Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013173.D
Acq On : 04 Dec 2017 18:59
Operator : SJ/JU
Sample : I6646-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0271

Quant Time: Dec 05 05:51:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	285777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1242558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	738954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1667615	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1722037	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1346203	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	15228	2.64	ng/uL	0.00
5) Phenol-d5	6.88	99	351550	14.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	220360	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	291643	15.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	304120	14.40	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	155704	15.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	160753	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	303578	13.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	357476	17.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1013707	15.42	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1240609	15.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	139674	12.23	ng/ul	0.00
57) Fluorene-d10	15.34	176	853391	15.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	122290	11.66	ng/ul	0.00
70) Anthracene-d10	17.19	188	1329895	15.92	ng/ul	0.00
76) Pyrene-d10	19.48	212	1454967	16.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1074601	15.67	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.91	94	38464	1.574	ng/ul#	84
44) Dimethylphthalate	13.80	163	147302	2.342	ng/ul	97
69) Phenanthrene	17.13	178	240064	2.534	ng/ul	98
74) Fluoranthene	19.14	202	365213	3.146	ng/ul#	92
77) Pyrene	19.51	202	333464	3.187	ng/ul#	94
82) Chrysene	21.31	228	162344	1.602	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	158078	1.742	ng/ul#	94

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

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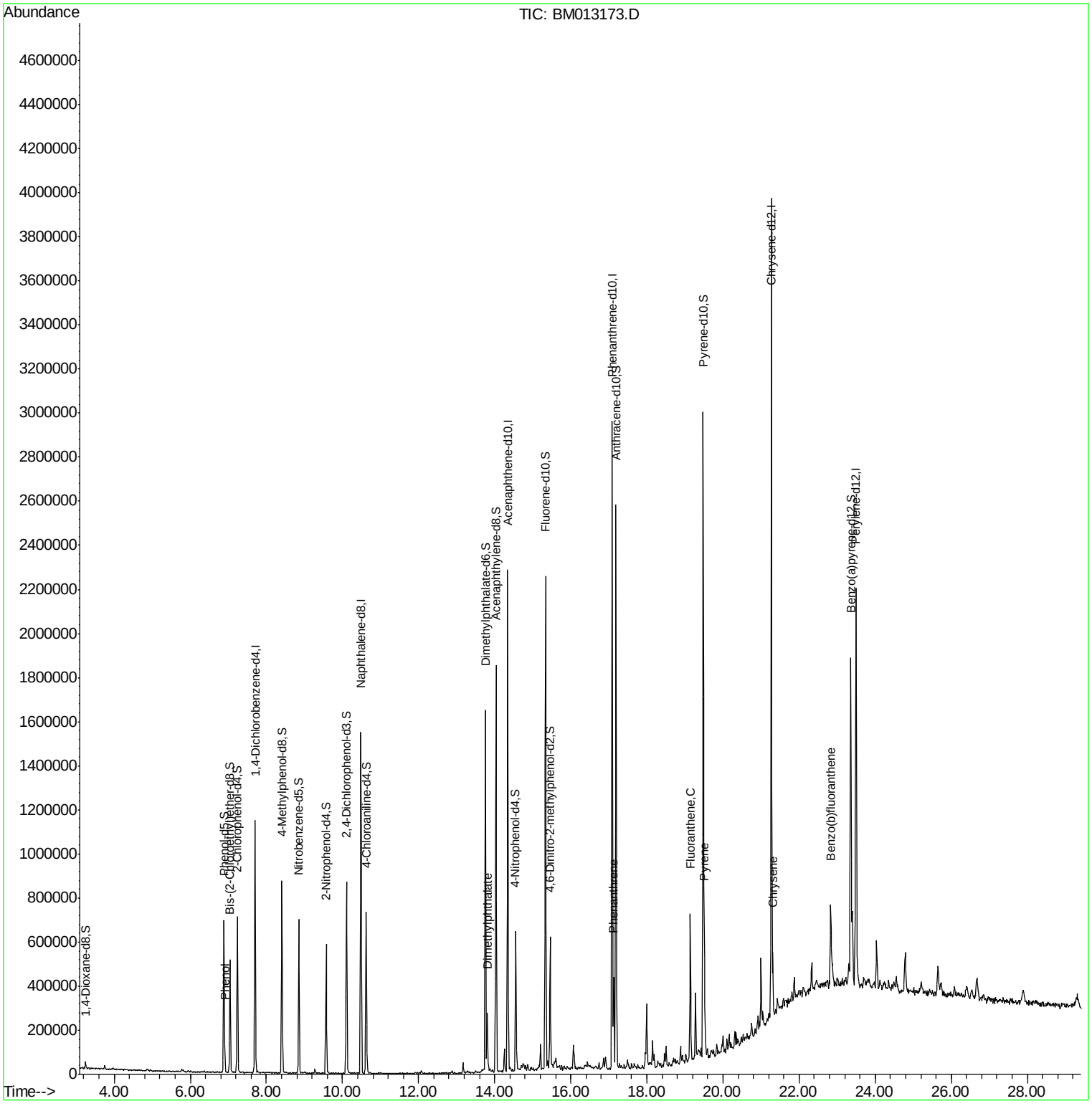
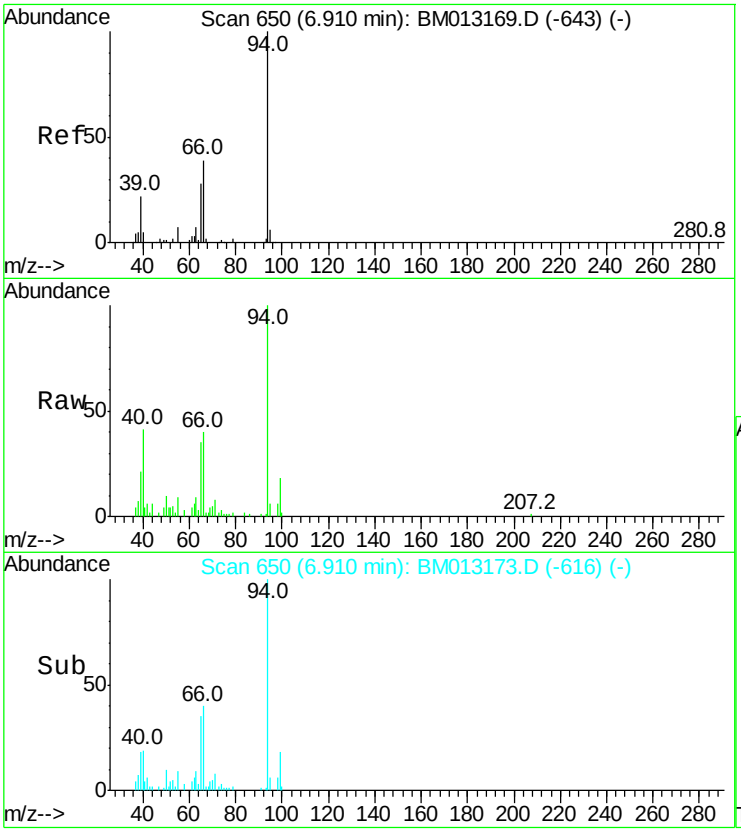


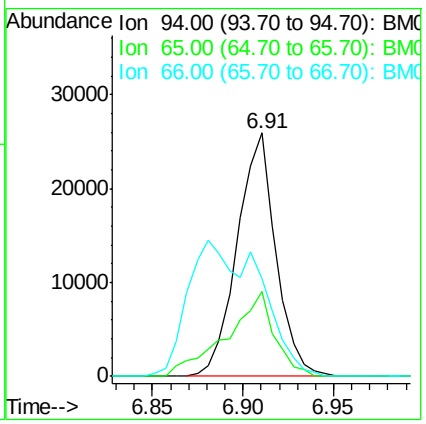


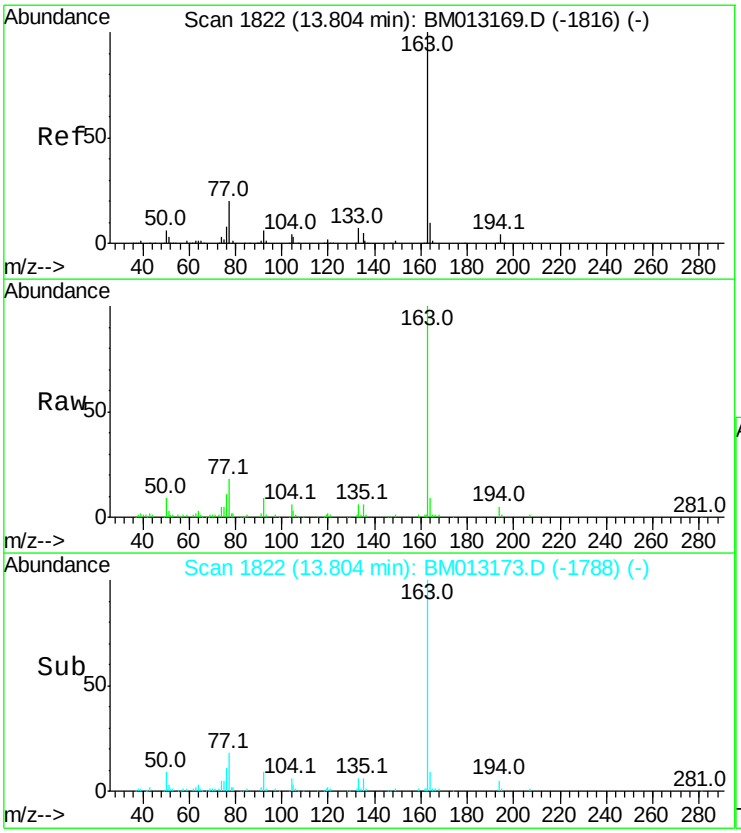
#6
Phenol
Concen: 1.574 ng/ul
RT: 6.91 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Instrument :
BNA_M
ClientSampleId :
C0271

Tgt Ion: 94 Resp: 38464

Ion	Ratio	Lower	Upper
94	100		
65	34.9	28.2	42.4
66	39.9	47.2	70.8#

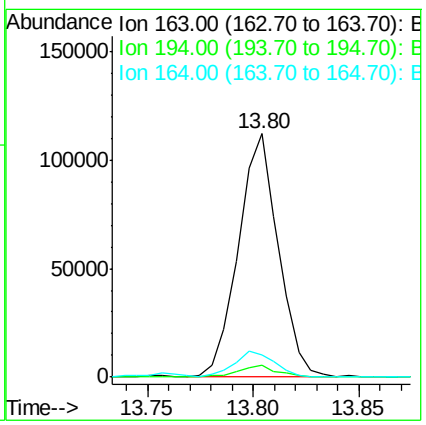


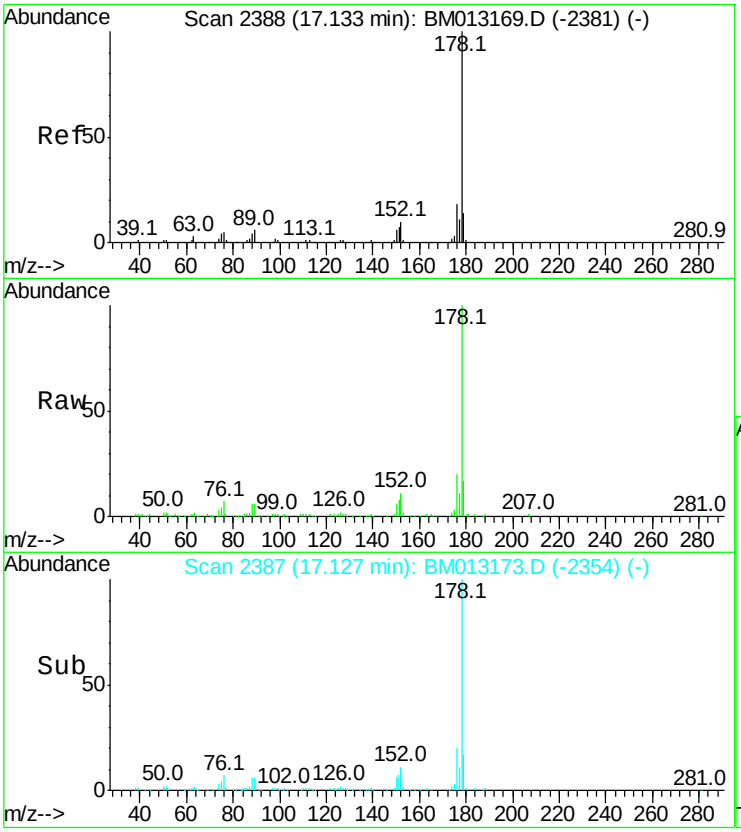


#44
Dimethylphthalate
Concen: 2.342 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Tgt Ion:163 Resp: 147302

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.5	5.3
164	9.1	8.2	12.4



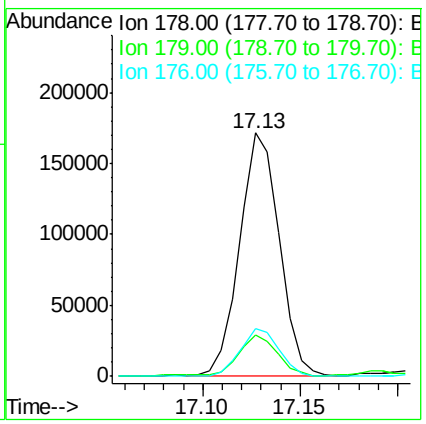


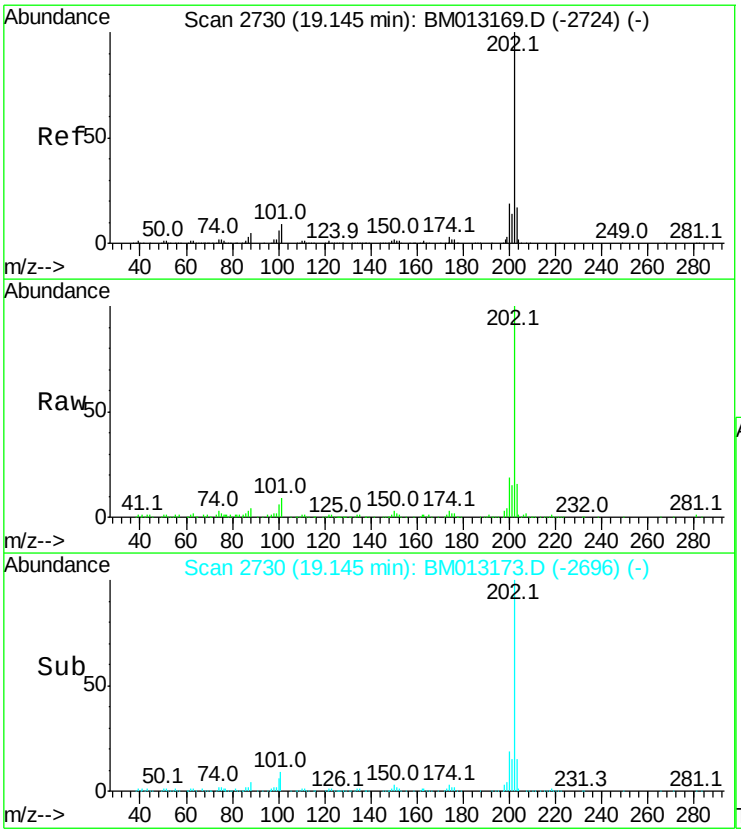
#69
Phenanthrene
Concen: 2.534 ng/ul
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Instrument :
BNA_M
ClientSampleId :
C0271

Tgt Ion:178 Resp: 240064

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	19.0
176	19.8	14.9	22.3

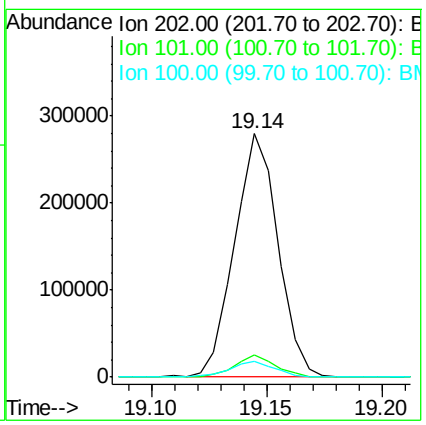


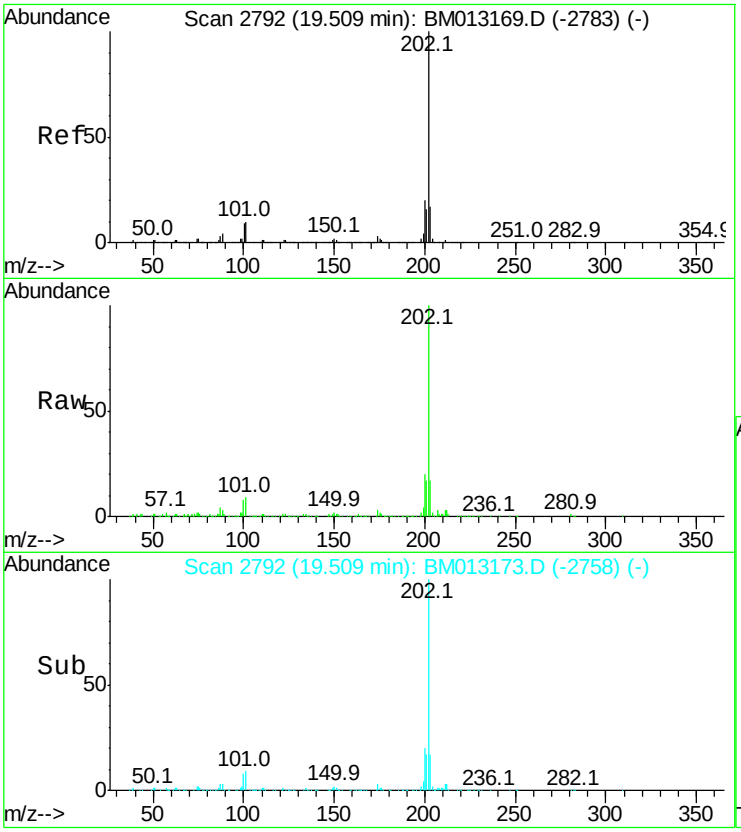


#74
Fluoranthene
Concen: 3.146 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Tgt Ion:202 Resp: 365213

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	6.3	3.4	5.2#



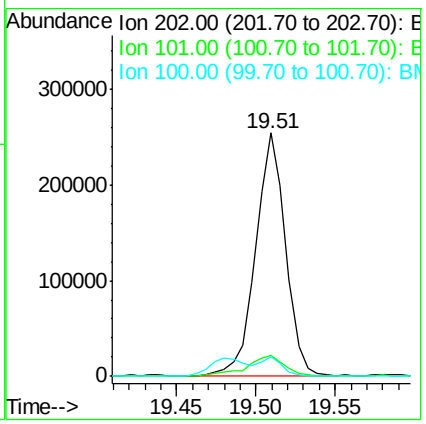


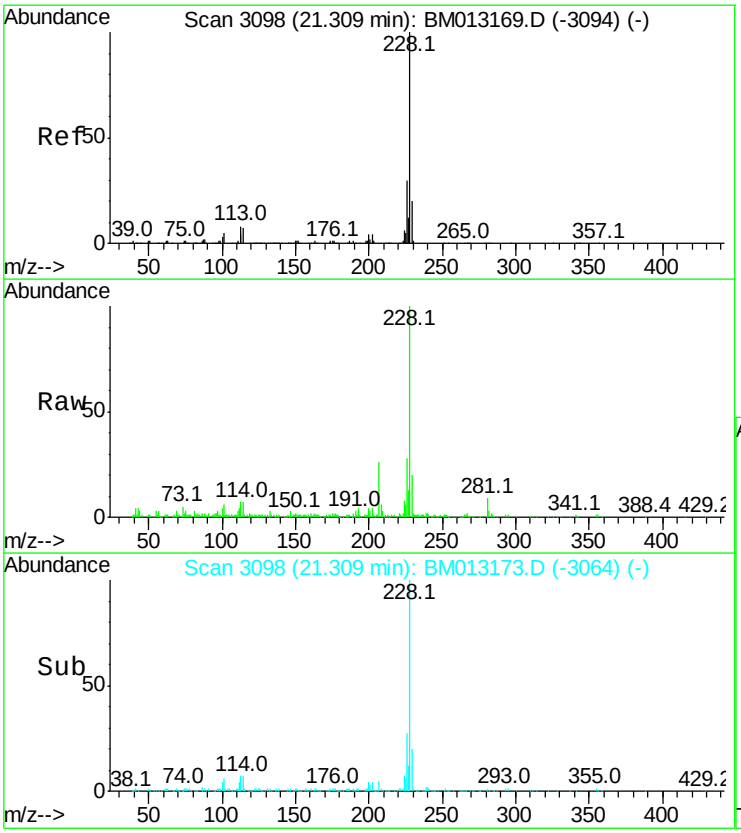
#77
Pyrene
Concen: 3.187 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Instrument :
BNA_M
ClientSampleId :
C0271

Tgt Ion:202 Resp: 333464

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

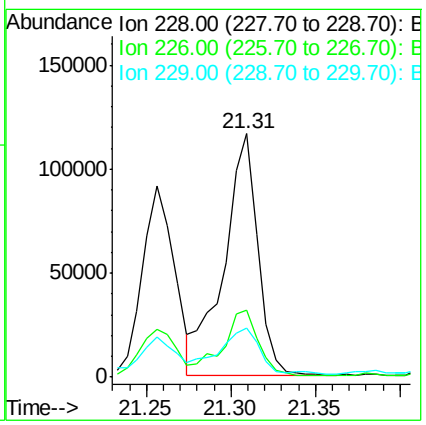


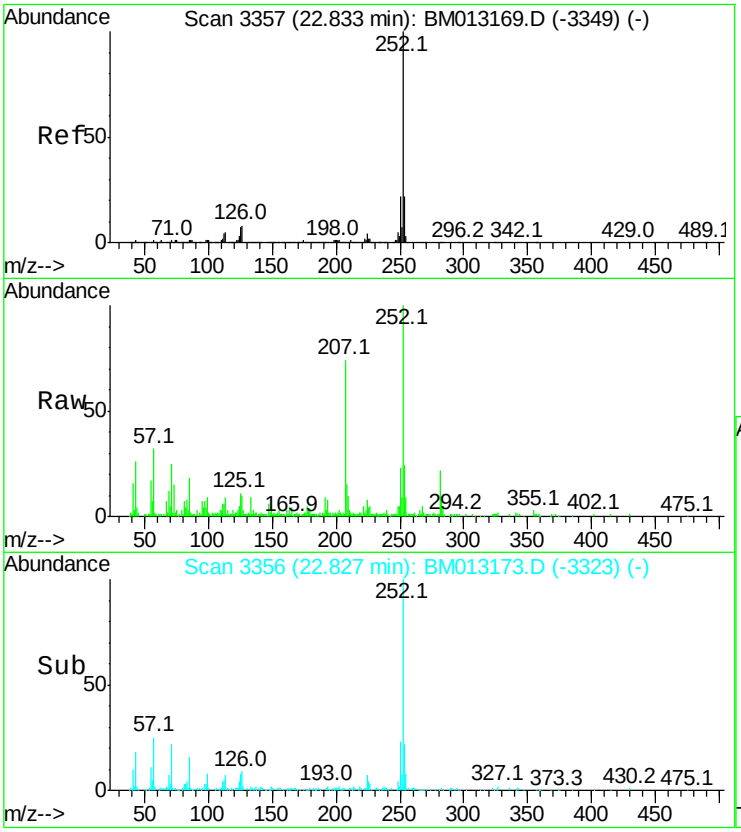


#82
Chrysene
Concen: 1.602 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Tgt Ion:228 Resp: 162344

Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.4	35.2
229	20.2	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 1.742 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM013173.D
Acq: 04 Dec 2017 18:59

Instrument :
BNA_M
ClientSampleId :
C0271

Tgt Ion:252 Resp: 158078

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	10.9	3.6	5.4#