Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051916\
Data File : BG021965.D
Acq On : 19 May 2016 16:09
Operator : UM/SJ
Sample : H3092-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 20 06:59:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : D9XD3

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	37933	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	198177	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	110028	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	207694	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	178939	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	172180	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2424	2.93	ng/uL	0.00
3) Phenol-d5	7.32	99	39376	11.76	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	25887	14.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	38011	13.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	15652	5.25	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	20221	14.54	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	22644	15.26	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	32619	12.44	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	36187	17.52	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	128299	15.12	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	176419	16.14	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	9728m	6.52	ng/ul	0.02
21) Fluorene-d10	15.78	176	114315	14.97	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	9420	9.14	ng/ul	0.00
26) Anthracene-d10	17.63	188	151803m	15.86	ng/ul	0.00
30) Pyrene-d10	19.91	212	150025	15.89	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.91	264	123513	16.15	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.57	178	23332	2.10	ng/ul#	94
28) Fluoranthene	19.57	202	59386	5.15	ng/ul#	94
31) Pyrene	19.94	202	51200	4.15	ng/ul	96
32) Benzo(a)anthracene	21.79	228	28546	2.88	ng/ul	96
33) Chrysene	21.86	228	31014m	3.21	ng/ul	
35) Benzo(b)fluoranthene	24.09	252	46750	4.72	ng/ul#	90
36) Benzo(k)fluoranthene	24.14	252	13729m	1.41	ng/ul	
38) Benzo(a)pyrene	24.98	252	28950	3.06	ng/ul#	89
39) Indeno(1,2,3-cd)pyrene	28.95	276	21166m	1.97	ng/ul	
41) Benzo(g,h,i)perylene	30.15	276	24061m	2.64	ng/ul	

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

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Instrument :
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Manual Integrations APPROVED
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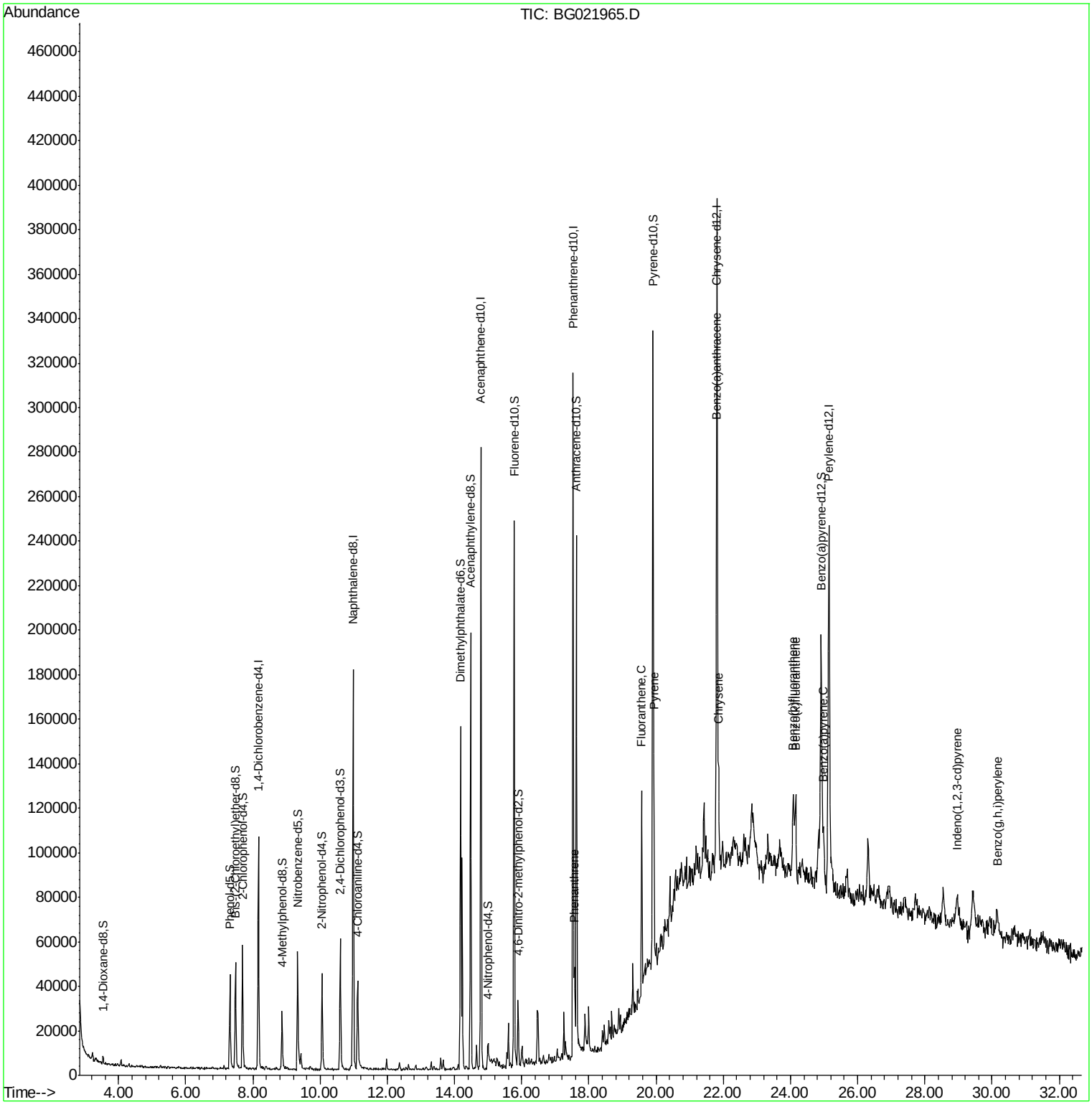

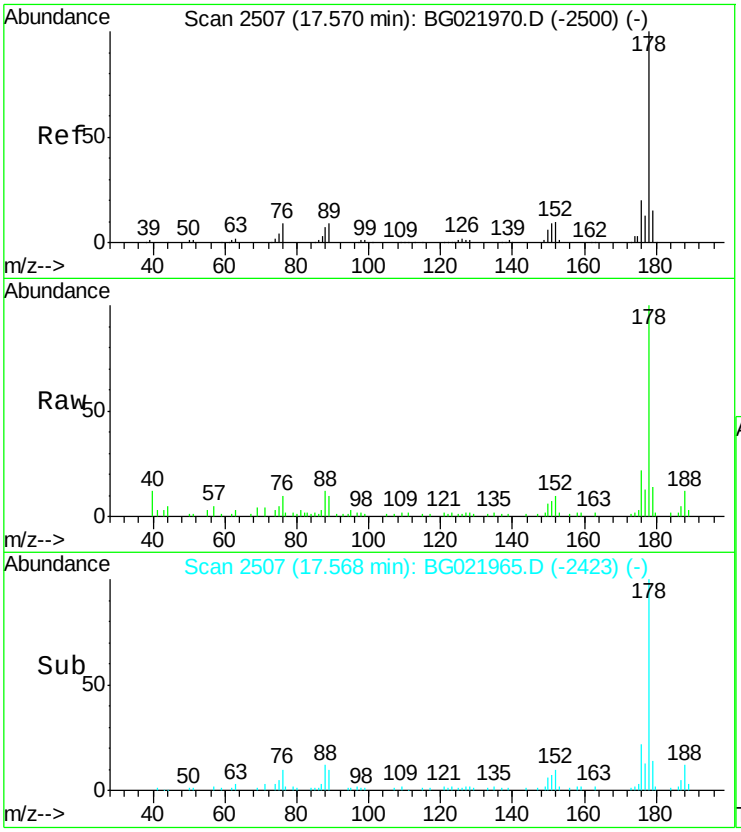

#25
Phenanthrene
Concen: 2.10 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:178 Resp: 23332

Ion	Ratio	Lower	Upper
178	100		
179	13.7	11.8	17.8
176	22.3	14.8	22.2#

Instrument :
BNA_G
ClientSampleId :
D9XD3

Manual Integrations APPROVED
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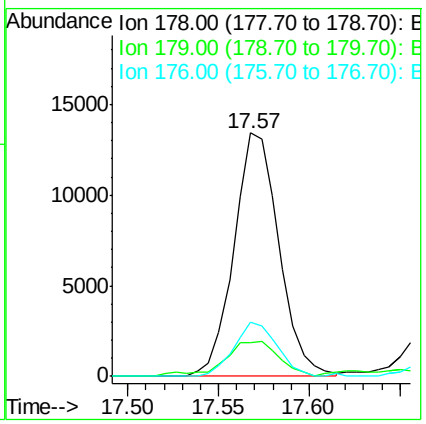
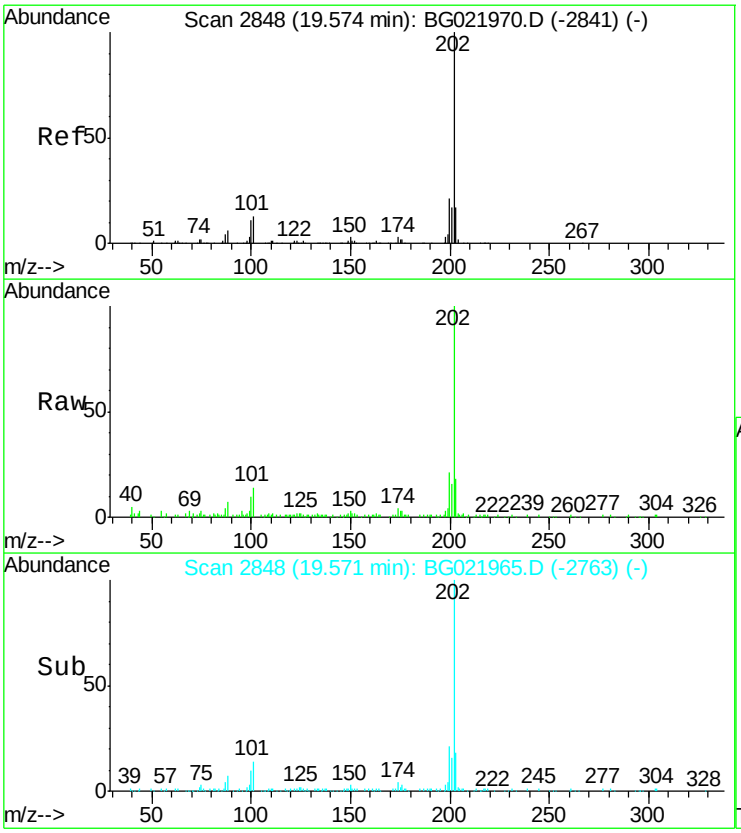
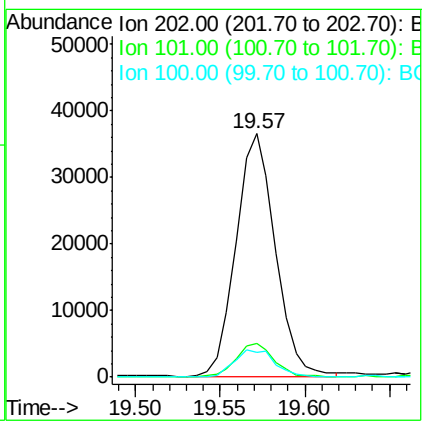


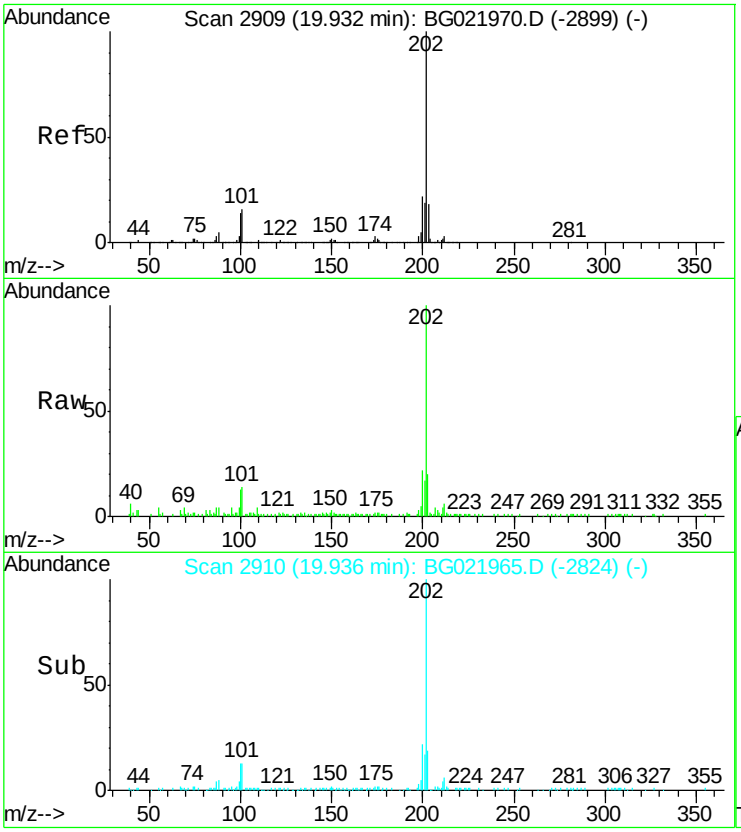


#28
Fluoranthene
Concen: 5.15 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:202 Resp: 59386

Ion	Ratio	Lower	Upper
202	100		
101	14.0	8.9	13.3#
100	10.3	7.0	10.4

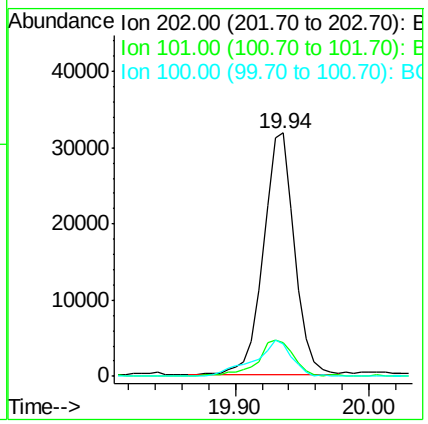




#31
Pyrene
Concen: 4.15 ng/ul
RT: 19.94 min Scan# 2910
Delta R.T. 0.01 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:202 Resp: 51200

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
100	13.1	9.3	13.9



Instrument :
BNA_G
ClientSampleId :
D9XD3

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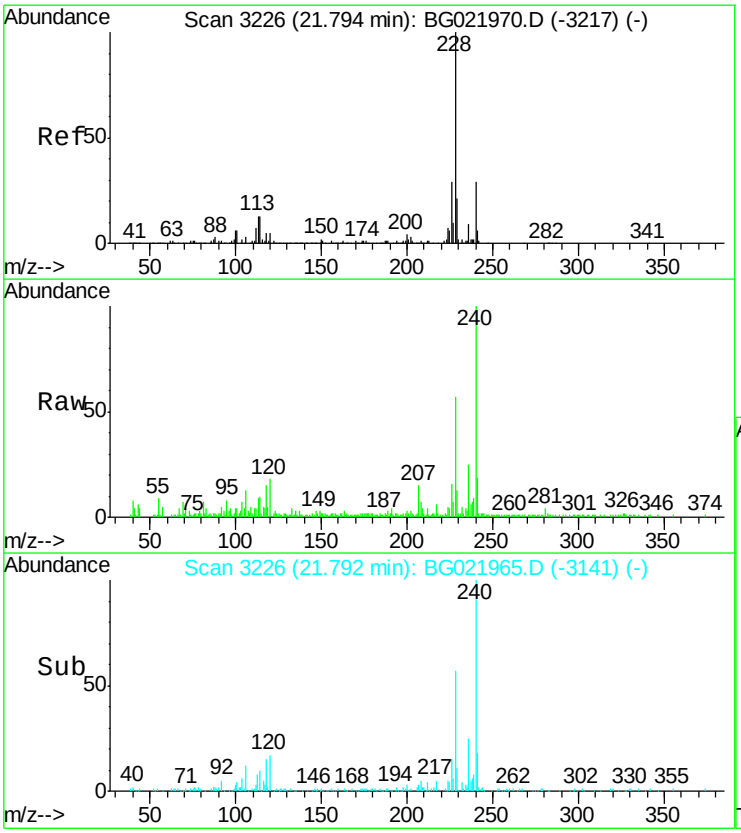
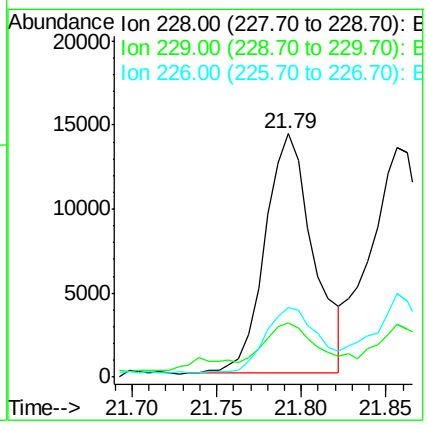
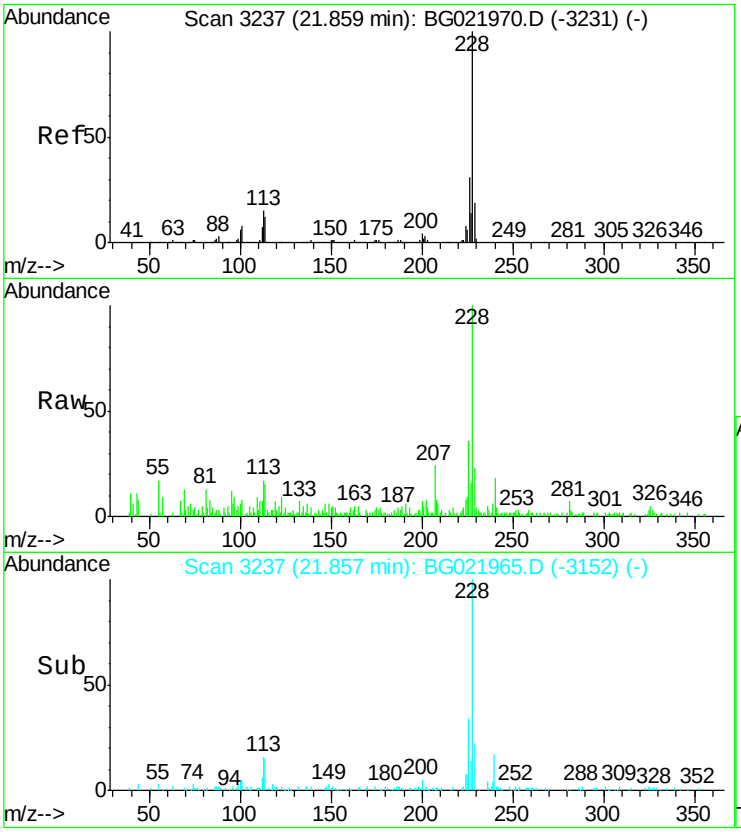


#32
Benzo(a)anthracene
Concen: 2.88 ng/ul
RT: 21.79 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:228 Resp: 28546

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.6	25.0
226	28.7	21.0	31.4





#33
Chrysene
Concen: 3.21 ng/ul m
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:228 Resp: 31014

Ion	Ratio	Lower	Upper
228	100		
226	36.2	23.4	35.2#
229	23.2	16.2	24.2

Instrument :
BNA_G
ClientSampleId :
D9XD3

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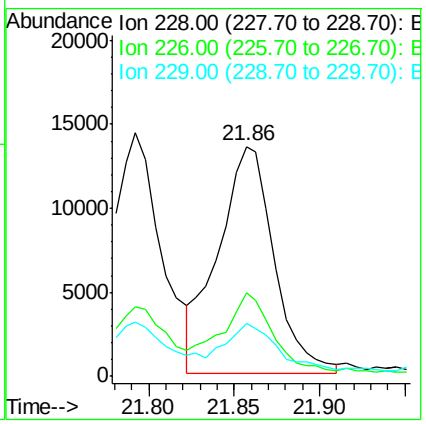
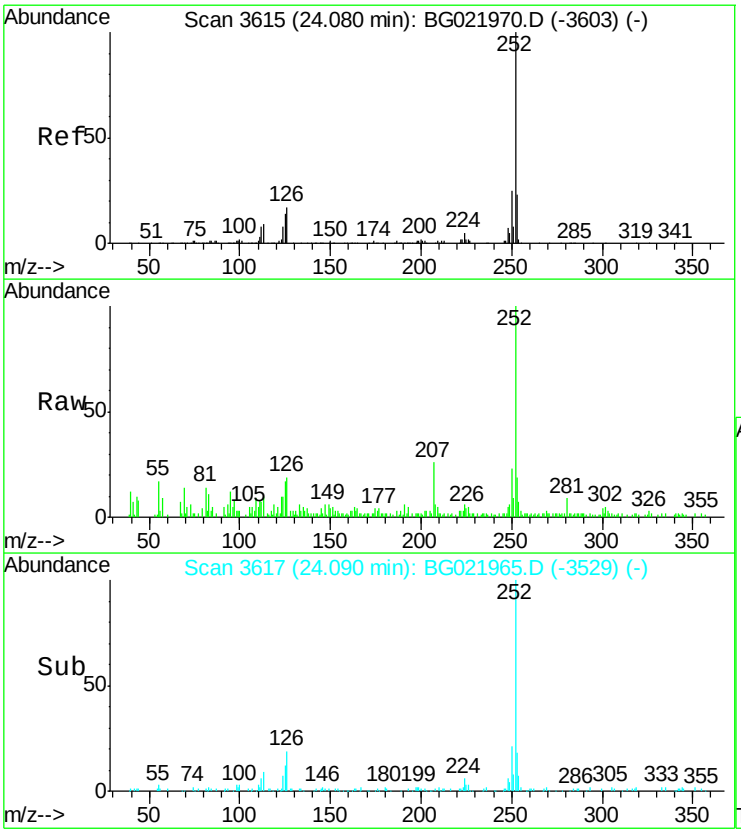
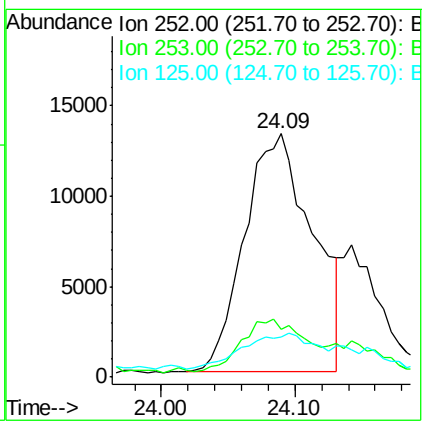


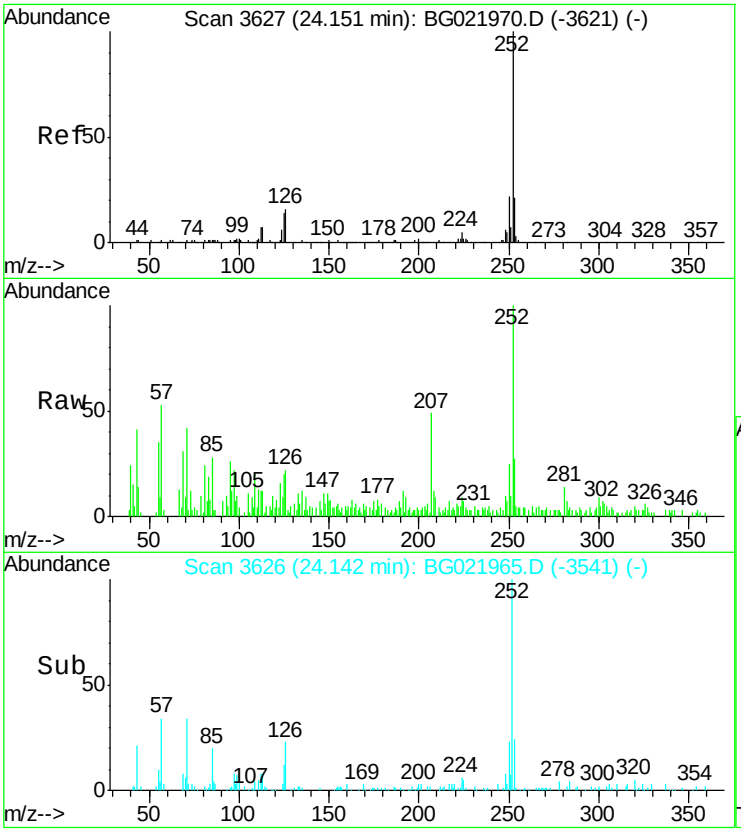


#35
Benzo(b)fluoranthene
Concen: 4.72 ng/ul
RT: 24.09 min Scan# 3617
Delta R.T. 0.02 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:252 Resp: 46750

Ion	Ratio	Lower	Upper
252	100		
253	19.4	18.1	27.1
125	16.5	7.6	11.4#





#36
Benzo(k)fluoranthene
Concen: 1.41 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:252 Resp: 13729

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.8	26.8#
125	20.2	7.7	11.5#

Instrument :
BNA_G
ClientSampleId :
D9XD3

Manual Integrations APPROVED
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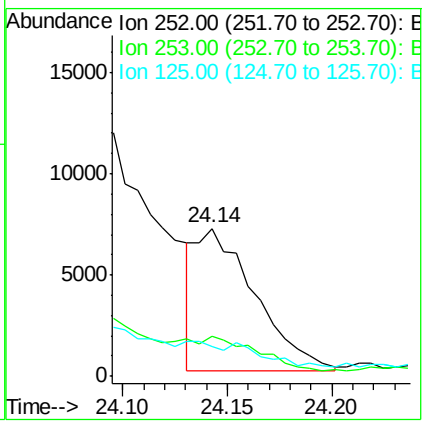
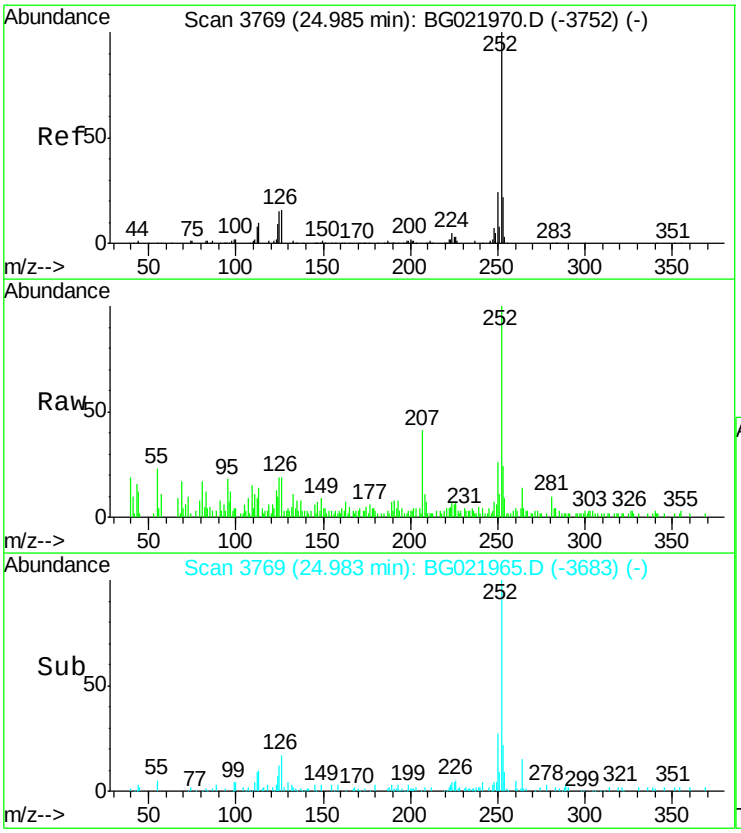
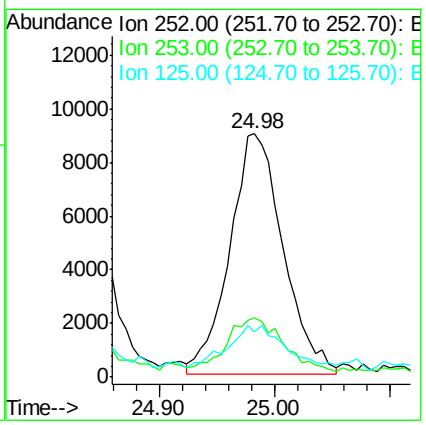


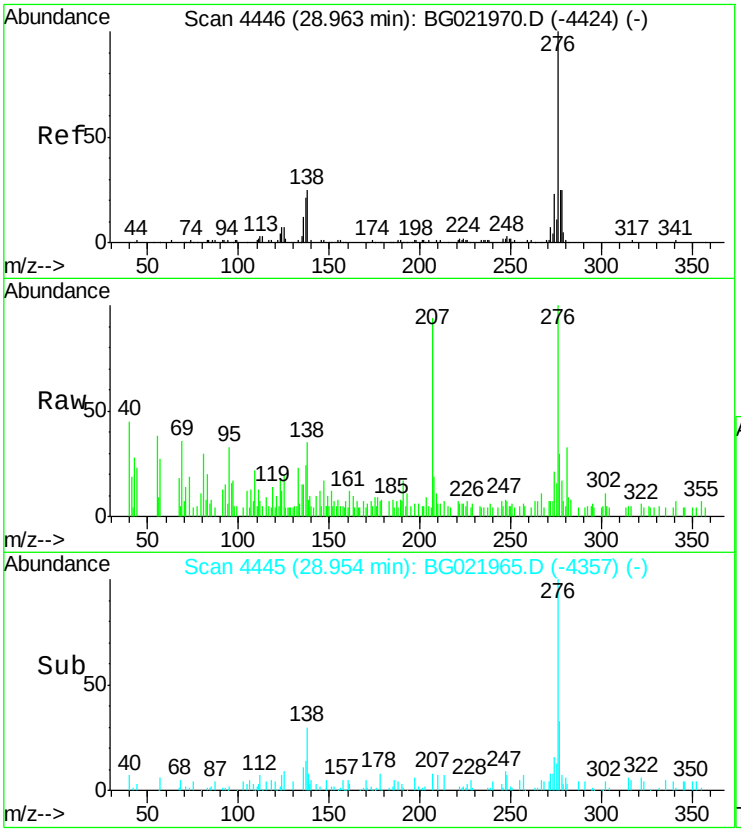


#38
Benzo(a)pyrene
Concen: 3.06 ng/ul
RT: 24.98 min Scan# 3769
Delta R.T. 0.01 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:252 Resp: 28950

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.0
125	18.7	8.2	12.2#





#39
Indeno(1,2,3-cd)pyrene
Concen: 1.97 ng/ul m
RT: 28.95 min Scan# 4445
Delta R.T. 0.02 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:276 Resp: 21166

Ion	Ratio	Lower	Upper
276	100		
138	34.9	15.8	23.6#
277	30.4	19.0	28.6#

Instrument :
BNA_G
ClientSampleId :
D9XD3

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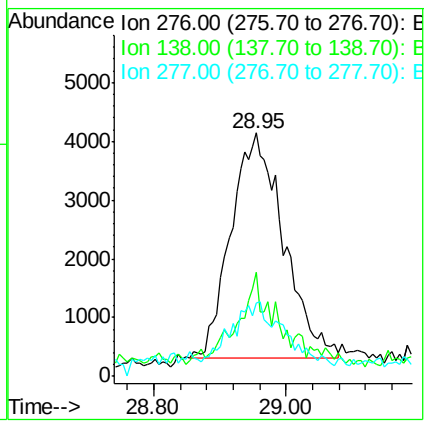

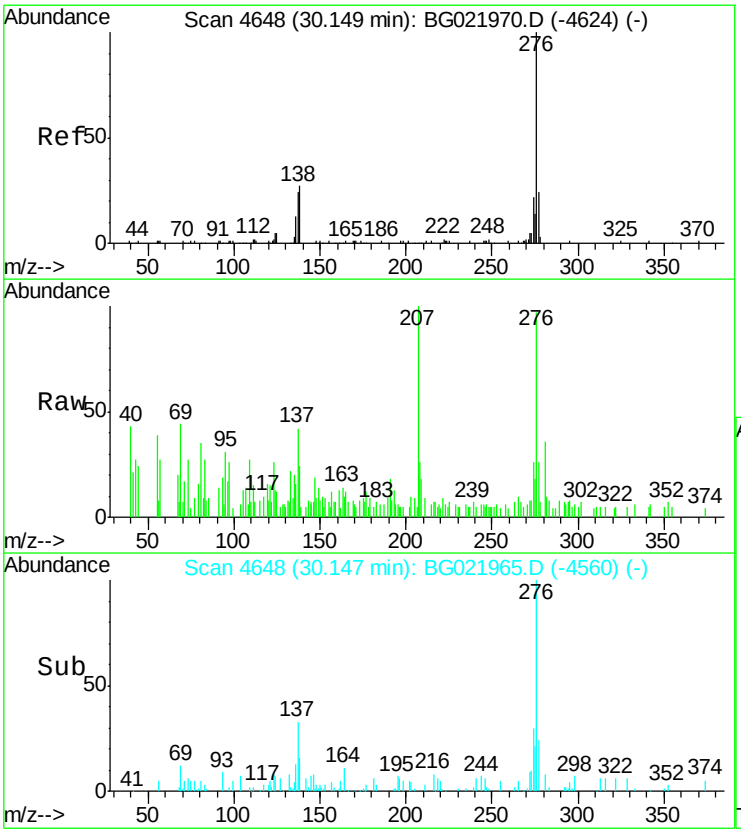

#41
Benzo(g,h,i)perylene
Concen: 2.64 ng/ul m
RT: 30.15 min Scan# 4648
Delta R.T. 0.02 min
Lab File: BG021965.D
Acq: 19 May 2016 16:09

Tgt Ion:276 Resp: 24061

Ion	Ratio	Lower	Upper
276	100		
138	25.1	13.9	20.9#
277	26.5	19.8	29.6