Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003131.D
Acq On : 15 Nov 2015 14:22
Operator : UM/IZ
Sample : G4401-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC791

Quant Time: Nov 16 02:42:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	115001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	509622	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	280900	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	598358	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	604828	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	610265	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11985	4.91	ng/uL	0.00
5) Phenol-d5	6.90	99	254097	27.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	149455	28.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	223903	29.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	214821	29.31	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	105786	34.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	114509	36.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	204734	28.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	296942	32.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	660266	31.24	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	742071	27.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	105673	29.67	ng/ul	0.00
58) Fluorene-d10	15.39	176	497050	27.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	64867	23.41	ng/ul	0.00
71) Anthracene-d10	17.23	188	696842	26.27	ng/ul	0.00
79) Pyrene-d10	19.53	212	692606	23.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	644786	22.23	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.93	94	15725	1.68	ng/ul	90
45) Dimethylphthalate	13.85	163	353473	16.42	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	3674	1.04	ng/ul#	62
70) Phenanthrene	17.17	178	49660	1.47	ng/ul	99
77) Fluoranthene	19.20	202	189688	5.54	ng/ul	95
80) Pyrene	19.56	202	157952	3.99	ng/ul#	93
83) Benzo(a)anthracene	21.31	228	95912	2.89	ng/ul	95
85) Chrysene	21.36	228	79039	2.40	ng/ul	98
88) Benzo(b)fluoranthene	22.91	252	102133	2.91	ng/ul	95
91) Benzo(a)pyrene	23.39	252	42065	1.26	ng/ul	93
92) Indeno(1,2,3-cd)pyrene	25.87	276	43767	1.20	ng/ul#	89
94) Benzo(g,h,i)perylene	26.57	276	37104	1.13	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111515\
Data File : BM003131.D
Acq On : 15 Nov 2015 14:22
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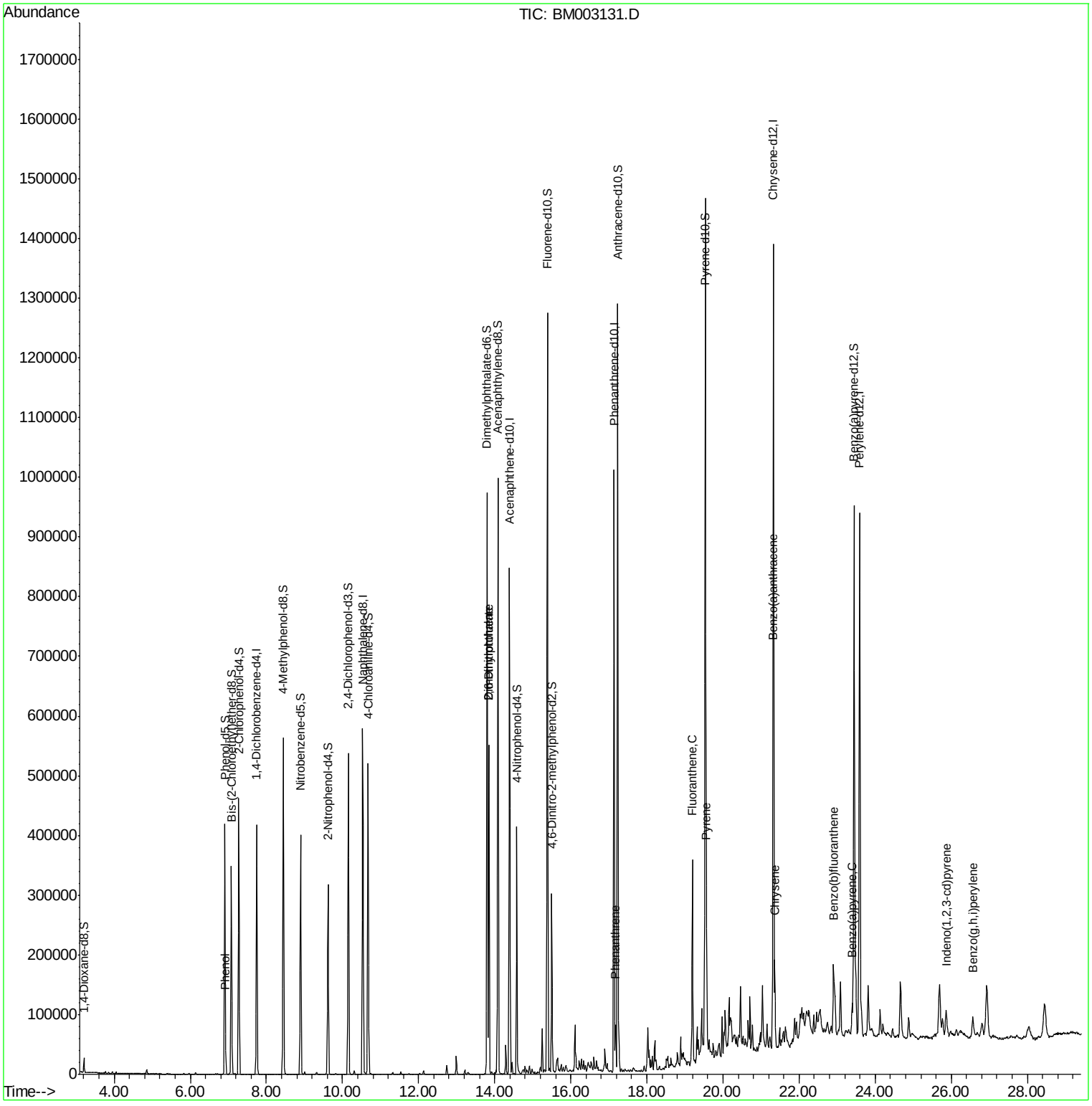
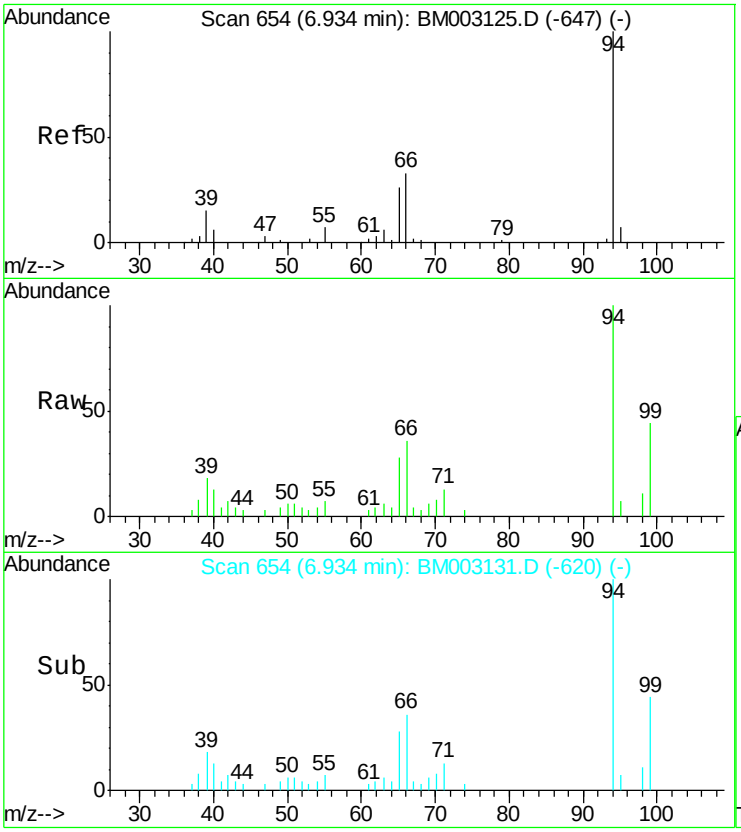
Sample : G4401-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC791

Quant Time: Nov 16 02:42:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 16 02:34:54 2015
Response via : Initial Calibration



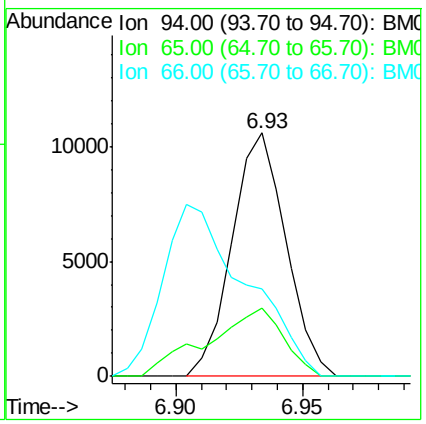


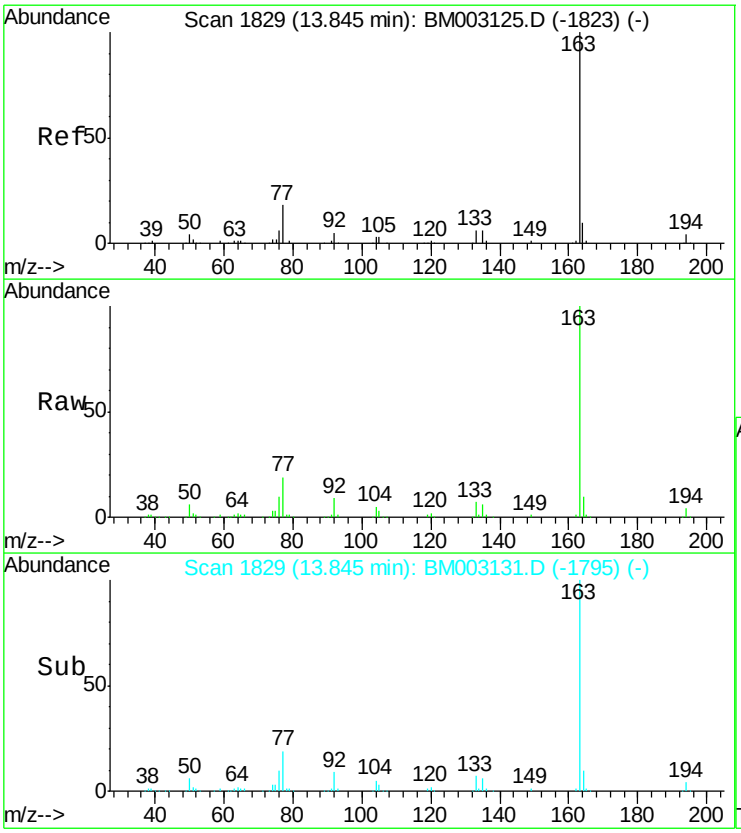
#6
Phenol
Concen: 1.68 ng/ul
RT: 6.93 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion: 94 Resp: 15725

Ion	Ratio	Lower	Upper
94	100		
65	27.9	18.7	28.1
66	35.8	24.2	36.2

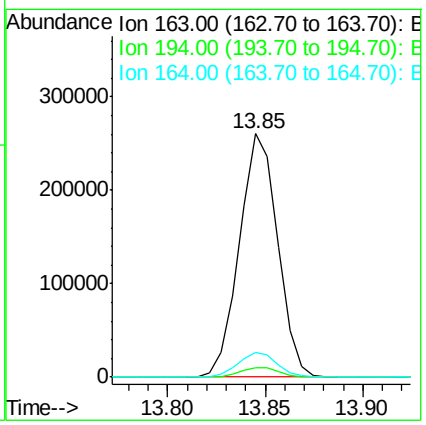


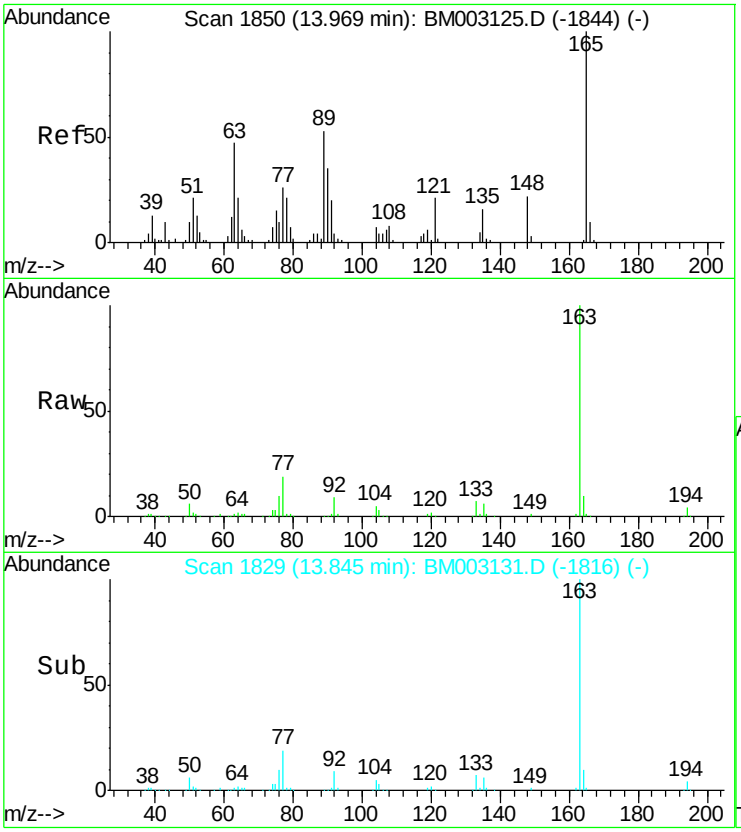


#45
Dimethylphthalate
Concen: 16.42 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:163 Resp: 353473

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.2	7.8	11.8



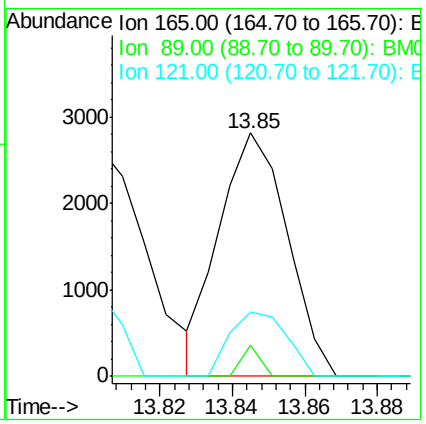


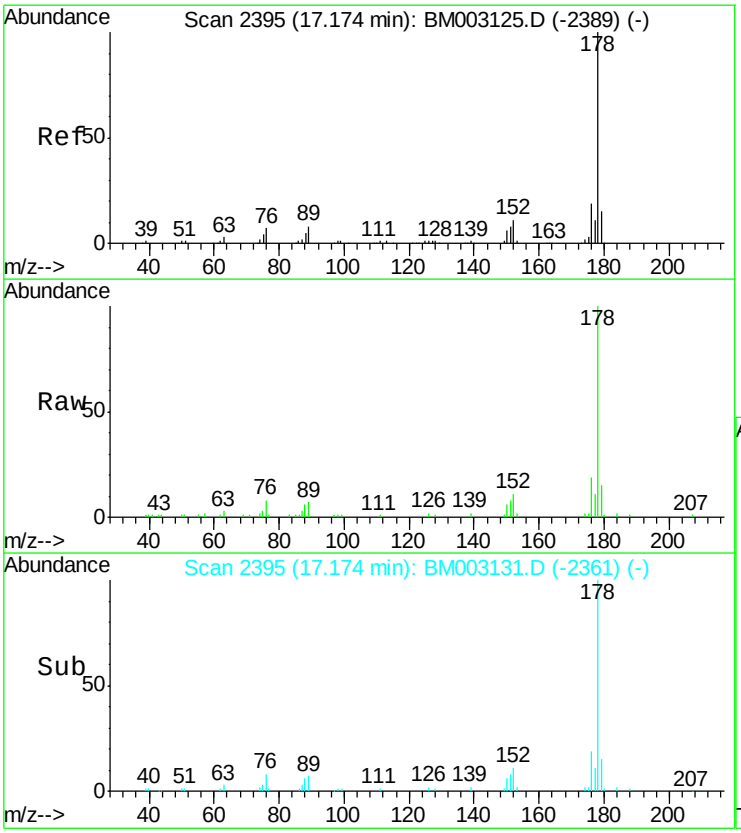
#46
2,6-Dinitrotoluene
Concen: 1.04 ng/ul
RT: 13.85 min Scan# 1829
Delta R.T. -0.12 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion:165 Resp: 3674

Ion	Ratio	Lower	Upper
165	100		
89	12.7	34.6	51.8#
121	26.6	15.4	23.0#

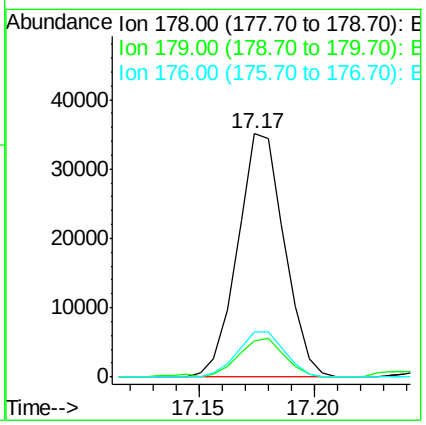


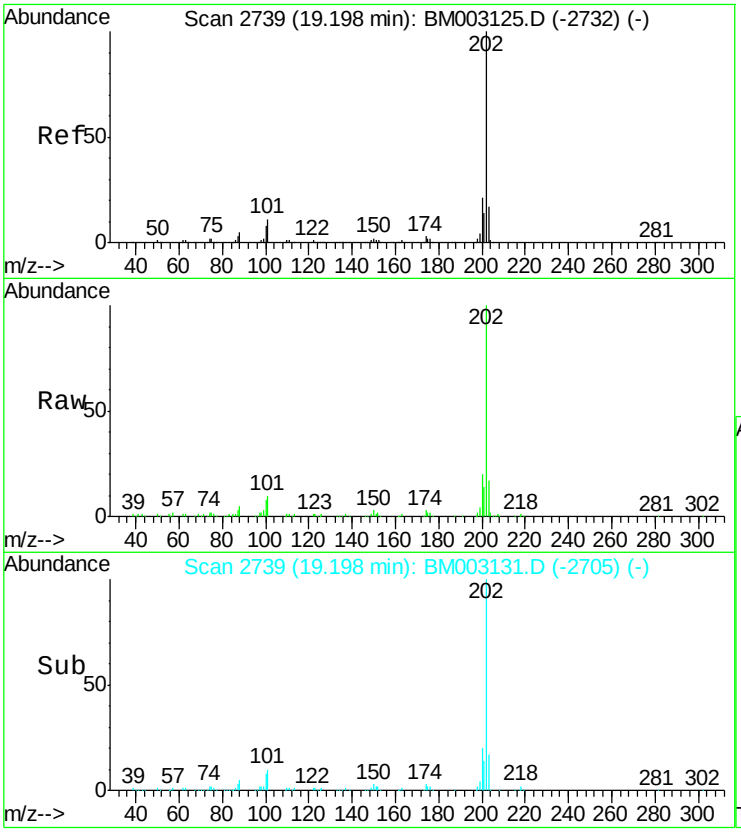


#70
Phenanthrene
Concen: 1.47 ng/ul
RT: 17.17 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:178 Resp: 49660

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.4
176	18.8	14.7	22.1



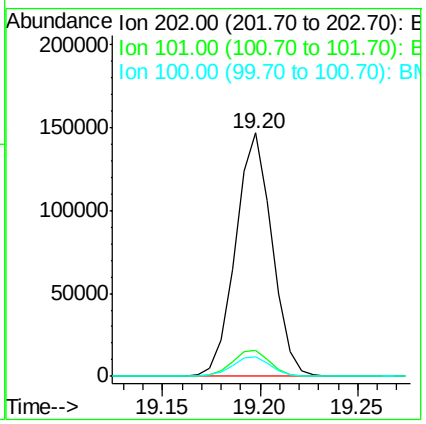


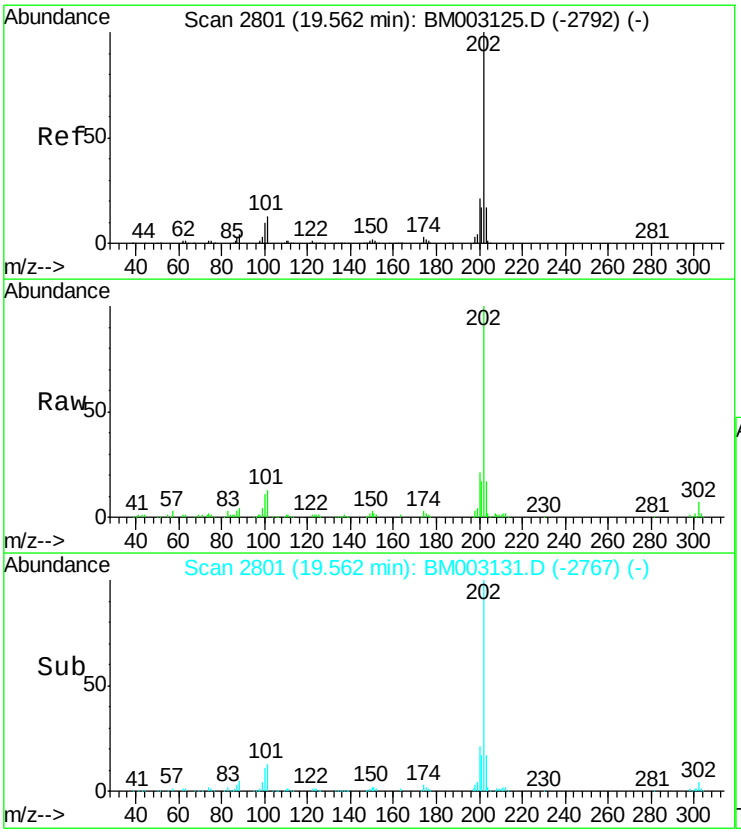
#77
Fluoranthene
Concen: 5.54 ng/ul
RT: 19.20 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion:202 Resp: 189688

Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.4	15.6
100	8.2	7.8	11.6

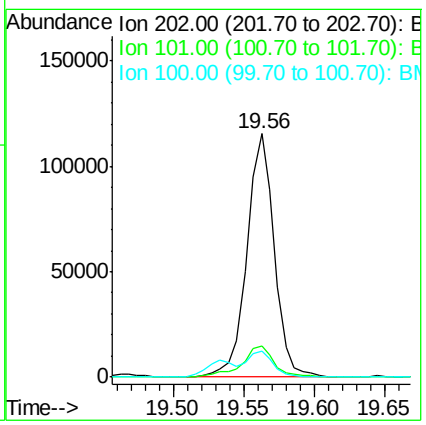


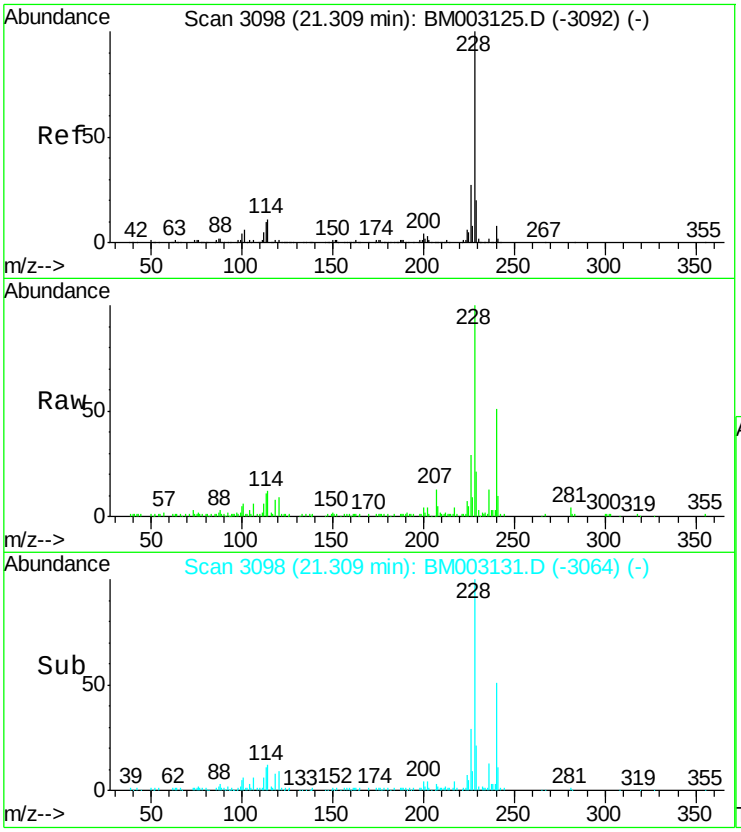


#80
Pyrene
Concen: 3.99 ng/ul
RT: 19.56 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:202 Resp: 157952

Ion	Ratio	Lower	Upper
202	100		
101	12.7	12.6	18.8
100	10.5	10.6	15.8#



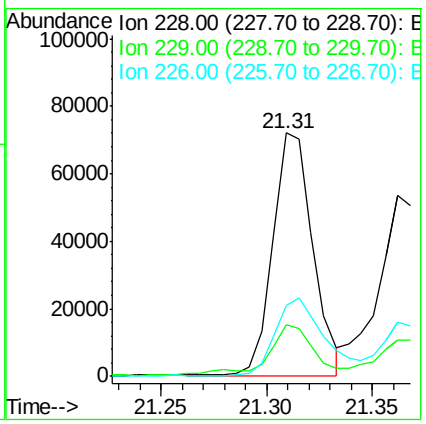


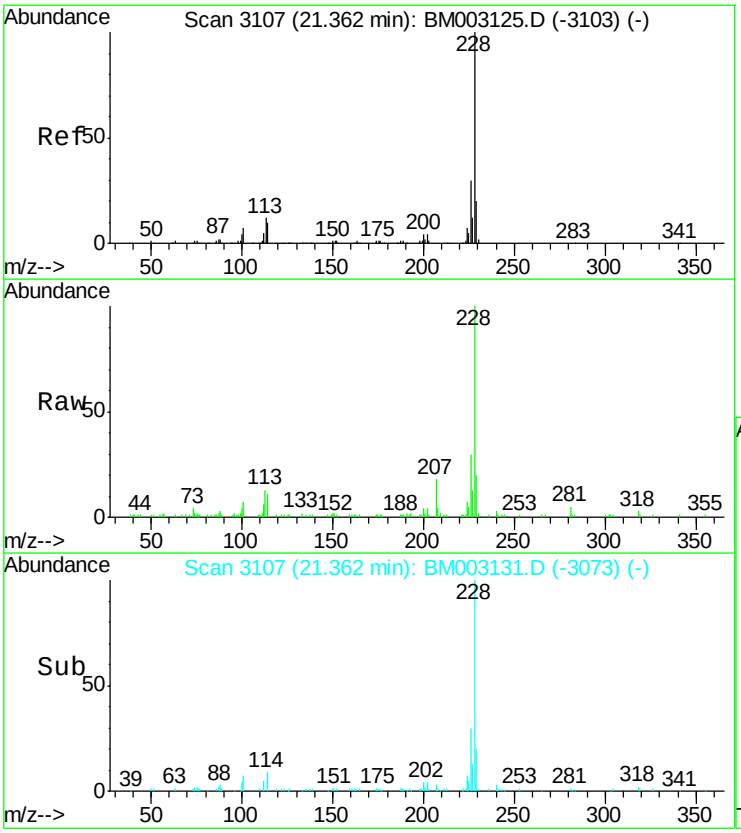
#83
Benzo(a)anthracene
Concen: 2.89 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion:228 Resp: 95912

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	29.0	21.0	31.6

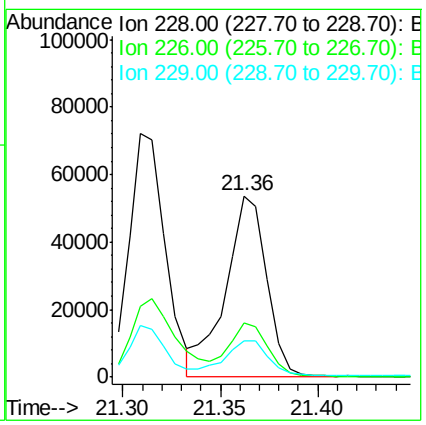


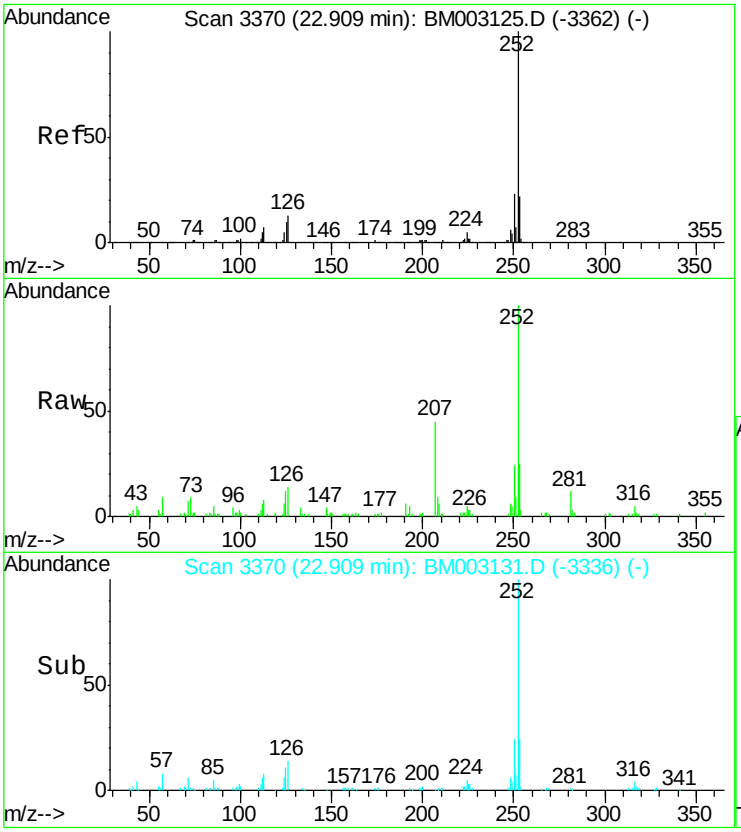


#85
Chrysene
Concen: 2.40 ng/ul
RT: 21.36 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:228 Resp: 79039

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.3	34.9
229	20.2	15.8	23.6



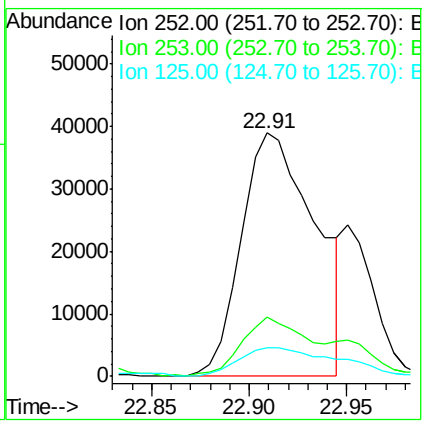


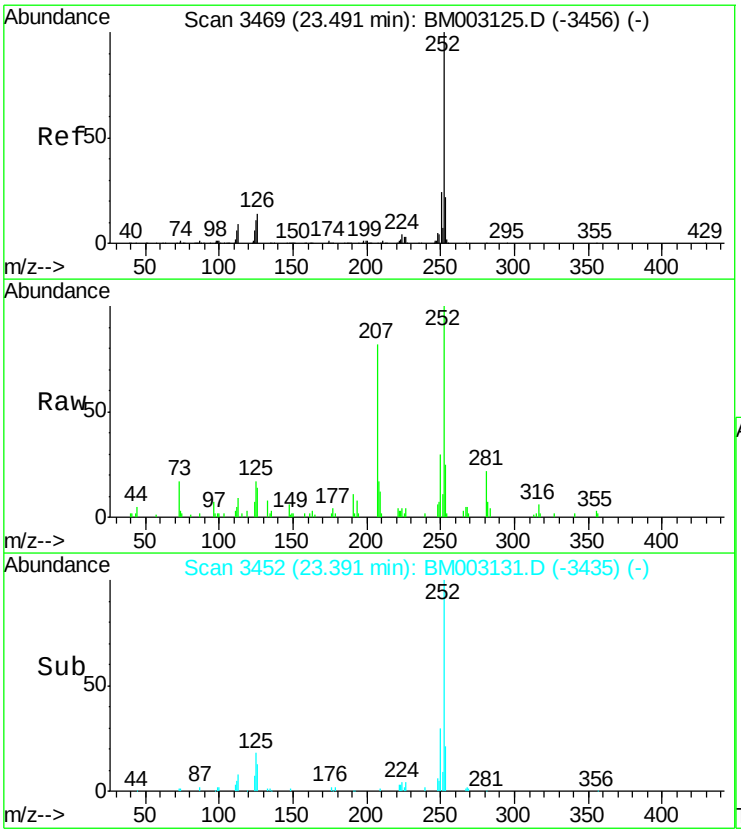
#88
Benzo(b)fluoranthene
Concen: 2.91 ng/ul
RT: 22.91 min Scan# 3370
Delta R.T. 0.00 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion:252 Resp: 102133

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	12.0	10.7	16.1

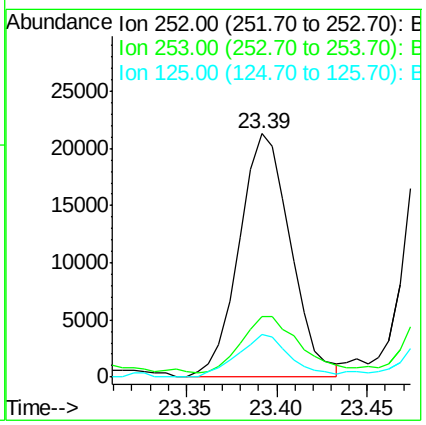


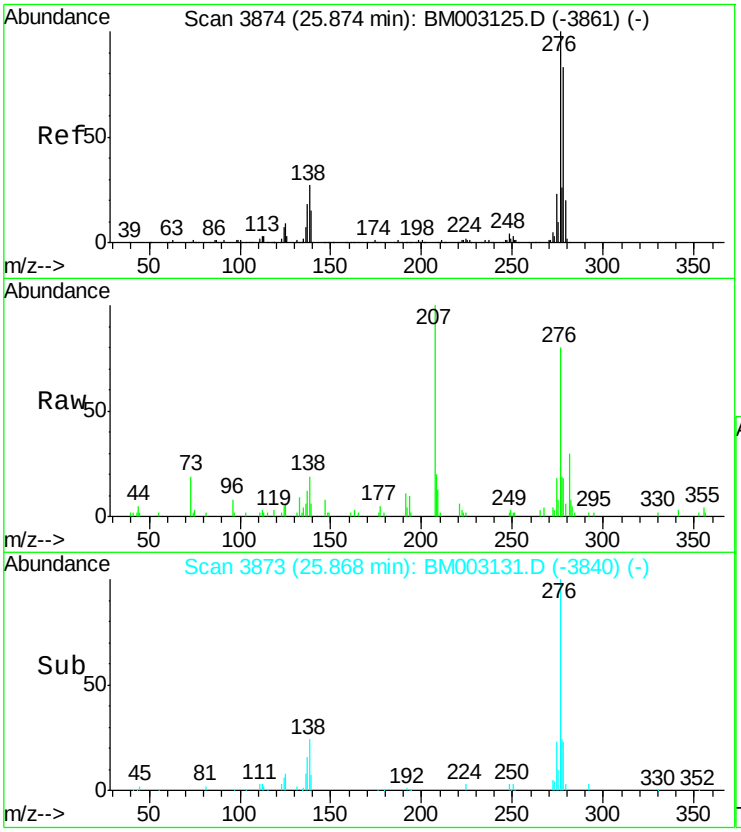


#91
Benzo(a)pyrene
Concen: 1.26 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. -0.10 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:252 Resp: 42065

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.1	25.7
125	17.4	11.9	17.9



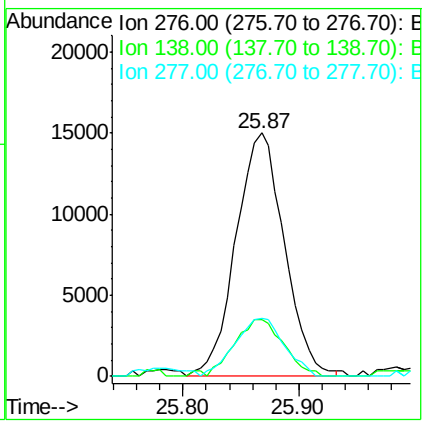


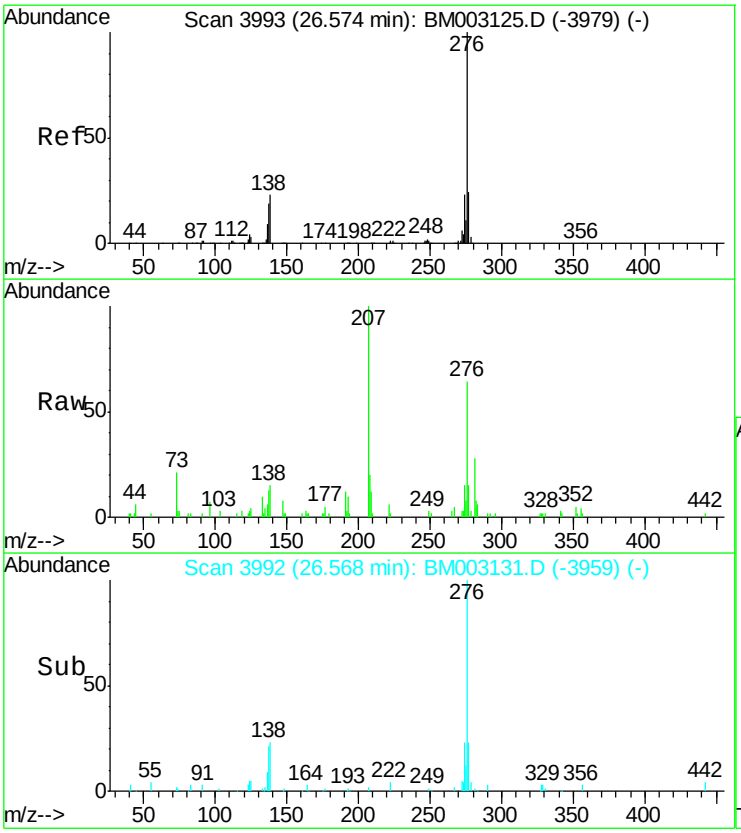
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.20 ng/ul
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Instrument :
BNA_M
ClientSampleId :
BC791

Tgt Ion:276 Resp: 43767

Ion	Ratio	Lower	Upper
276	100		
138	23.4	26.6	40.0#
277	23.6	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 1.13 ng/ul
RT: 26.57 min Scan# 3992
Delta R.T. -0.01 min
Lab File: BM003131.D
Acq: 15 Nov 2015 14:22

Tgt Ion:276 Resp: 37104

Ion	Ratio	Lower	Upper
276	100		
138	22.6	23.8	35.6#
277	23.3	19.4	29.2