

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
 Data File : BG022061.D
 Acq On : 25 May 2016 16:40
 Operator : UM/SJ
 Sample : H3203-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XP6

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:42:18 PM

Quant Time: May 26 15:01:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 26 03:11:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	20588	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	120922	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.79	164	83455	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	183592	20.00	ng/ul	0.00
29) Chrysene-d12	21.82	240	136345	20.00	ng/ul	0.00
34) Perylene-d12	25.15	264	133264	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.53	96	491	1.09	ng/uL	0.00
3) Phenol-d5	7.32	99	44542	24.50	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.47	67	24981	25.80	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	39193	26.26	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	41702	25.75	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	20675	24.37	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	22137	24.46	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.61	165	44328	27.71	ng/ul	0.00
12) 4-Chloroaniline-d4	11.12	131	11932	9.47	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	148634	23.10	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	240772	29.05	ng/ul	0.00
20) 4-Nitrophenol-d4	15.00	143	24232m	21.41	ng/ul	0.00
21) Fluorene-d10	15.78	176	179017	30.91	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	15300	16.79	ng/ul	0.00
26) Anthracene-d10	17.63	188	286107	33.82	ng/ul	0.00
30) Pyrene-d10	19.91	212	243924	33.91	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.92	264	200542	33.88	ng/ul	0.00

Target Compounds

						Ovalue
11) Naphthalene	11.03	128	39514	6.72	ng/ul#	95
14) 1-Methylnaphthalene	12.84	142	60347	13.83	ng/ul#	98
18) Acenaphthylene	14.51	152	54020	6.26	ng/ul#	95
22) Fluorene	15.83	166	154276	23.51	ng/ul	98
27) Anthracene	17.67	178	111197	11.28	ng/ul	99
32) Benzo(a)anthracene	21.79	228	151427	20.02	ng/ul	97
35) Benzo(b)fluoranthene	24.08	252	170263	22.23	ng/ul#	95
36) Benzo(k)fluoranthene	24.15	252	77811	10.33	ng/ul#	92

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

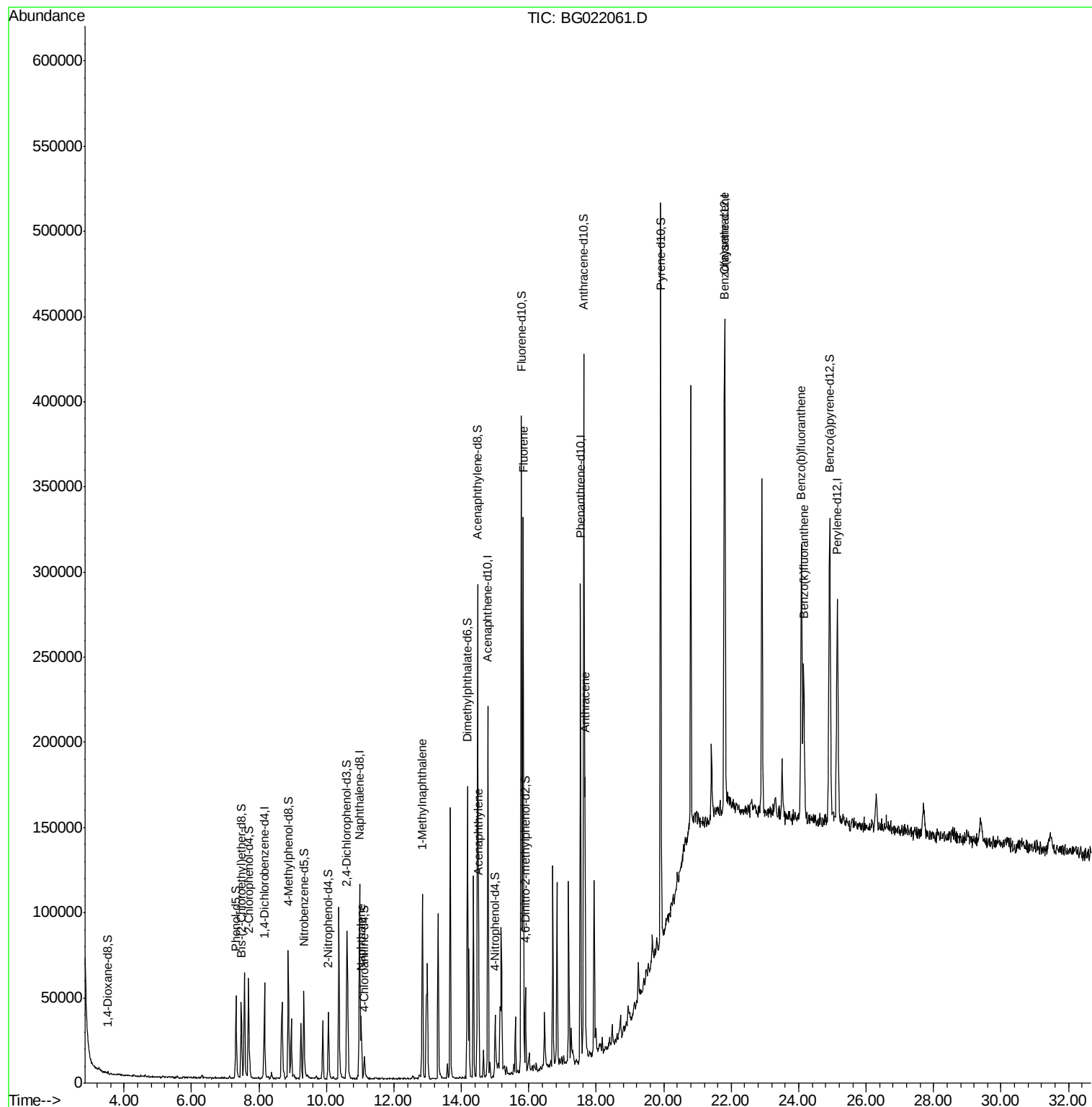
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052516\
Data File : BG022061.D
Acq On : 25 May 2016 16:40
Operator : UM/SJ
Sample : H3203-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

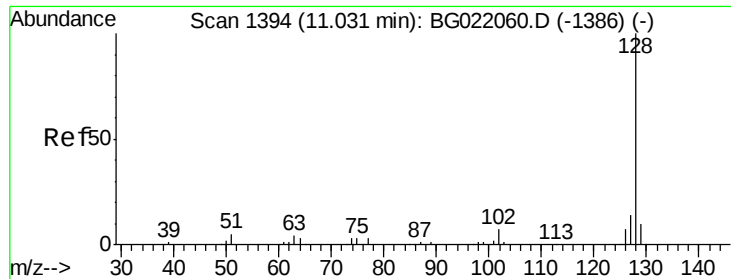
Instrument :
BNA_G
ClientSampleId :
D9XP6

Manual Integrations
APPROVED

sohil
5/26/2016 6:42:18 PM

Quant Time: May 26 15:01:28 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 26 03:11:46 2016
Response via : Initial Calibration





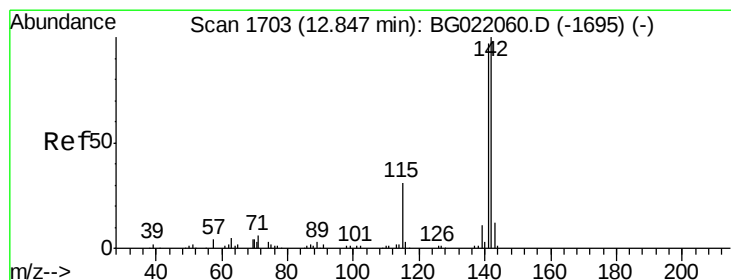
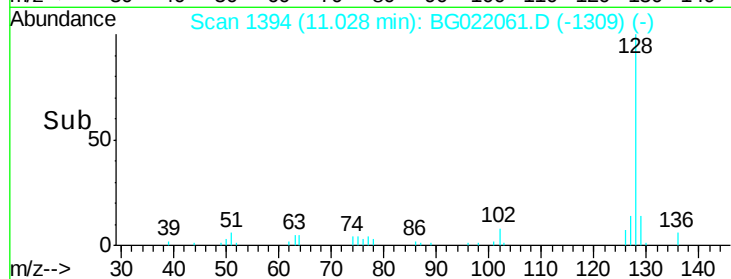
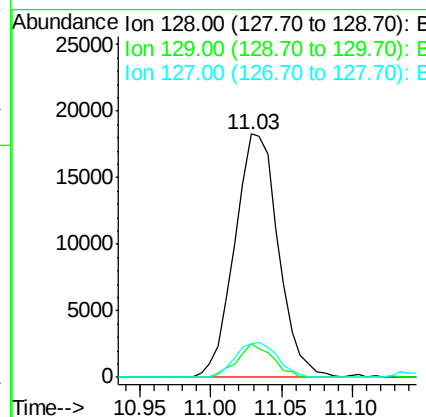
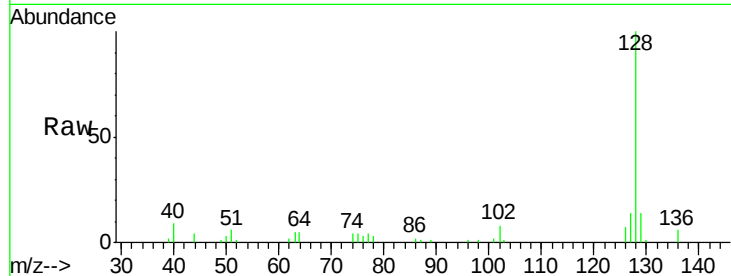
#11
Naphthalene
Concen: 6.72 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022061.D
Acq: 25 May 2016 16:40

Instrument :
BNA_G
ClientSampleId :
D9XP6

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.0	8.3	12.5#
127	14.0	10.8	16.2

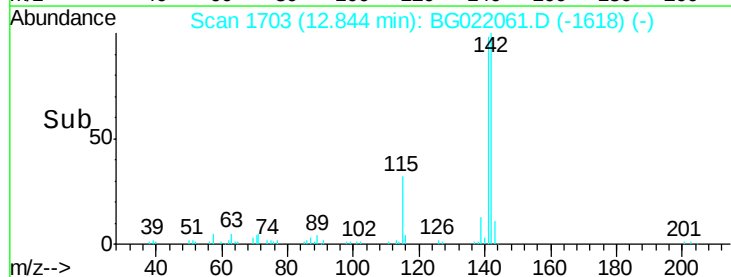
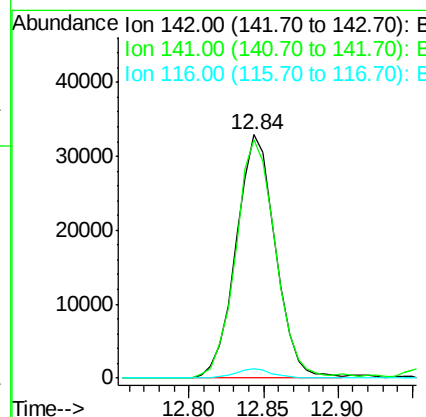
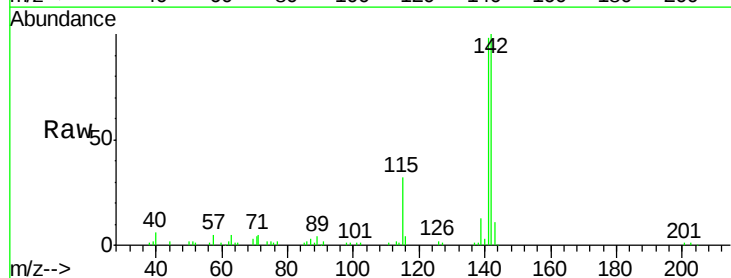
Manual Integrations
APPROVED

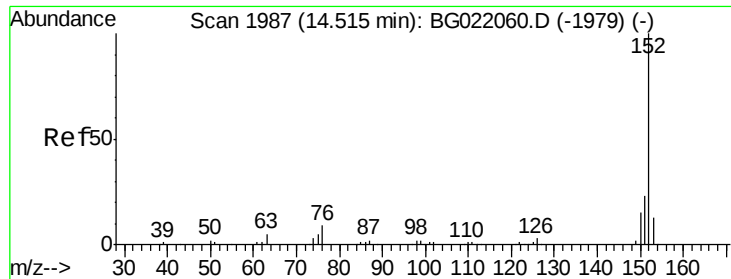
sohil
5/26/2016 6:42:18 PM



#14
1-Methylnaphthalene
Concen: 13.83 ng/ul
RT: 12.84 min Scan# 1703
Delta R.T. -0.00 min
Lab File: BG022061.D
Acq: 25 May 2016 16:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	97.9	77.0	115.4
116	3.7	4.2	6.4#





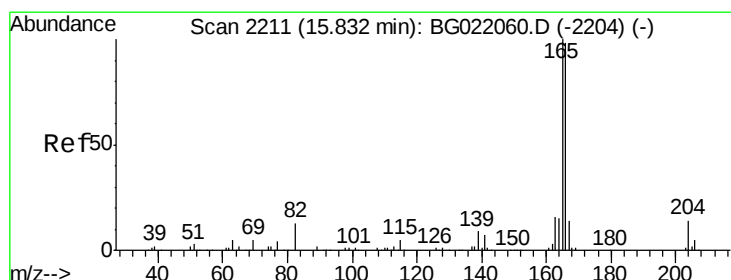
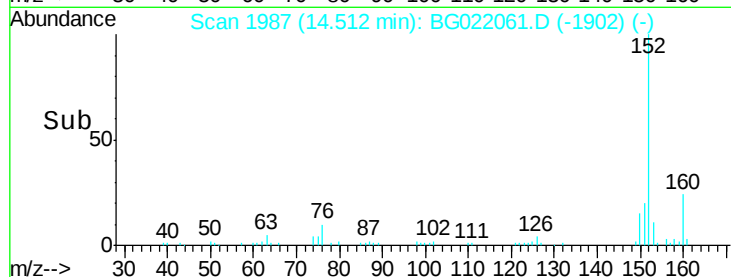
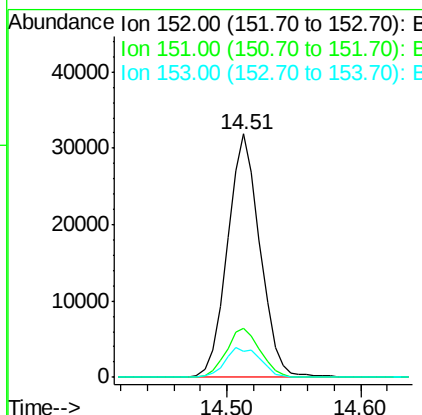
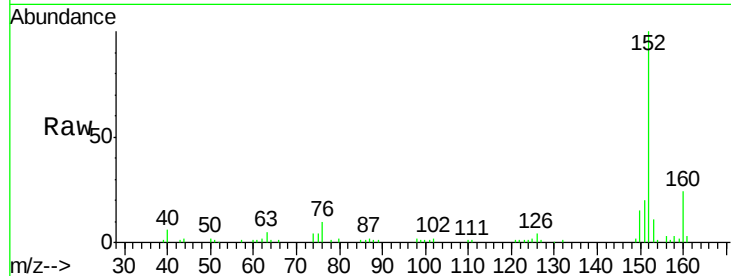
#18
Acenaphthylene
Concen: 6.26 ng/ul
RT: 14.51 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG022061.D
Acq: 25 May 2016 16:40

Instrument :
BNA_G
ClientSampleId :
D9XP6

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.3	25.9
153	10.6	11.1	16.7

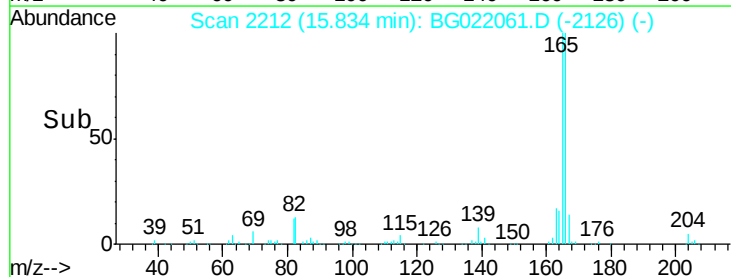
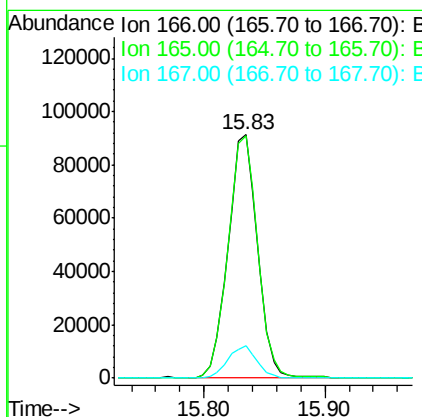
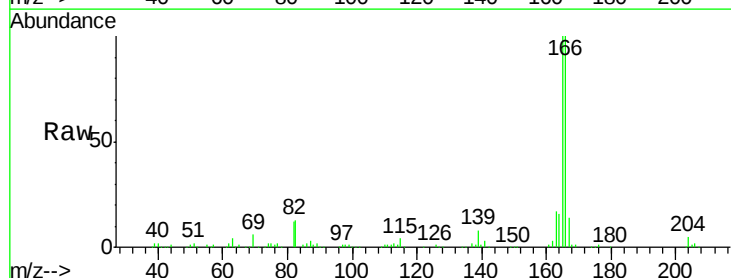
Manual Integrations
APPROVED

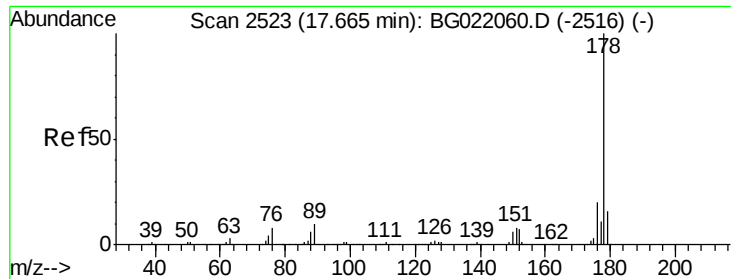
sohil
5/26/2016 6:42:18 PM



#22
Fluorene
Concen: 23.51 ng/ul
RT: 15.83 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022061.D
Acq: 25 May 2016 16:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.1	121.7
167	13.5	10.6	16.0





#27

Anthracene

Concen: 11.28 ng/ul

RT: 17.67 min Scan# 2524

Delta R.T. 0.00 min

Lab File: BG022061.D

Acq: 25 May 2016 16:40

Instrument :

BNA_G

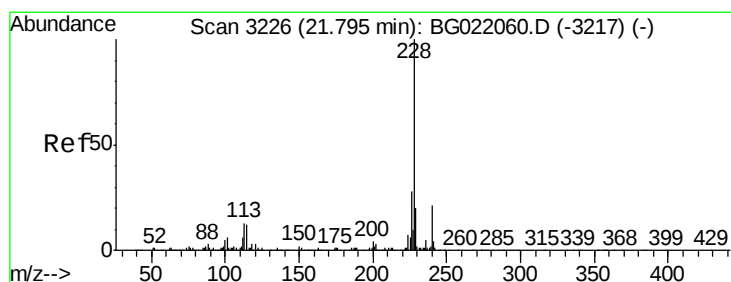
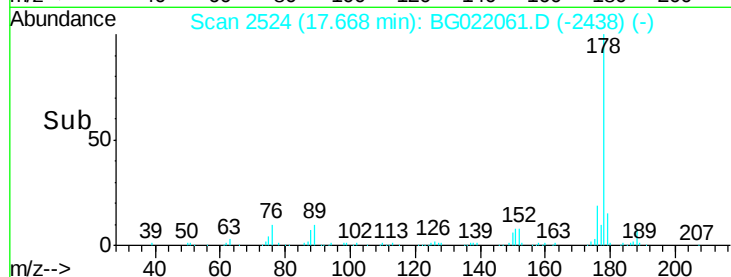
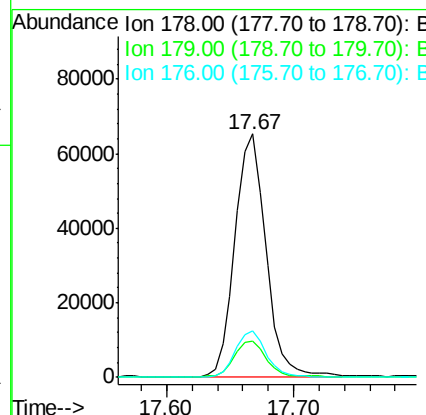
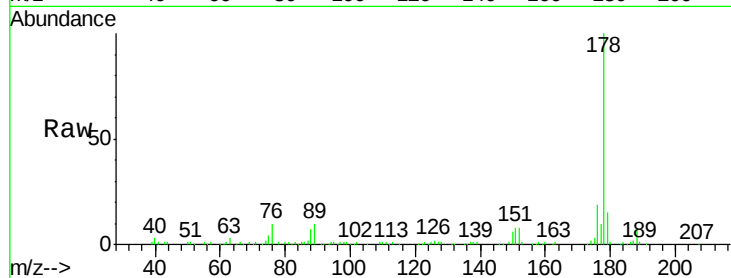
ClientSampleId :

D9XP6

Tot Ion:	178	Resp:	111197
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.9	19.3
176	19.3	15.6	23.4

Manual Integrations
APPROVED

sohil
5/26/2016 6:42:18 PM



#32

Benzo(a)anthracene

Concen: 20.02 ng/ul

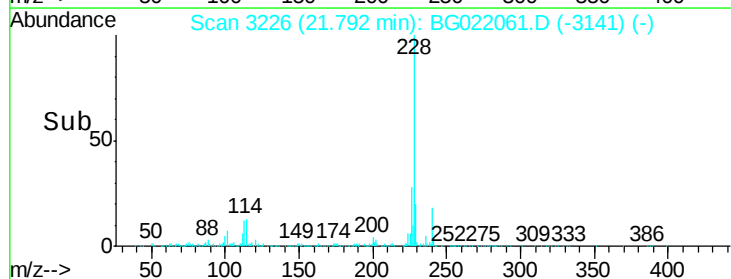
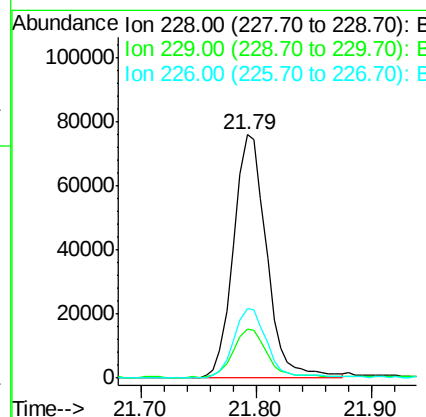
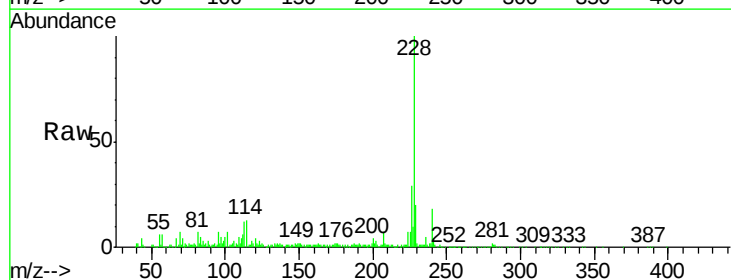
RT: 21.79 min Scan# 3226

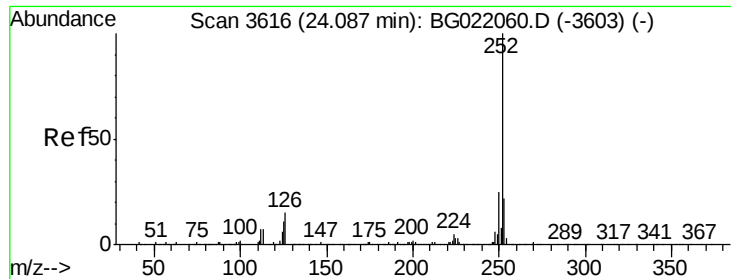
Delta R.T. -0.00 min

Lab File: BG022061.D

Acq: 25 May 2016 16:40

Tgt Ion:	228	Resp:	151427
Ion Ratio	Lower	Upper	
228	100		
229	20.3	16.6	25.0
226	28.5	21.0	31.4





#35

Benzo(b)fluoranthene

Concen: 22.23 ng/ul

RT: 24.08 min Scan# 3616

Delta R.T. -0.00 min

Lab File: BG022061.D

Acq: 25 May 2016 16:40

Instrument :

BNA_G

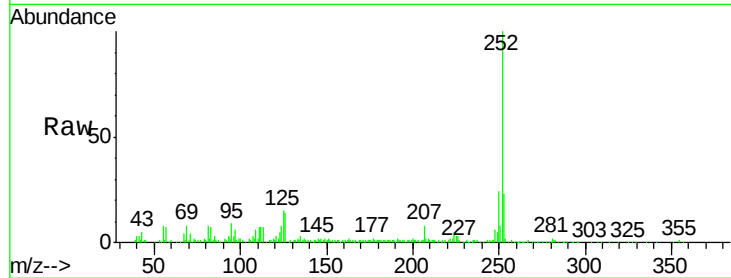
ClientSampled :

D9XP6

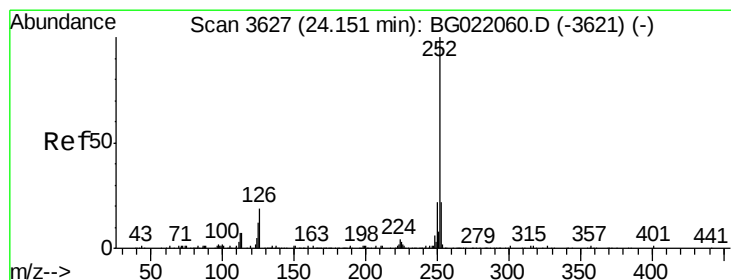
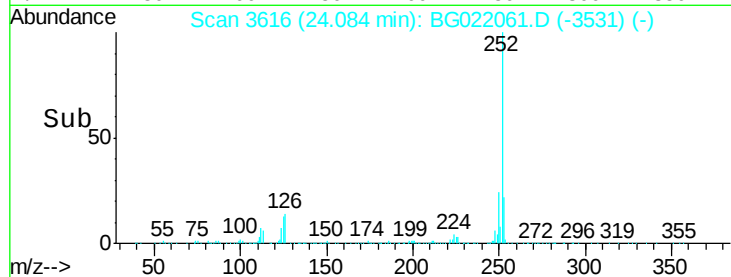
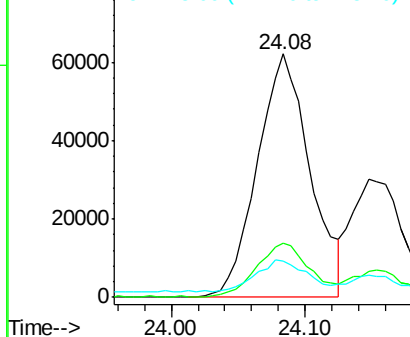
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	15.1	7.6	11.4

Manual Integrations
APPROVED

sohil
5/26/2016 6:42:18 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 10.33 ng/ul

RT: 24.15 min Scan# 3627

Delta R.T. -0.00 min

Lab File: BG022061.D

Acq: 25 May 2016 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	18.4	7.7	11.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

