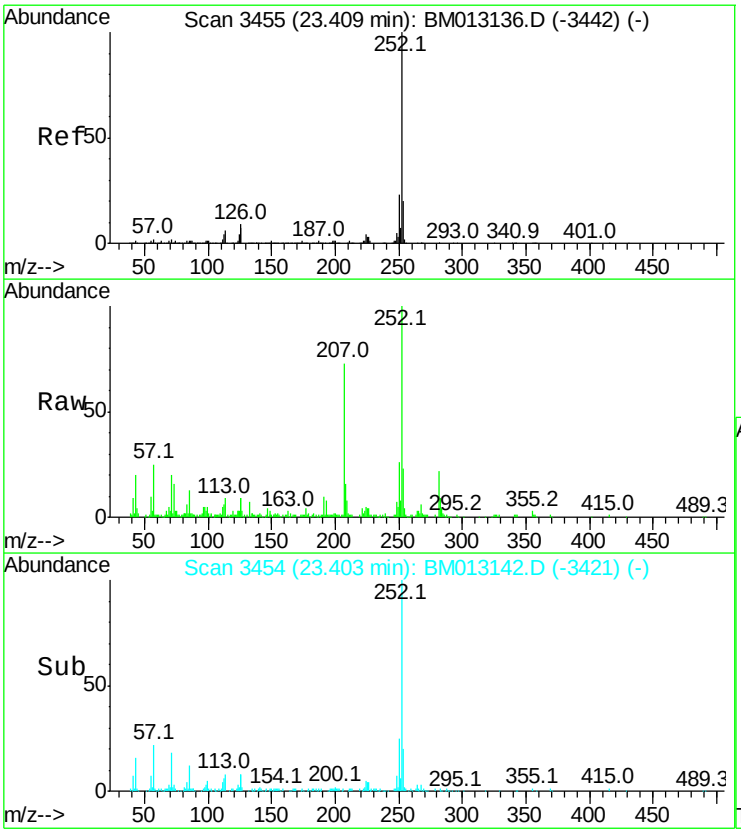
#86
Benzo(k)fluoranthene
Concen: 1.849 ng/ul
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Instrument :
BNA_M
ClientSampleId :
B0GD5

Tgt Ion:252 Resp: 86128

Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7#
125	7.0	3.4	5.2#

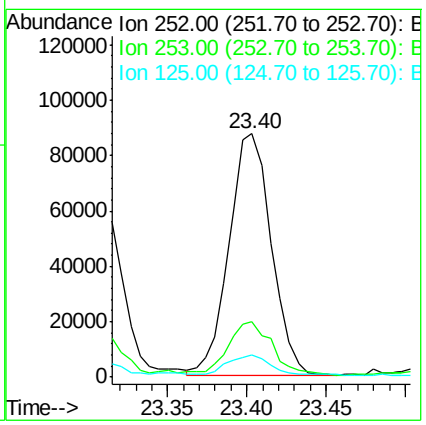


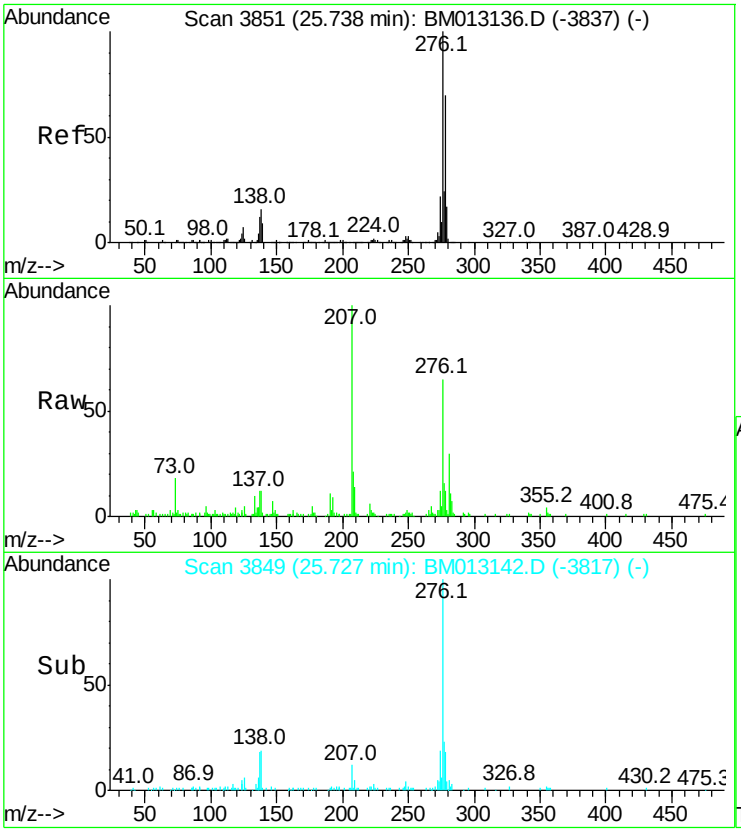


#88
Benzo(a)pyrene
Concen: 3.428 ng/ul
RT: 23.40 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:252 Resp: 161492

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	8.9	4.0	6.0#



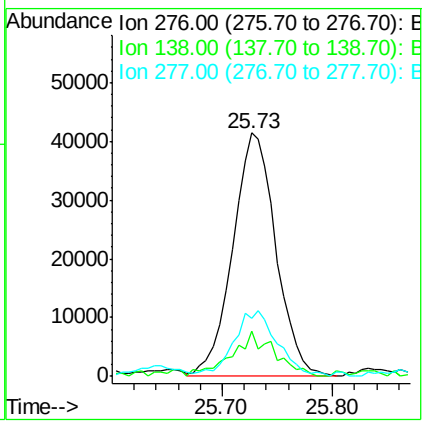


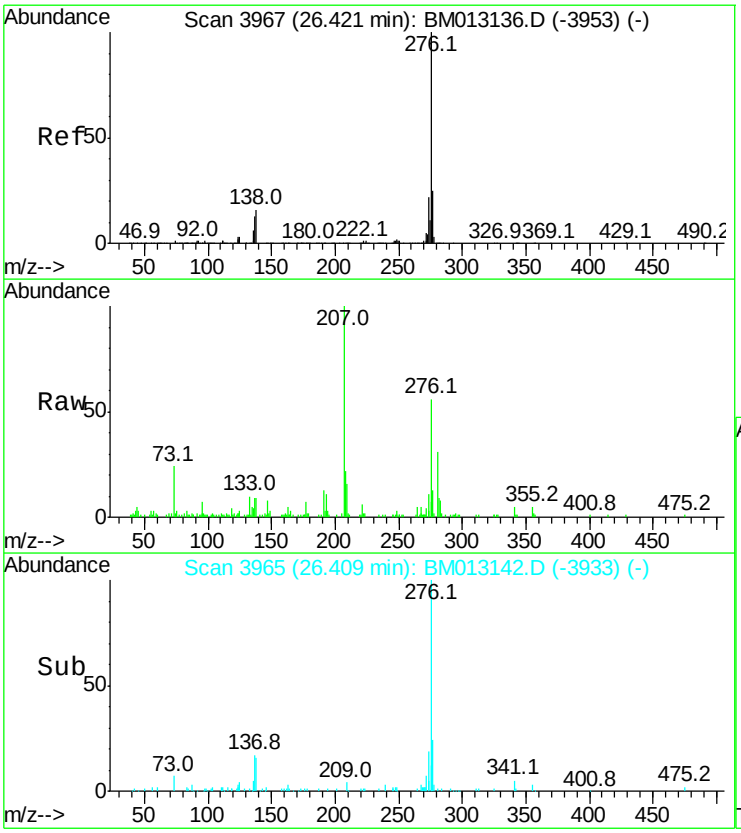
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.064 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Instrument :
BNA_M
ClientSampleId :
B0GD5

Tgt Ion:276 Resp: 113606

Ion	Ratio	Lower	Upper
276	100		
138	18.4	9.3	13.9#
277	23.9	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.236 ng/ul
RT: 26.41 min Scan# 3965
Delta R.T. -0.01 min
Lab File: BM013142.D
Acq: 28 Nov 2017 18:32

Tgt Ion:276 Resp: 102258

Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.5	12.7#
277	23.6	18.6	28.0