Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\
Data File : BG028560.D
Acq On : 30 Aug 2017 19:41
Operator : SJ/JU
Sample : I4917-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0B60

Quant Time: Aug 31 04:22:41 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 31 04:17:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44109	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	191179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	118331	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	267923	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	305279	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	306961	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	3043	3.21	ng/uL	0.00
5) Phenol-d5	7.50	99	84612	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	50170	16.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	61315	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	72219	17.84	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	31170	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	36570	22.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	70502	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	72677	19.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	233507	22.19	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	269238	22.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	19904	11.89	ng/ul	0.00
57) Fluorene-d10	15.94	176	195444	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	21370	12.28	ng/ul	0.00
70) Anthracene-d10	17.80	188	316337	24.62	ng/ul	0.00
76) Pyrene-d10	20.08	212	355100	22.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	344287	23.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.53	94	9231	1.917	ng/ul	90
44) Dimethylphthalate	14.38	163	86061	8.881	ng/ul	99
69) Phenanthrene	17.74	178	32673	2.423	ng/ul	94
71) Anthracene	17.74	178	32673	2.371	ng/ul	95
74) Fluoranthene	19.74	202	60583	3.697	ng/ul	98
77) Pyrene	20.10	202	55639	3.055	ng/ul	98
80) Benzo(a)anthracene	22.08	228	37723	2.139	ng/ul	93
82) Chrysene	22.08	228	37723	2.375	ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	47745	2.599	ng/ul#	73
86) Benzo(k)fluoranthene	24.42	252	47745	2.661	ng/ul#	75
88) Benzo(a)pyrene	25.37	252	28141	1.582	ng/ul#	81
89) Indeno(1,2,3-cd)pyrene	29.58	276	21535	1.034	ng/ul#	76

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

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Quant Title : SVOA CALIBRATION
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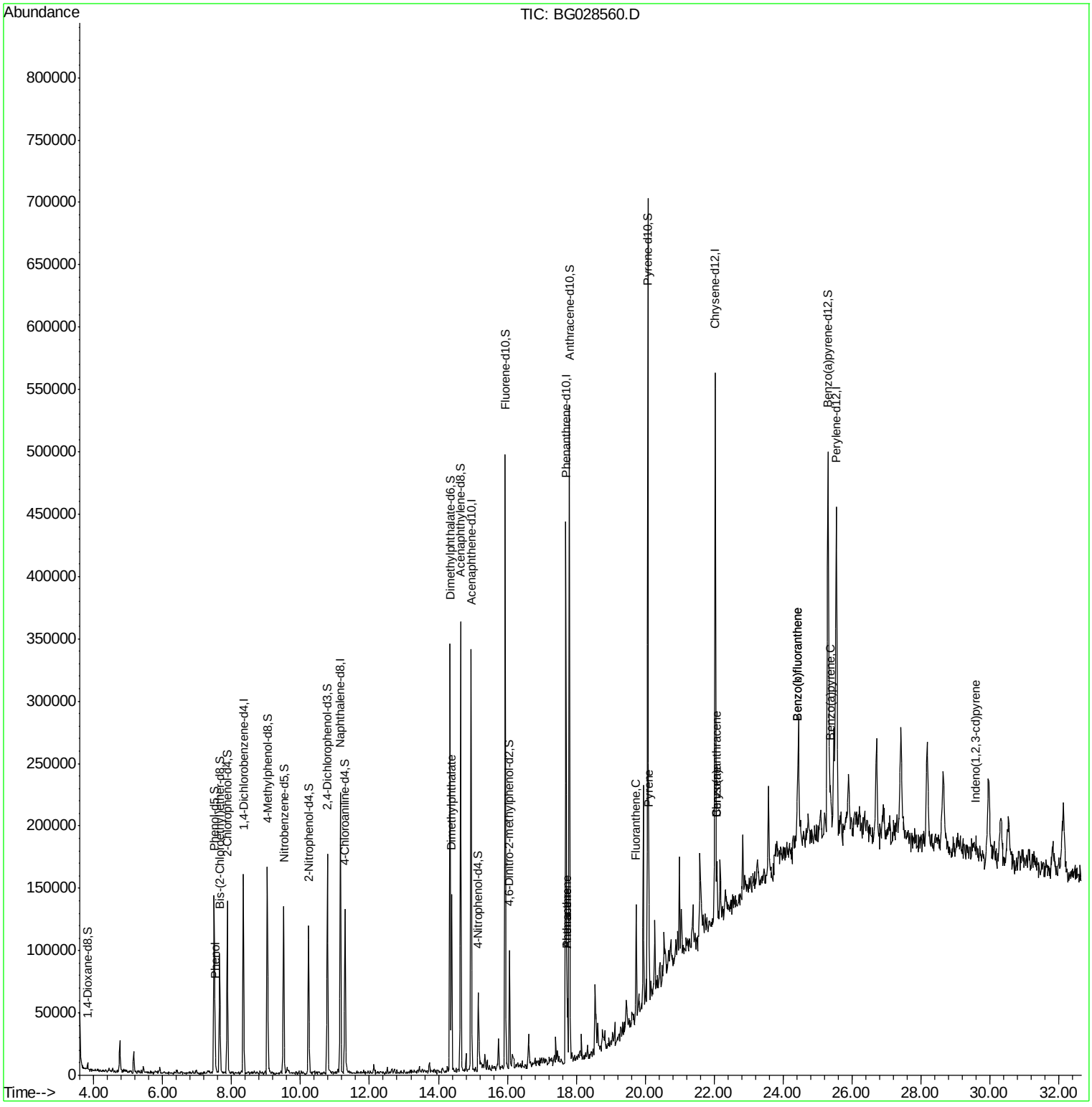
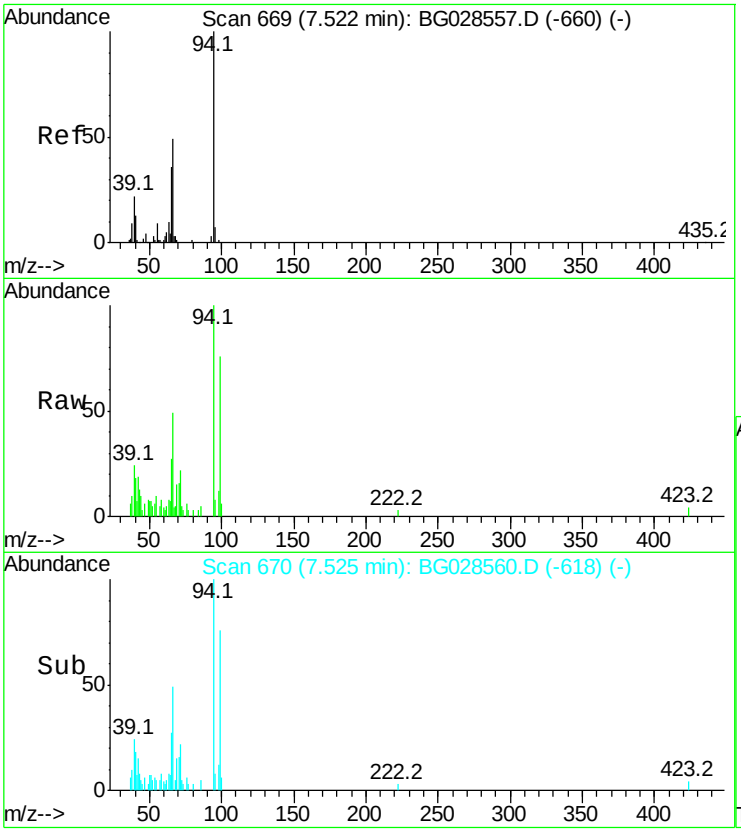


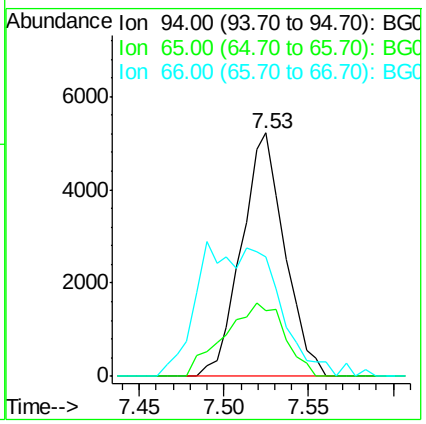


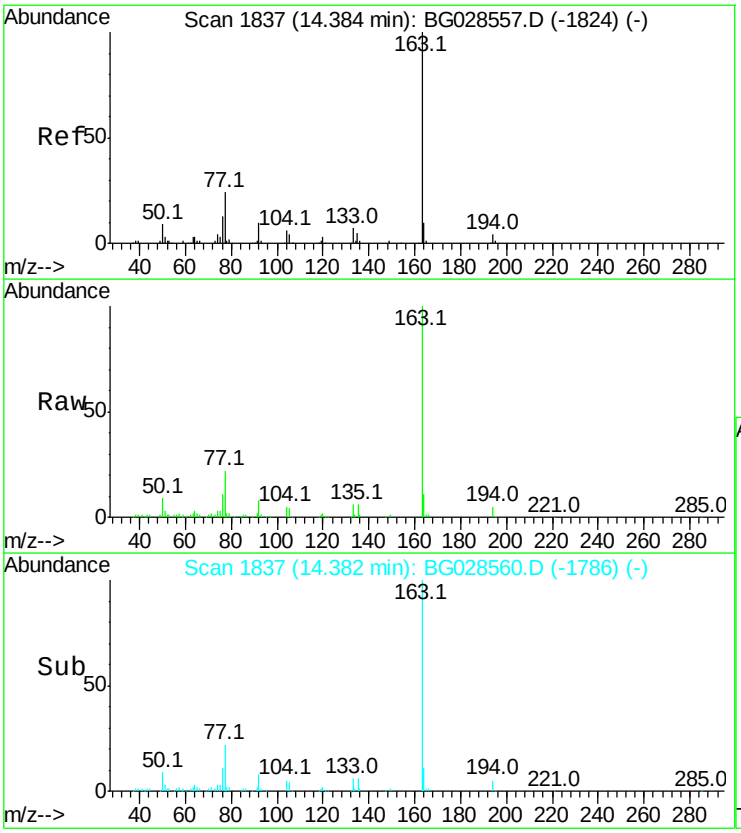
#6
Phenol
Concen: 1.917 ng/ul
RT: 7.53 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Instrument :
BNA_G
ClientSampleId :
B0B60

Tgt Ion: 94 Resp: 9231

Ion	Ratio	Lower	Upper
94	100		
65	26.8	26.8	40.2
66	48.9	44.4	66.6

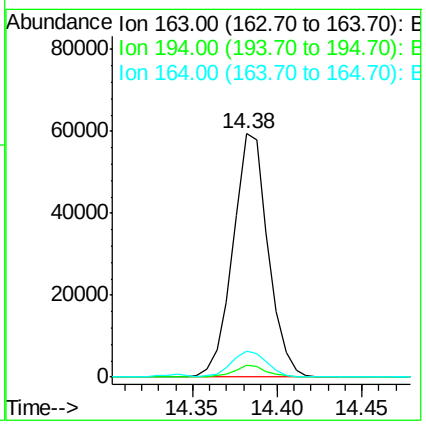


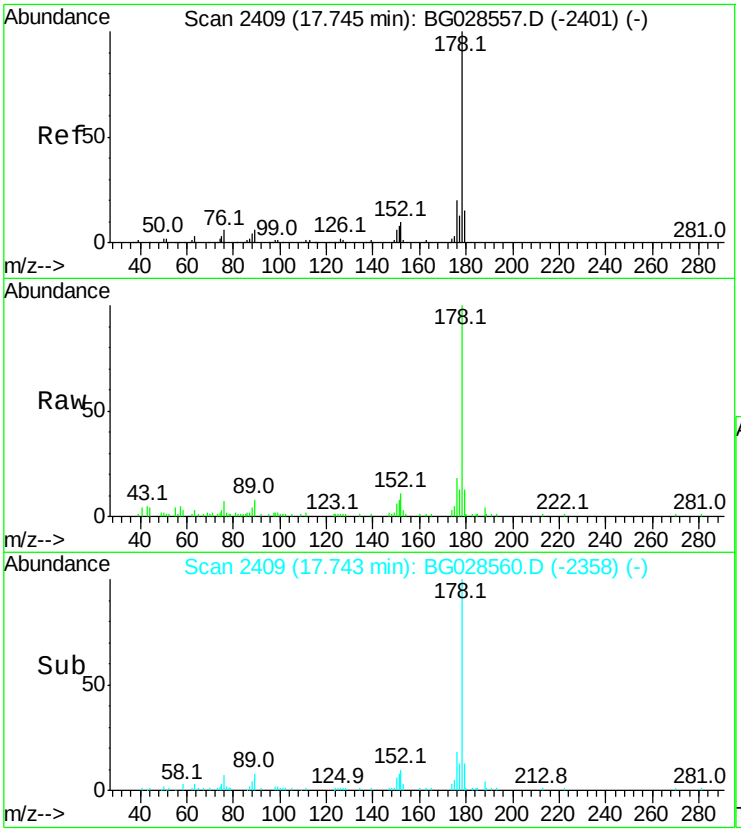


#44
Dimethylphthalate
Concen: 8.881 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Tgt Ion:163 Resp: 86061

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	10.9	9.0	13.4



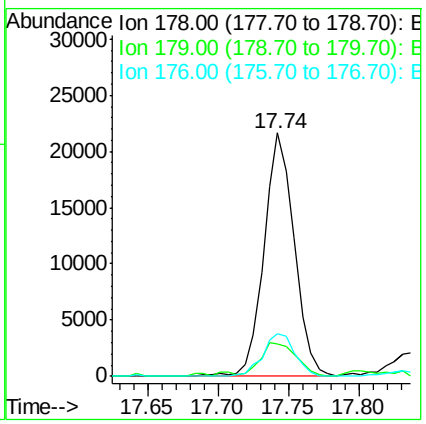


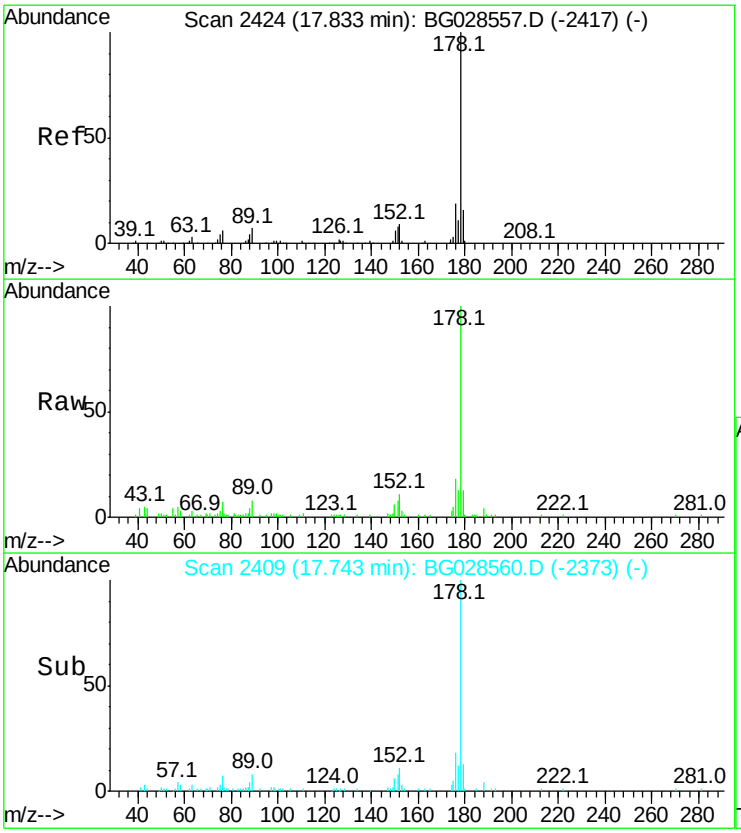
#69
Phenanthrene
Concen: 2.423 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Instrument :
BNA_G
ClientSampleId :
B0B60

Tgt Ion:178 Resp: 32673

Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.4	18.6
176	17.8	16.5	24.7

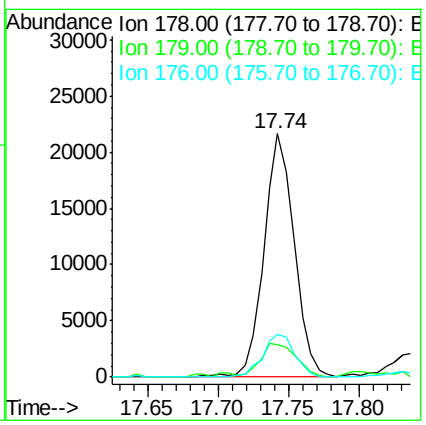


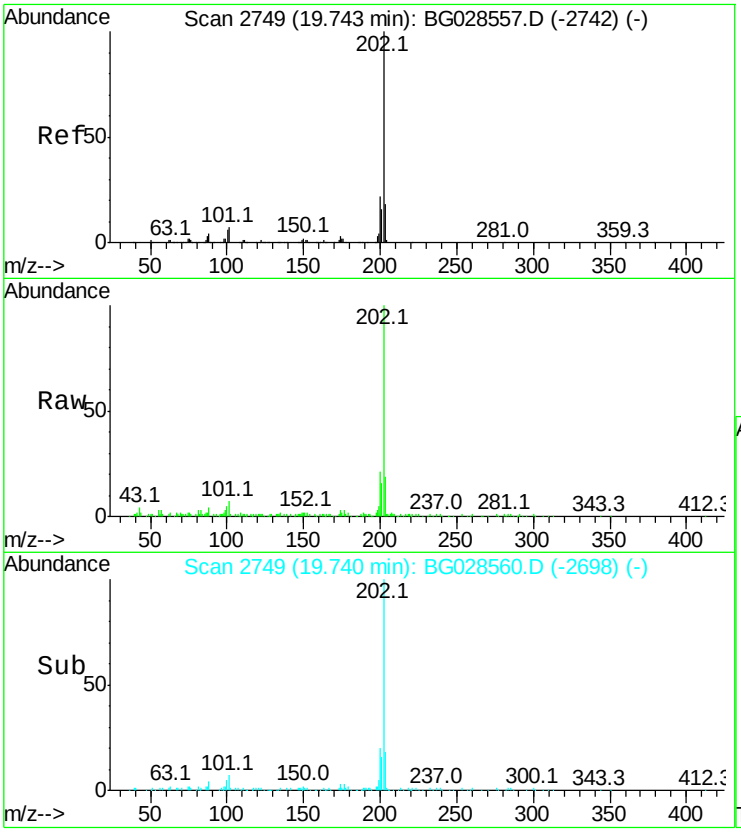


#71
Anthracene
Concen: 2.371 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. -0.09 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Tgt Ion:178 Resp: 32673

Ion	Ratio	Lower	Upper
178	100		
179	13.4	12.6	19.0
176	17.8	15.9	23.9



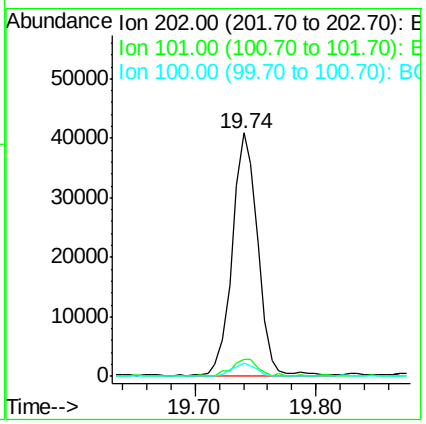


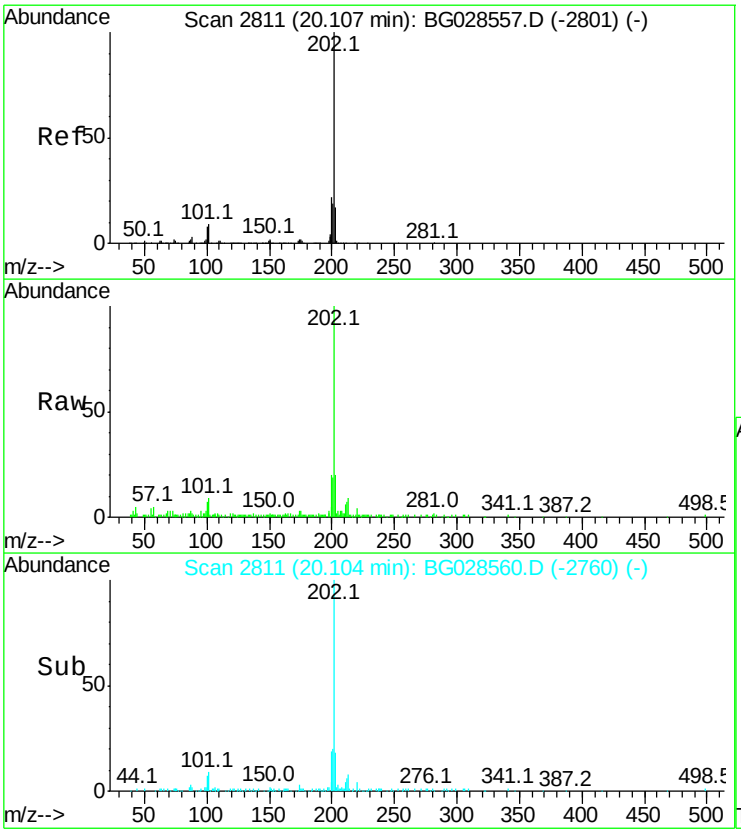
#74
Fluoranthene
Concen: 3.697 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Instrument :
BNA_G
ClientSampleId :
B0B60

Tgt Ion:202 Resp: 60583

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.2	9.2
100	5.5	5.2	7.8

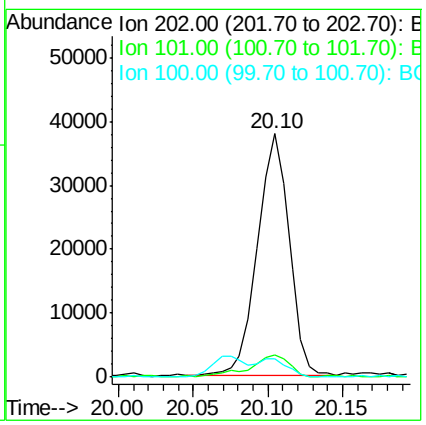


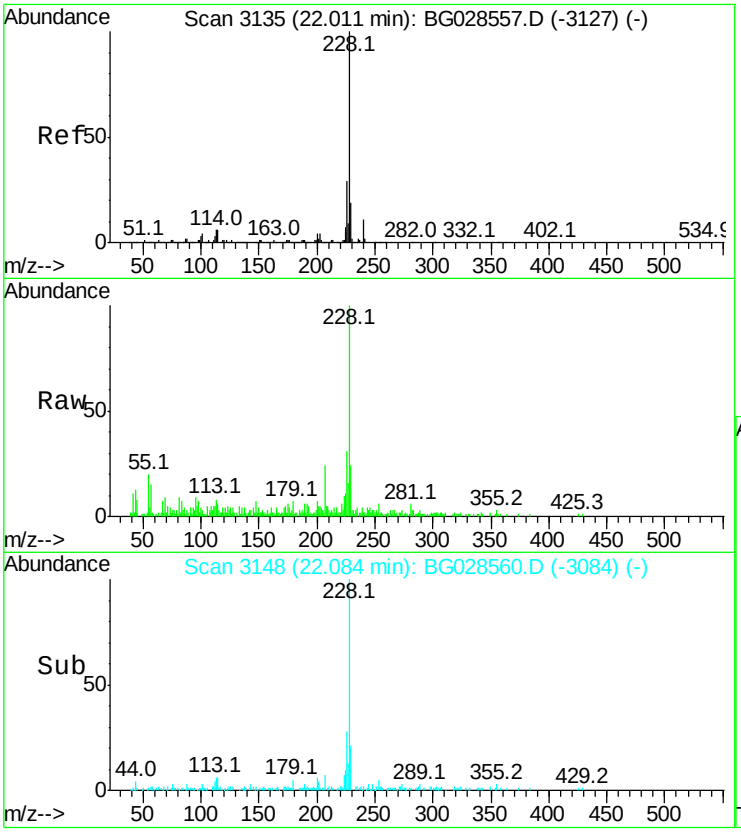


#77
Pyrene
Concen: 3.055 ng/ul
RT: 20.10 min Scan# 2811
Delta R.T. -0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Tgt Ion:202 Resp: 55639

Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.9	10.3
100	7.4	6.6	10.0



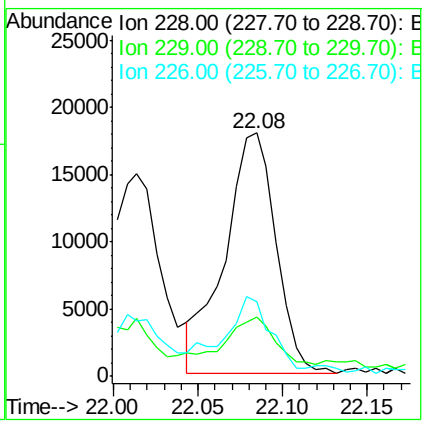


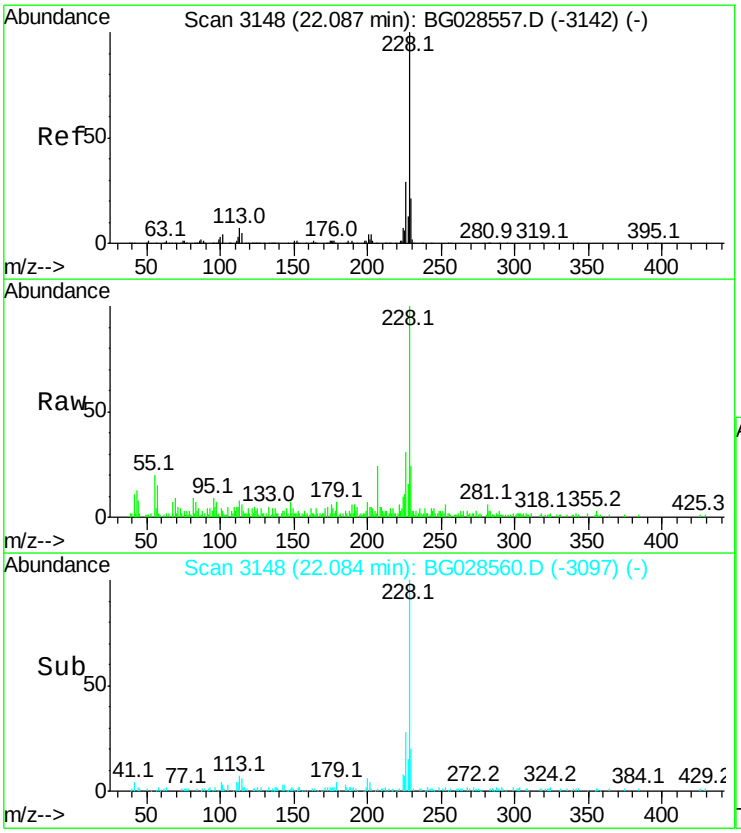
#80
Benzo(a)anthracene
Concen: 2.139 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. 0.07 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Instrument :
BNA_G
ClientSampleId :
B0B60

Tgt Ion:228 Resp: 37723

Ion	Ratio	Lower	Upper
228	100		
229	24.1	16.3	24.5
226	30.7	21.9	32.9

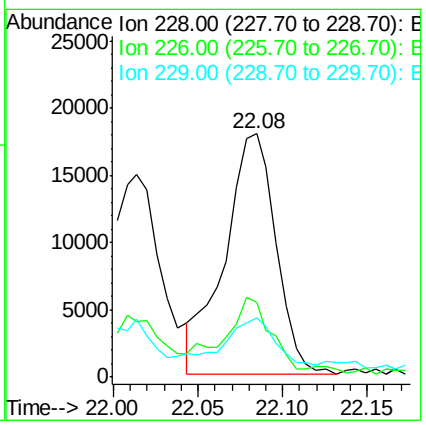


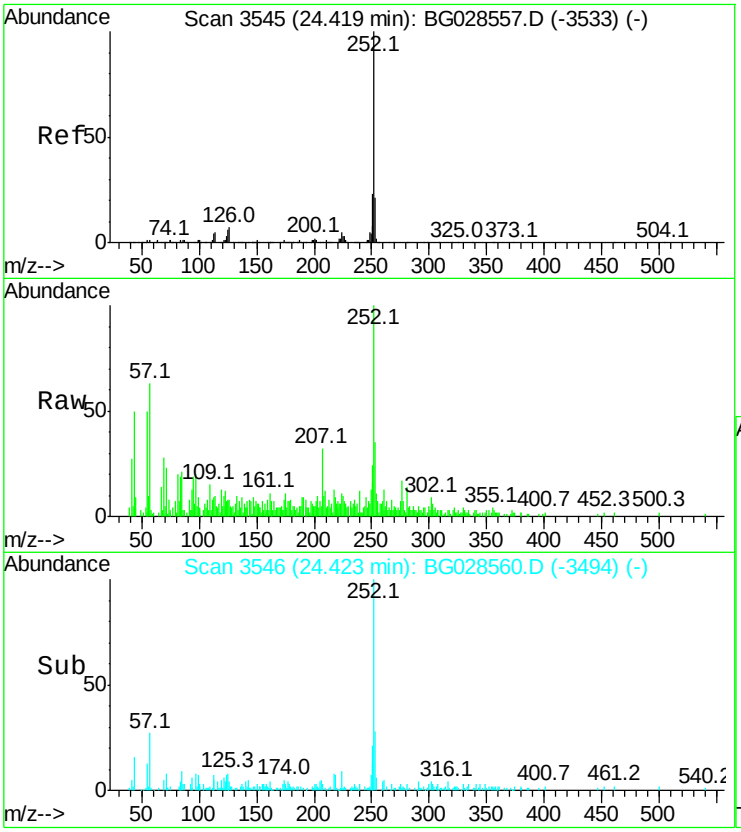


#82
Chrysene
Concen: 2.375 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Tgt Ion:228 Resp: 37723

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.0	36.0
229	24.1	16.9	25.3



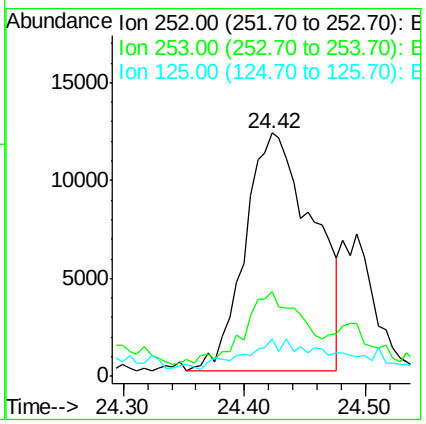


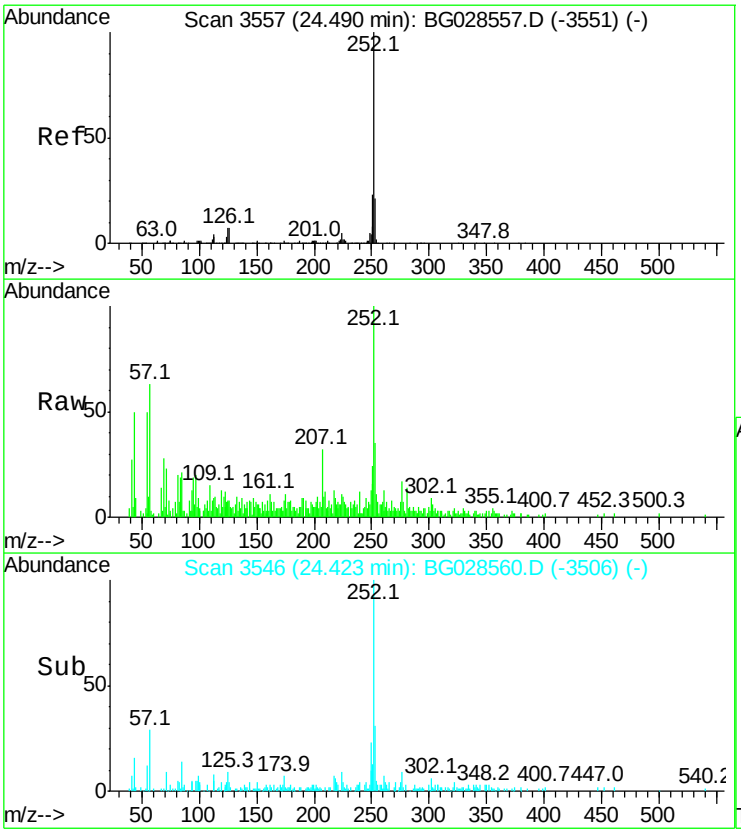
#85
Benzo(b)fluoranthene
Concen: 2.599 ng/ul
RT: 24.42 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Instrument :
BNA_G
ClientSampleId :
B0B60

Tgt Ion:252 Resp: 47745

Ion	Ratio	Lower	Upper
252	100		
253	34.7	17.7	26.5#
125	15.4	4.0	6.0#

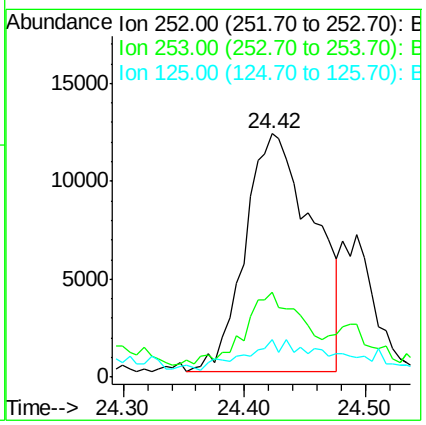


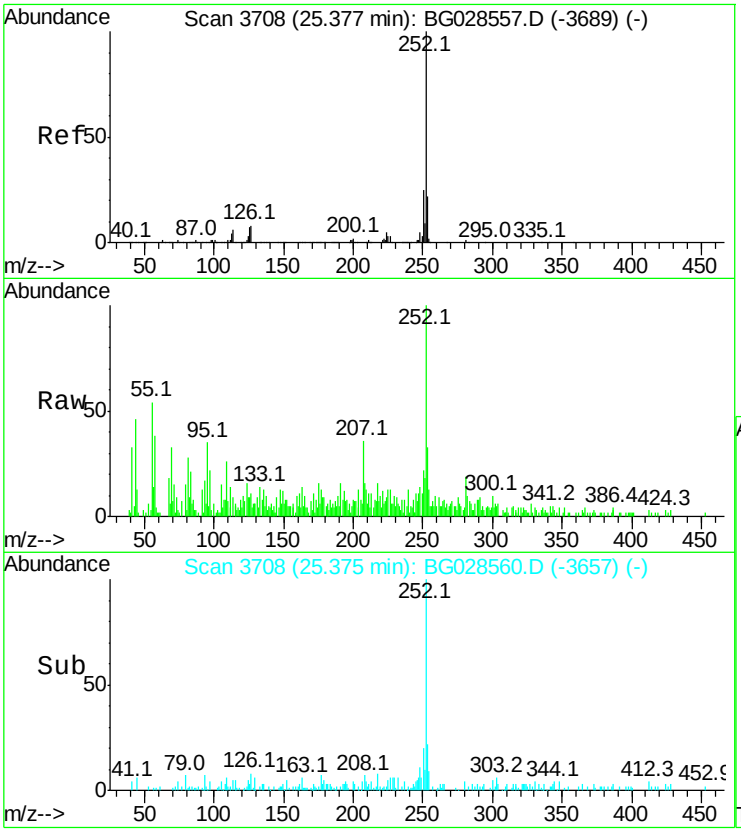


#86
Benzo(k)fluoranthene
Concen: 2.661 ng/ul
RT: 24.42 min Scan# 3546
Delta R.T. -0.07 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Tgt Ion:252 Resp: 47745

Ion	Ratio	Lower	Upper
252	100		
253	34.7	18.5	27.7#
125	15.4	4.1	6.1#



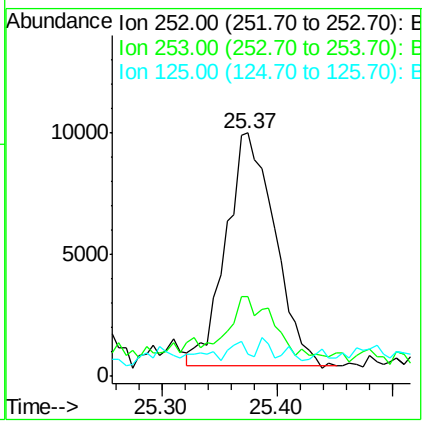


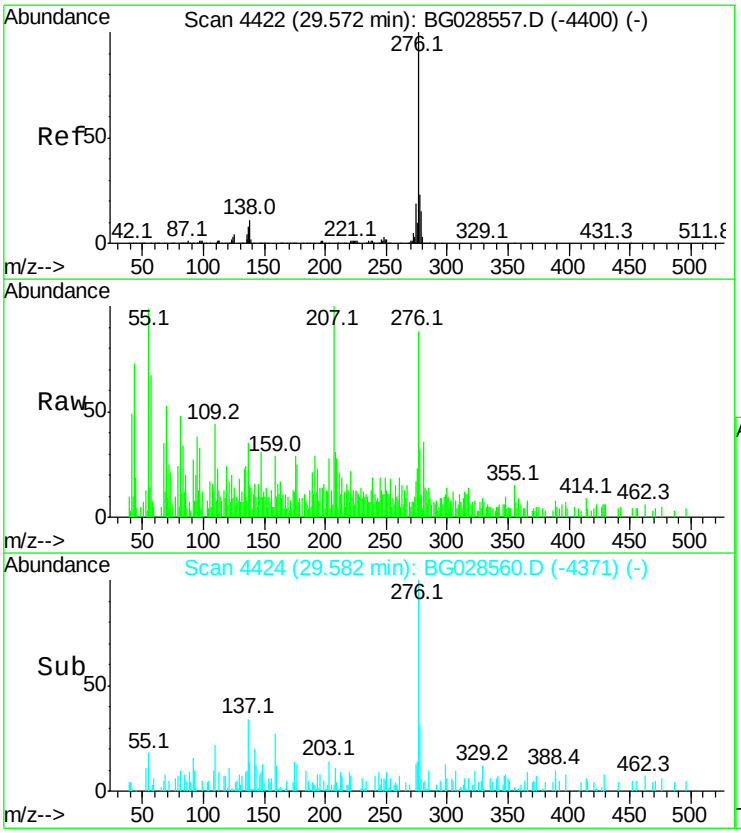
#88
Benzo(a)pyrene
Concen: 1.582 ng/ul
RT: 25.37 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Instrument :
BNA_G
ClientSampleId :
B0B60

Tgt Ion:252 Resp: 28141

Ion	Ratio	Lower	Upper
252	100		
253	33.0	17.8	26.6#
125	9.1	5.4	8.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.034 ng/ul
RT: 29.58 min Scan# 4424
Delta R.T. 0.01 min
Lab File: BG028560.D
Acq: 30 Aug 2017 19:41

Tgt Ion:276 Resp: 21535

Ion	Ratio	Lower	Upper
276	100		
138	16.8	8.2	12.4#
277	36.5	18.6	28.0#