

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028362.D
 Acq On : 16 Aug 2017 3:17
 Operator : SJ/JU
 Sample : I4672-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:30 PM

Quant Time: Aug 16 13:54:05 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	51098	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	230292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	164304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	367616m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	433242	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	406192m	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3886	3.54	ng/uL	0.00
5) Phenol-d5	7.51	99	113064	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	66197	18.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	80944	22.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	94765	20.20	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	41638	23.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	49330	24.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	96215	23.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	72555	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	315747	21.61	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	368107	22.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	37583	16.17	ng/ul	0.00
57) Fluorene-d10	15.96	176	265629	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	47818	20.02	ng/ul	0.00
70) Anthracene-d10	17.81	188	412309	23.39	ng/ul	0.00
76) Pyrene-d10	20.09	212	478361	21.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	437991m	23.03	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.54	94	6572	1.178	ng/ul#	85
28) Naphthalene	11.23	128	16881	1.480	ng/ul	99
44) Dimethylphthalate	14.40	163	102862	7.645	ng/ul	99
47) Acenaphthylene	14.70	152	25093	1.594	ng/ul	97
58) Fluorene	16.01	166	21606	1.576	ng/ul	94
69) Phenanthrene	17.76	178	607257m	32.824	ng/ul	
71) Anthracene	17.85	178	229290	12.126	ng/ul	96
74) Fluoranthene	19.76	202	1107919m	49.277	ng/ul	
77) Pyrene	20.12	202	997147	38.578	ng/ul	99
80) Benzo(a)anthracene	22.03	228	764487	30.540	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	20414	1.482	ng/ul#	98
82) Chrysene	22.10	228	639588	28.370	ng/ul	96
85) Benzo(b)fluoranthene	24.45	252	547722m	22.534	ng/ul	
86) Benzo(k)fluoranthene	24.51	252	243665m	10.263	ng/ul	
88) Benzo(a)pyrene	25.41	252	462319m	19.644	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.60	276	185721m	6.739	ng/ul	
91) Benzo(g,h,i)perylene	30.88	276	106447m	4.695	ng/ul	

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

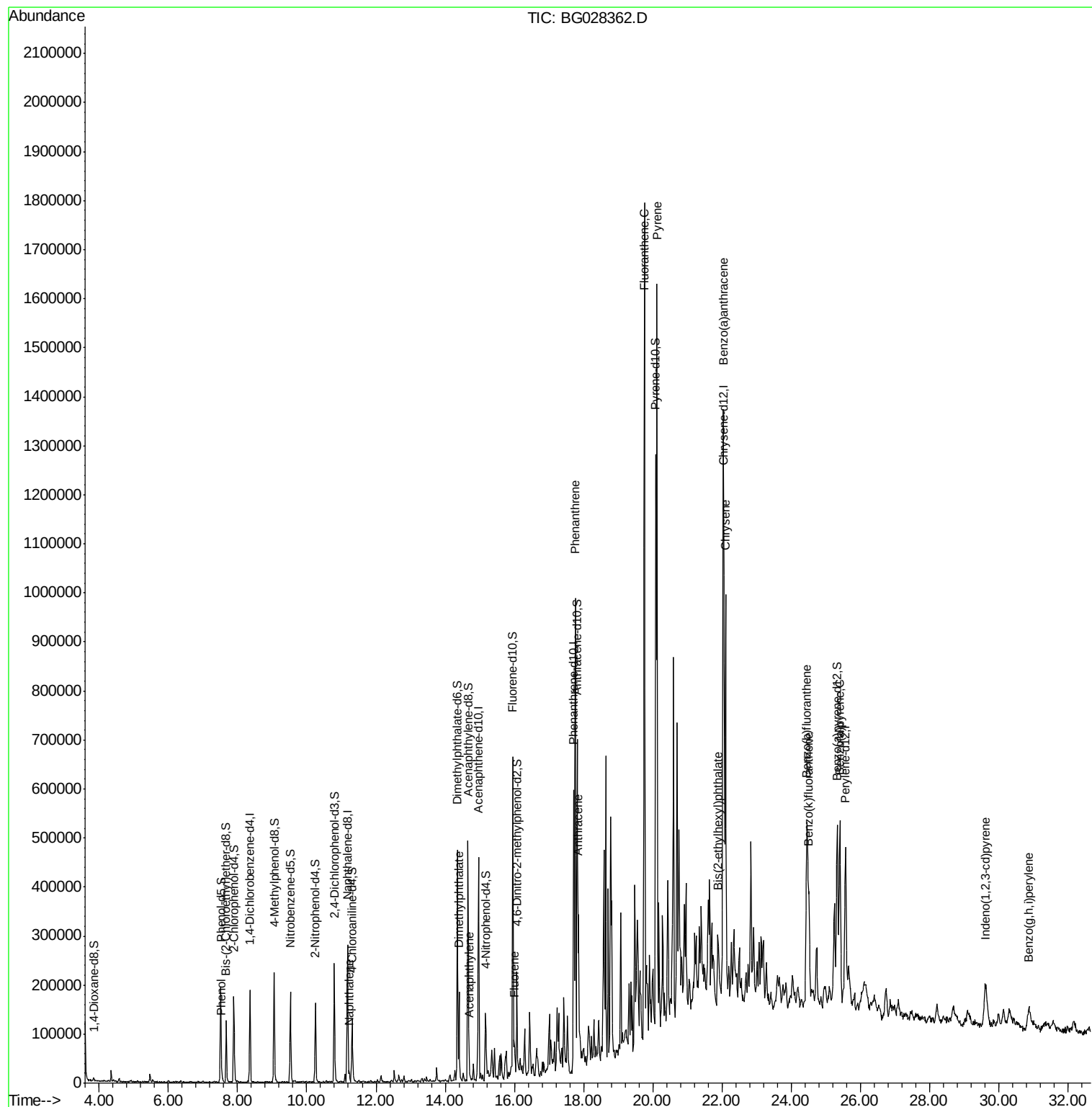
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028362.D
Acq On : 16 Aug 2017 3:17
Operator : SJ/JU
Sample : I4672-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

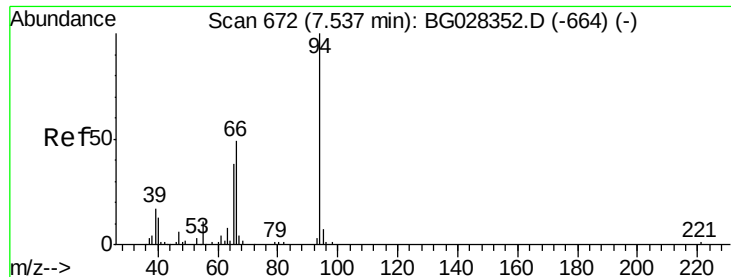
Instrument :
BNA_G
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
8/16/2017 6:40:30 PM

Quant Time: Aug 16 13:54:05 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 16 04:06:35 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.178 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

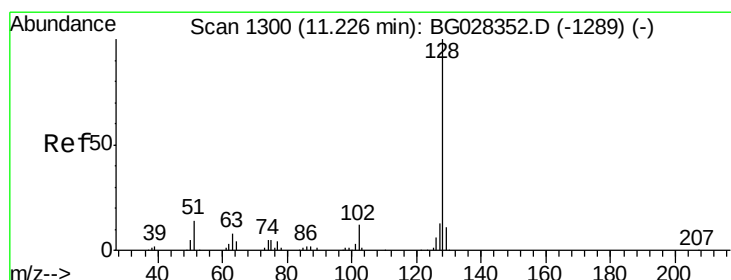
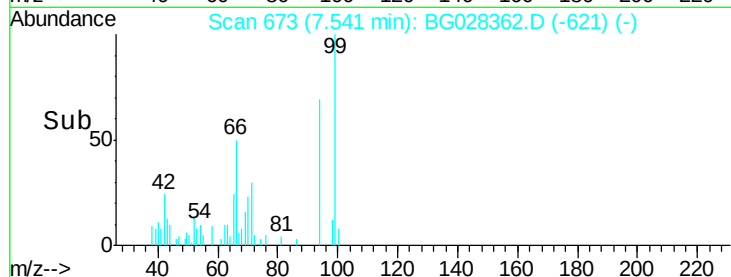
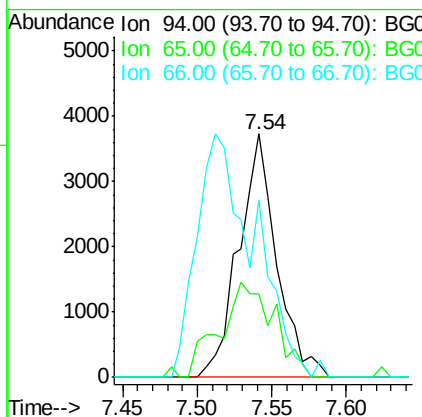
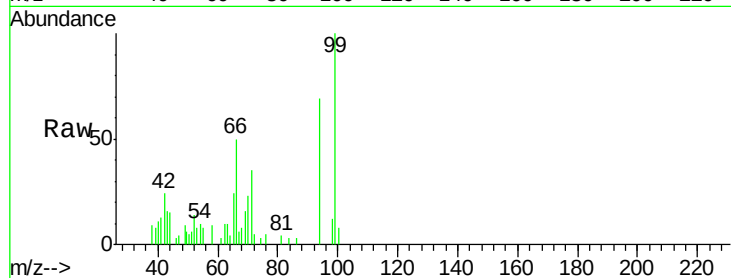
ClientSampled :

C0AH9

Tgt Ion:	94	Resp:	6572
Ion Ratio	Lower	Upper	
94	100		
65	34.5	26.8	40.2
66	72.5	44.4	66.6#

Manual Integrations
APPROVED

Sohil
8/16/2017 6:40:30 PM



#28

Naphthalene

Concen: 1.480 ng/ul

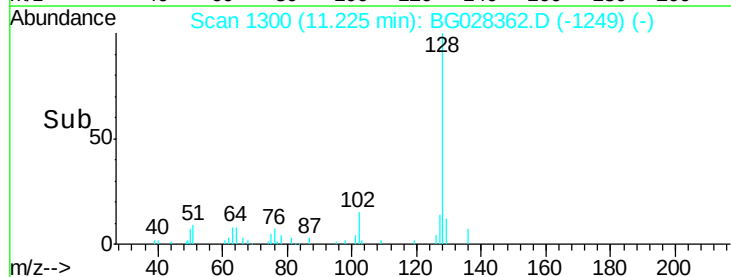
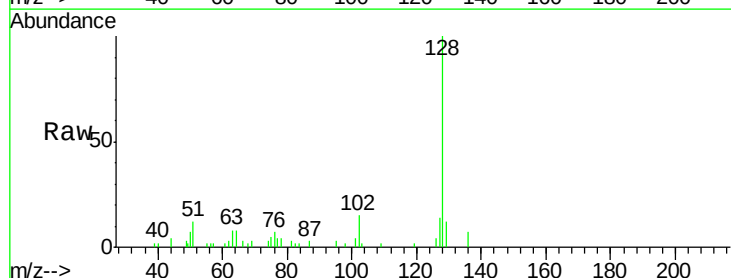
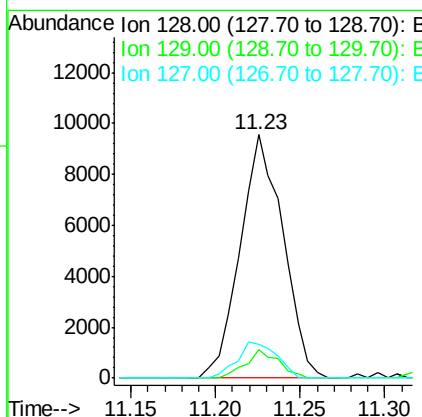
RT: 11.23 min Scan# 1300

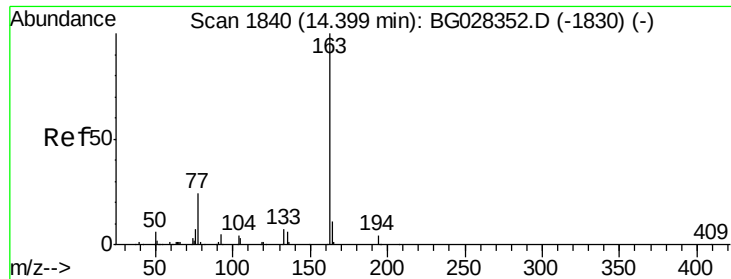
Delta R.T. -0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Tgt Ion:	128	Resp:	16881
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.4	14.2
127	13.8	10.3	15.5





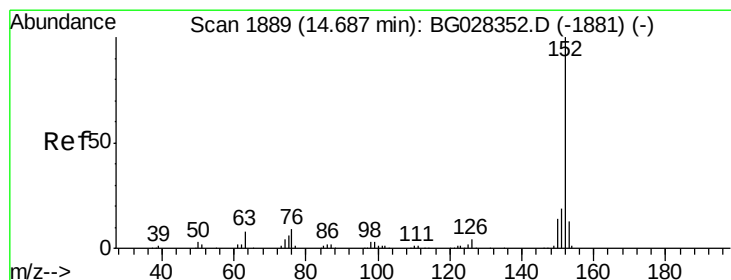
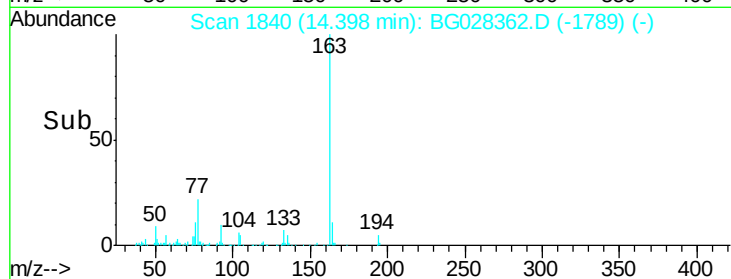
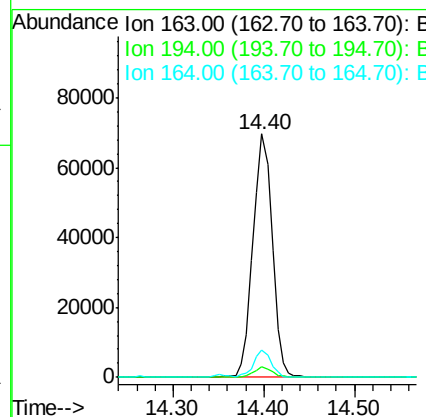
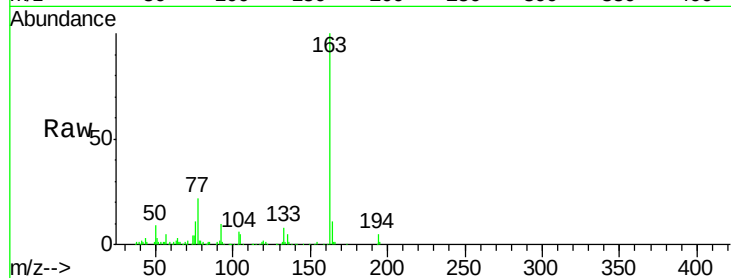
#44
Dimethylphthalate
Concen: 7.645 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG028362.D
Acq: 16 Aug 2017 3:17

Instrument :
BNA_G
ClientSampleId :
C0AH9

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.6	3.4	5.0
164	11.4	9.0	13.4

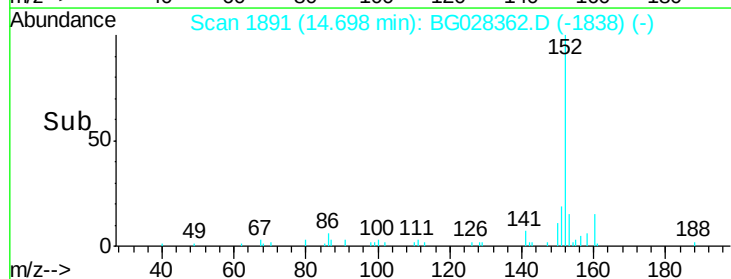
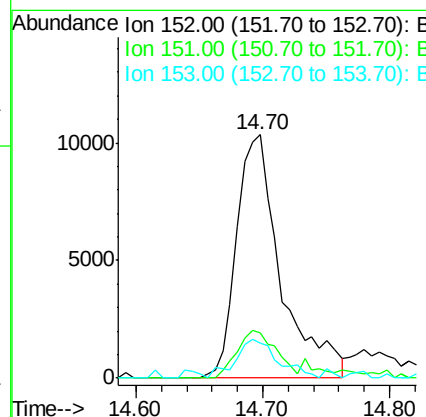
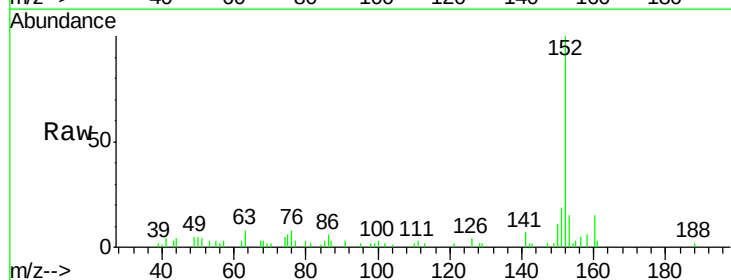
Manual Integrations
APPROVED

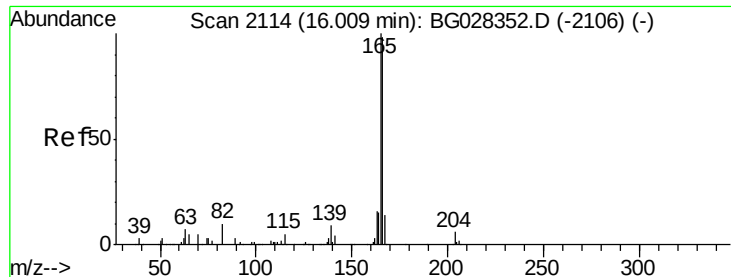
Sohil
8/16/2017 6:40:30 PM



#47
Acenaphthylene
Concen: 1.594 ng/ul
RT: 14.70 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BG028362.D
Acq: 16 Aug 2017 3:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	18.7	16.7	25.1
153	14.5	11.4	17.2





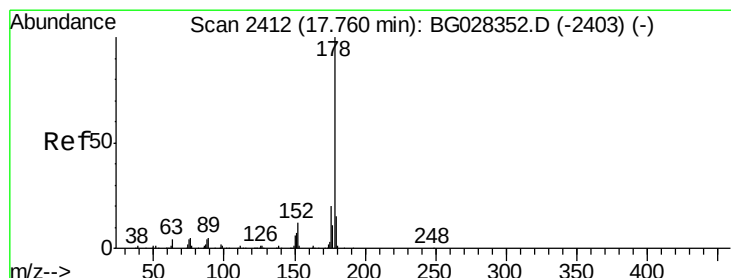
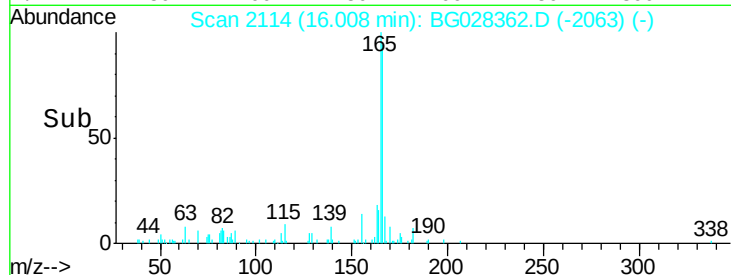
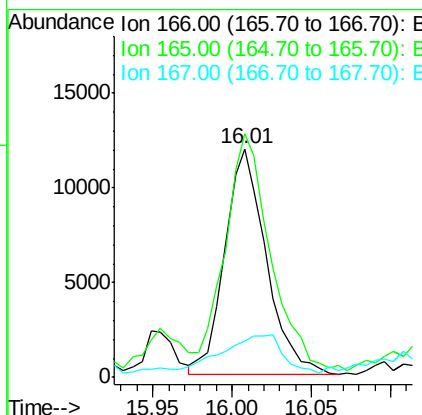
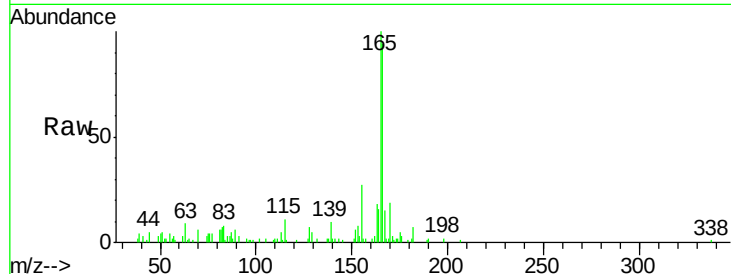
#58
 Fluorene
 Concen: 1.576 ng/ul
 RT: 16.01 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	21606		
165	106.5	79.7	119.5	
167	15.7	11.4	17.2	

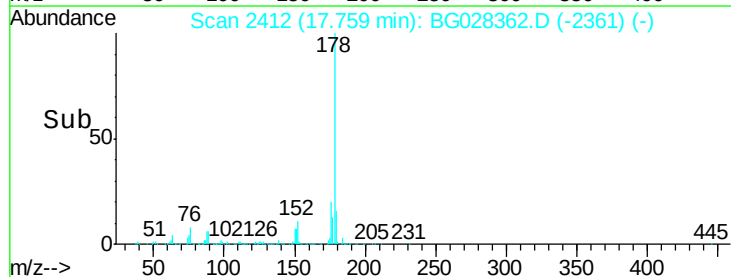
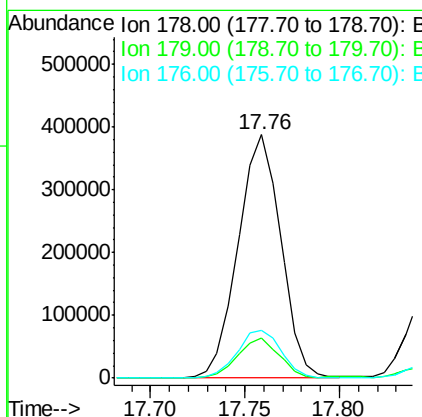
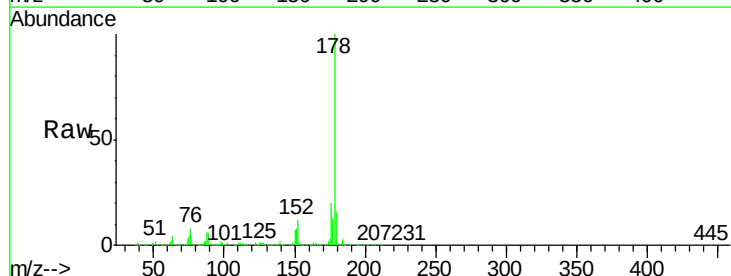
Manual Integrations
 APPROVED

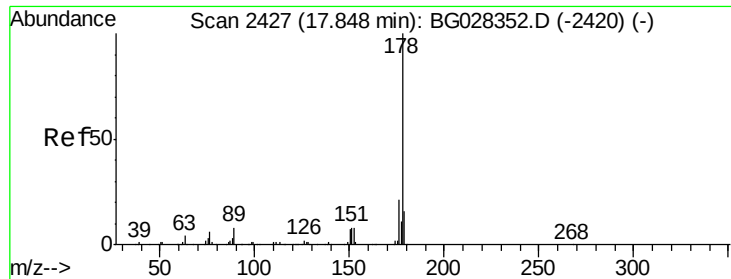
Sohil
 8/16/2017 6:40:30 PM



#69
 Phenanthrene
 Concen: 32.824 ng/ul m
 RT: 17.76 min Scan# 2412
 Delta R.T. -0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	607257		
179	16.2	12.4	18.6	
176	19.9	16.5	24.7	





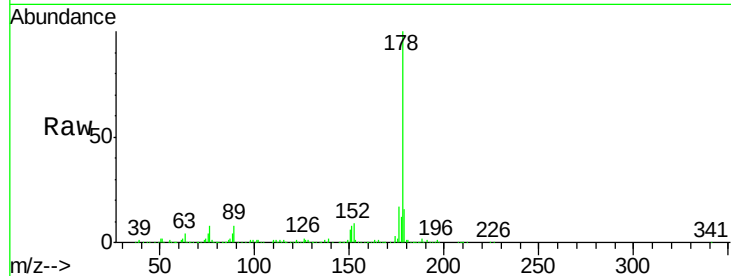
#71
 Anthracene
 Concen: 12.126 ng/ul
 RT: 17.85 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	229290		
179	15.6	12.6	19.0	
176	16.9	15.9	23.9	

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:30 PM

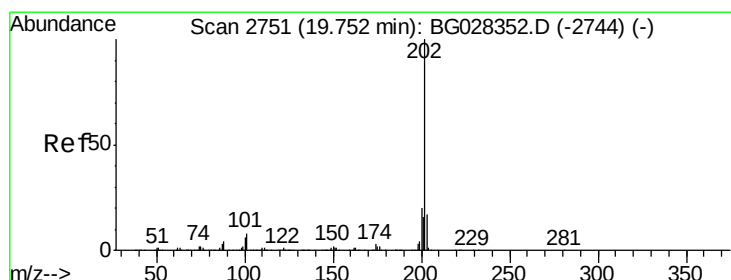
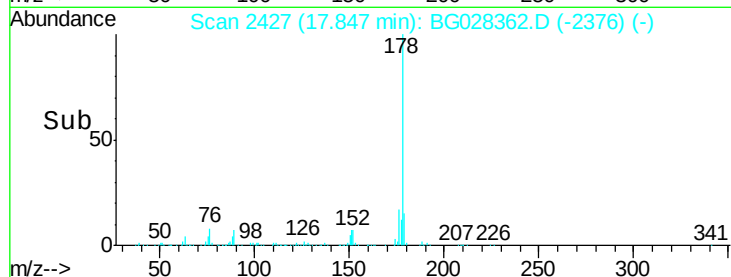
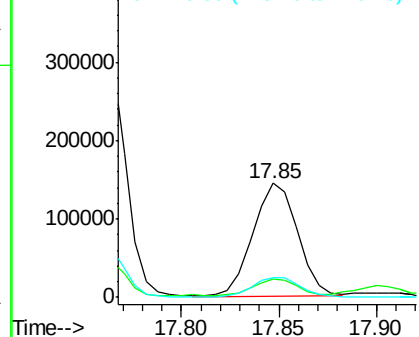


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74
 Fluoranthene
 Concen: 49.277 ng/ul m
 RT: 19.76 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

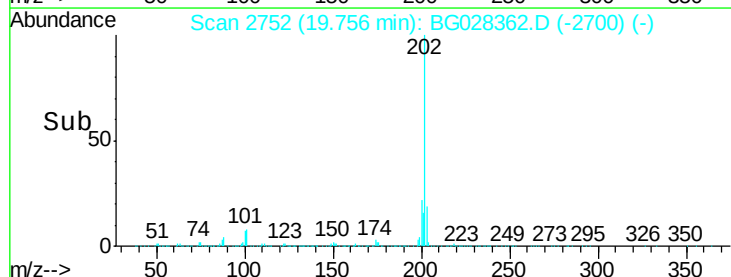
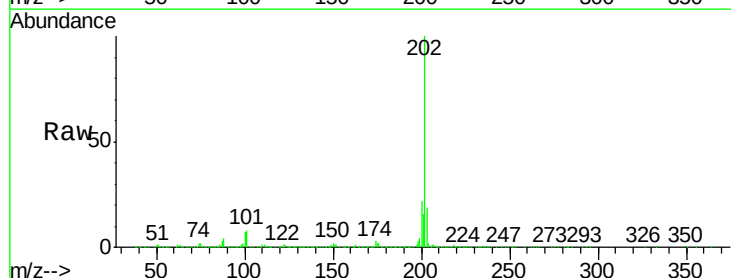
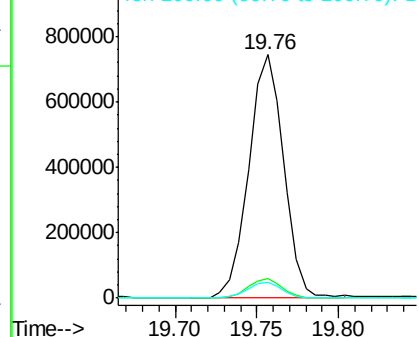
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1107919		
101	8.1	6.2	9.2	
100	6.6	5.2	7.8	

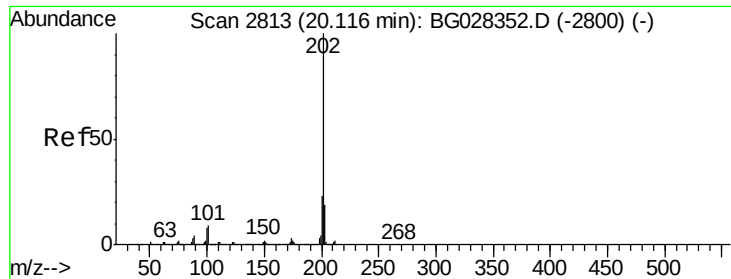
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 38.578 ng/ul

RT: 20.12 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

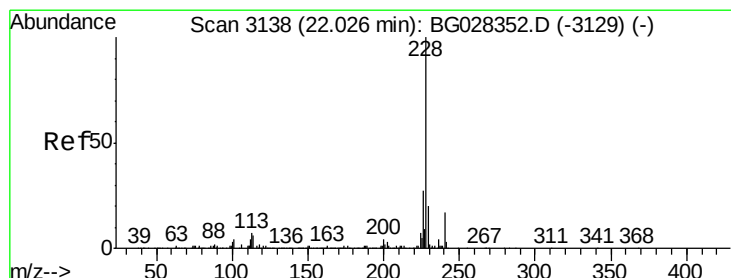
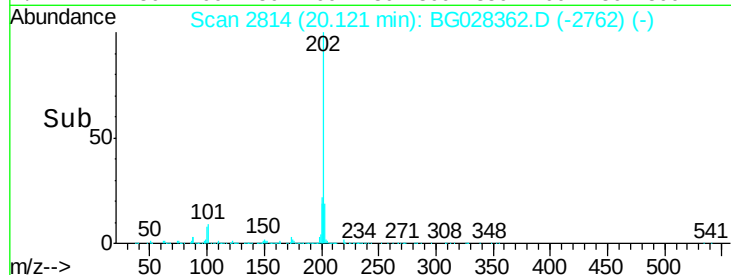
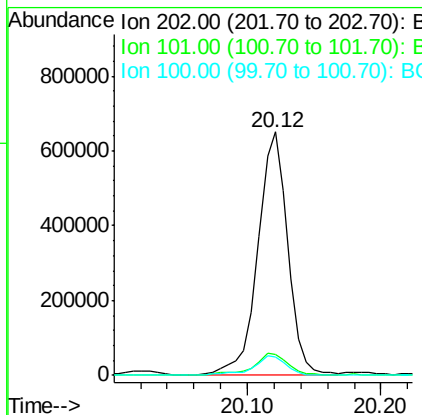
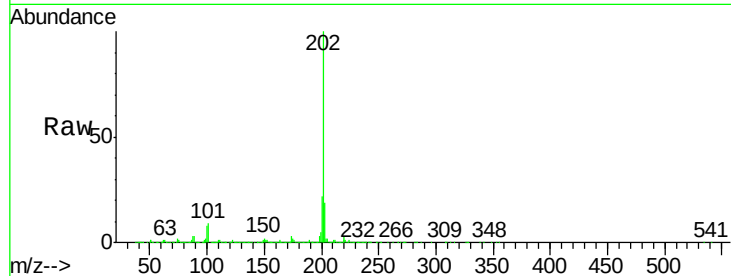
ClientSampleId :

C0AH9

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		997147		
101	8.8	6.9	10.3		
100	7.7	6.6	10.0		

Manual Integrations
APPROVED

Sohil
8/16/2017 6:40:30 PM



#80

Benzo(a)anthracene

Concen: 30.540 ng/ul

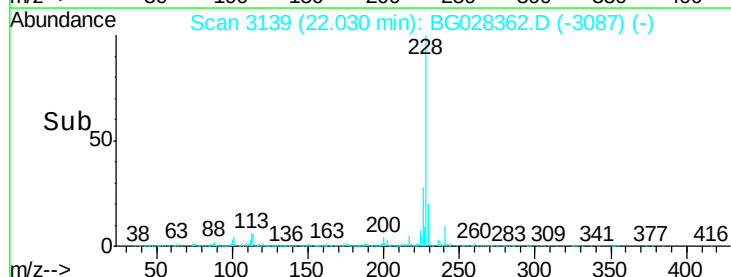
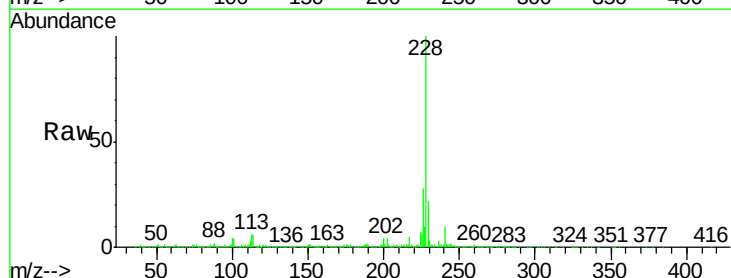
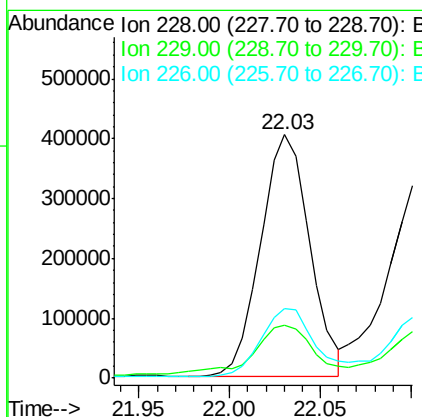
RT: 22.03 min Scan# 3139

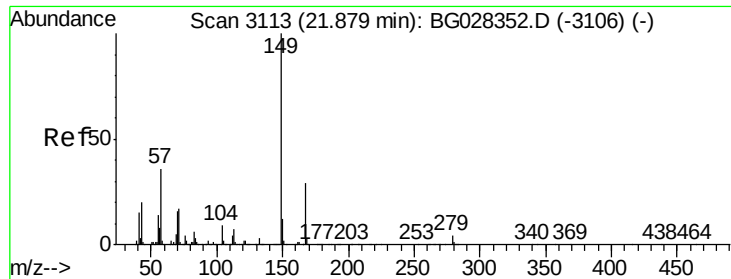
Delta R.T. 0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		764487		
229	21.9	16.3	24.5		
226	28.4	21.9	32.9		





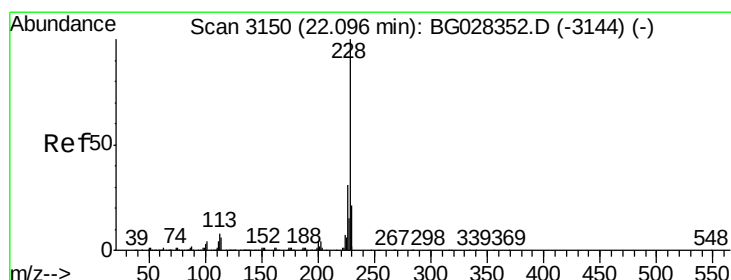
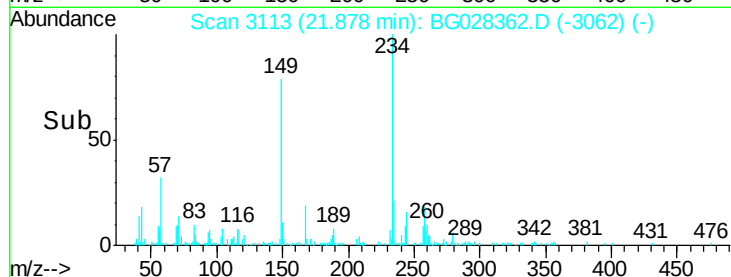
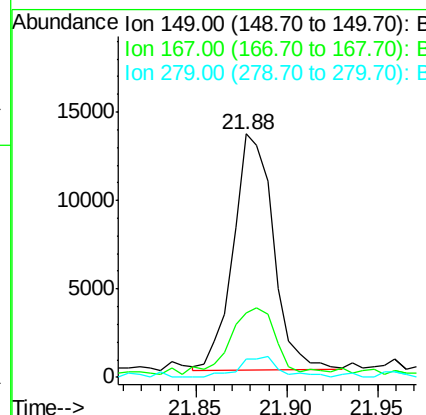
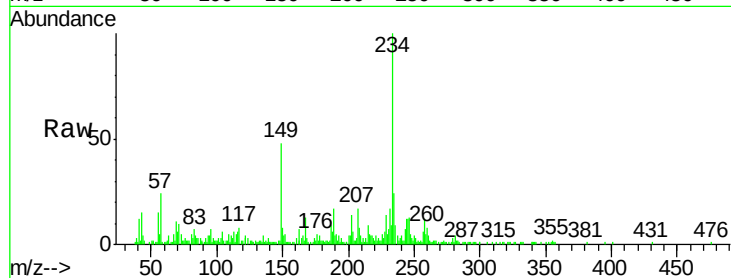
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.482 ng/ul
 RT: 21.88 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.8	32.8
279	7.3	4.5	6.7

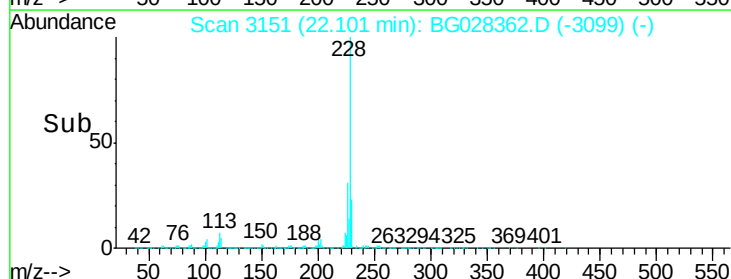
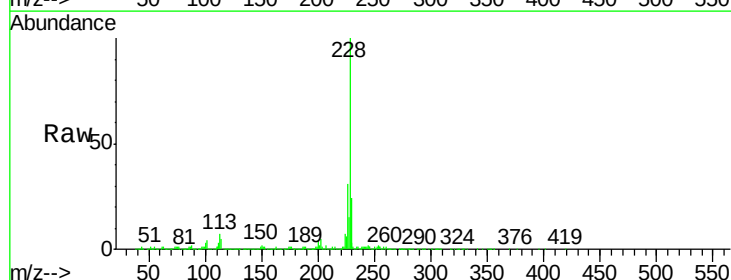
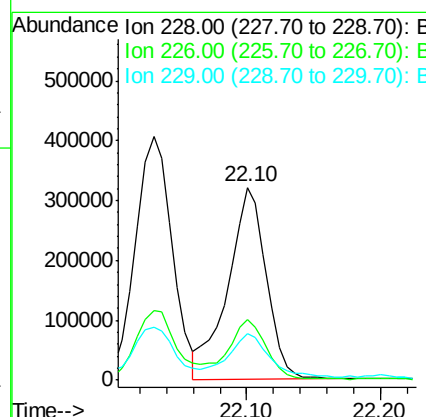
Manual Integrations
 APPROVED

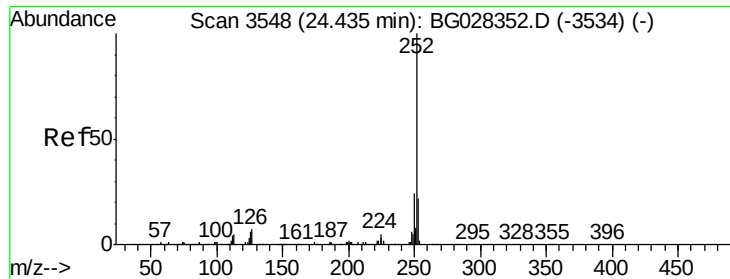
Sohil
 8/16/2017 6:40:30 PM



#82
 Chrysene
 Concen: 28.370 ng/ul
 RT: 22.10 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	24.3	16.9	25.3





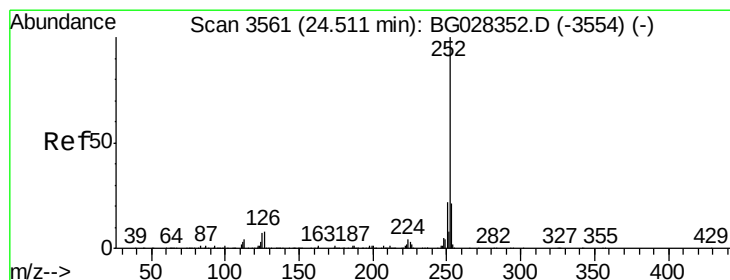
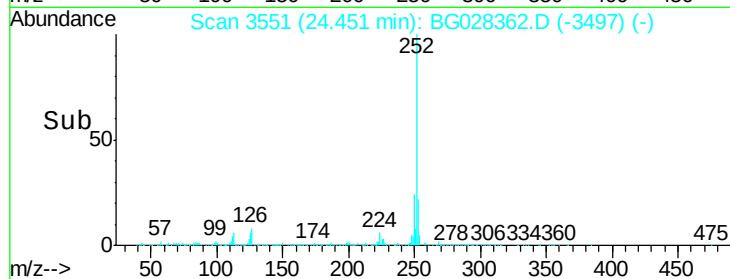
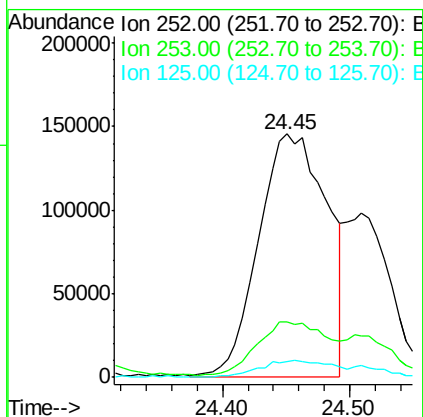
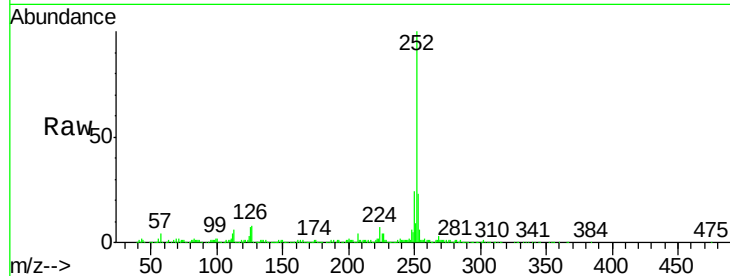
#85
Benzo(b)fluoranthene
Concen: 22.534 ng/ul m
RT: 24.45 min Scan# 3551
Delta R.T. 0.02 min
Lab File: BG028362.D
Acq: 16 Aug 2017 3:17

Instrument :
BNA_G
ClientSampleId :
C0AH9

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.7	26.5
125	6.6	4.0	6.0#

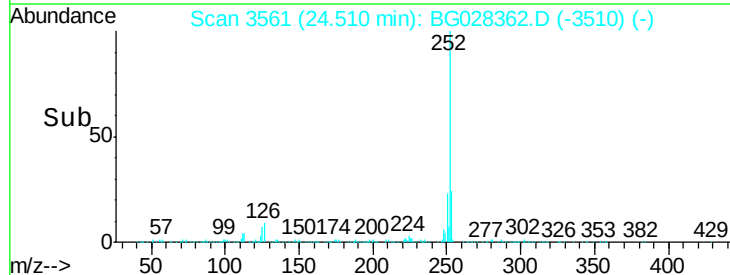
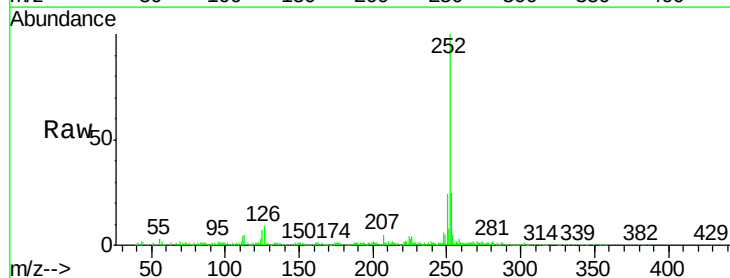
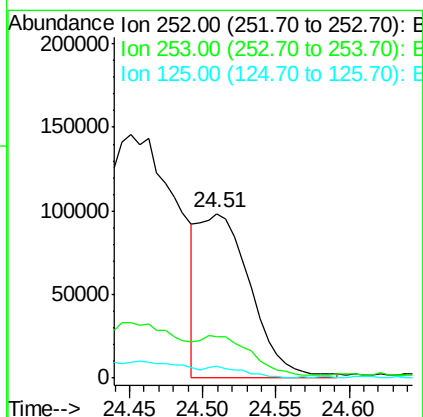
Manual Integrations
APPROVED

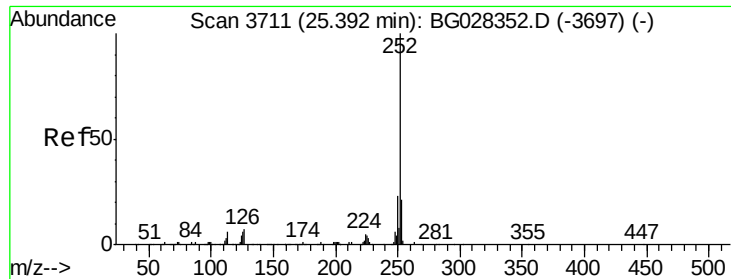
Sohil
8/16/2017 6:40:30 PM



#86
Benzo(k)fluoranthene
Concen: 10.263 ng/ul m
RT: 24.51 min Scan# 3561
Delta R.T. -0.00 min
Lab File: BG028362.D
Acq: 16 Aug 2017 3:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	18.5	27.7
125	7.4	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 19.644 ng/ul m

RT: 25.41 min Scan# 3714

Delta R.T. 0.02 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Instrument :

BNA_G

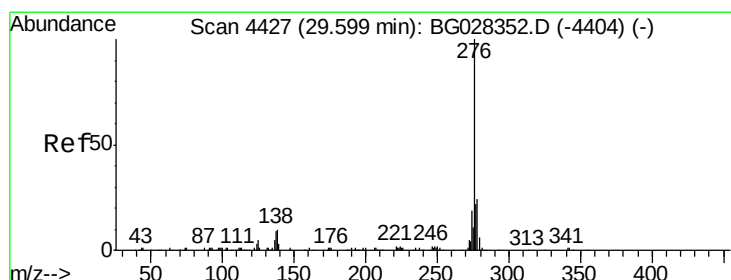
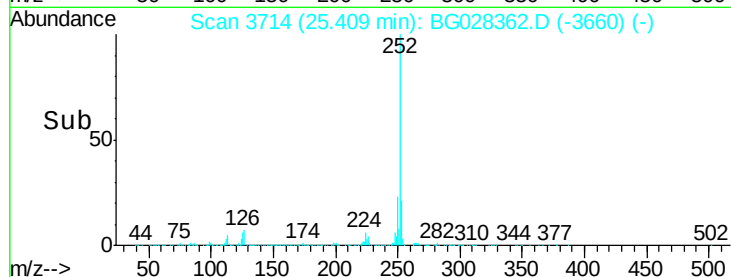
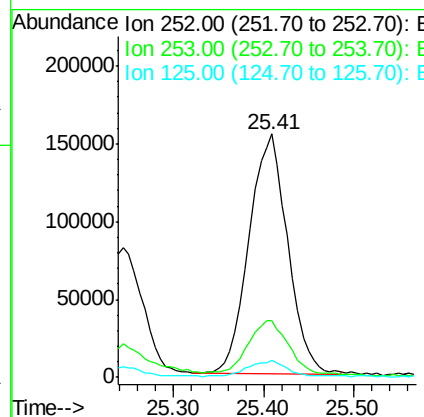
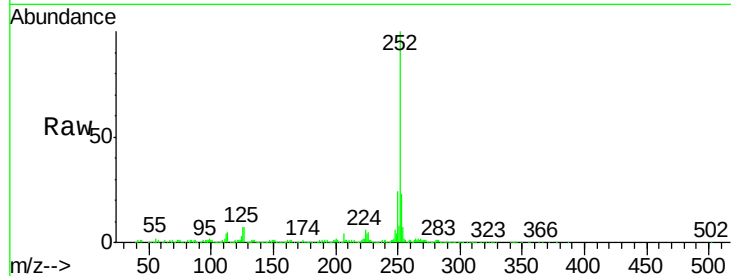
ClientSampleId :

C0AH9

Tgt Ion:	252	Resp:	462319
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	6.8	5.4	8.0

Manual Integrations
APPROVED

Sohil
8/16/2017 6:40:30 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 6.739 ng/ul m

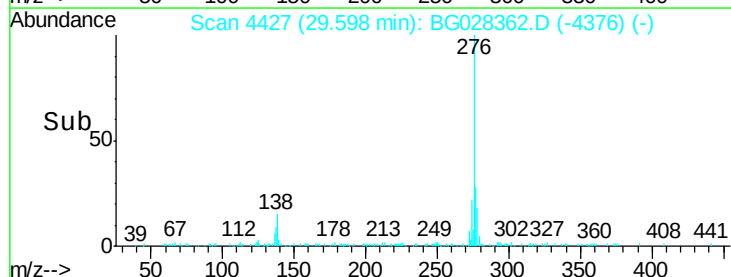
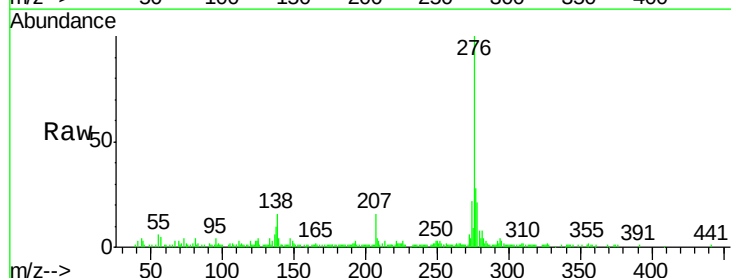
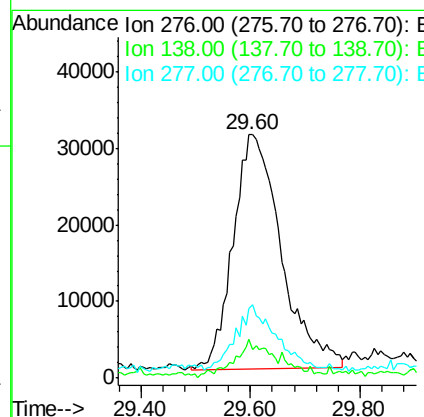
RT: 29.60 min Scan# 4427

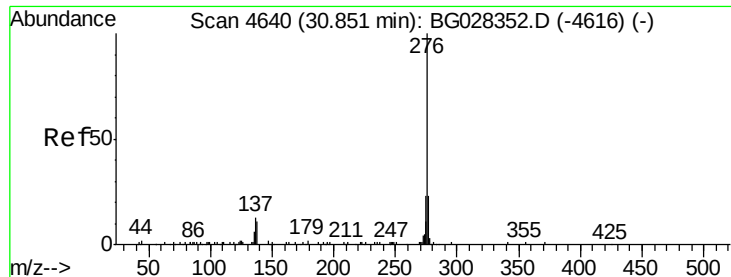
Delta R.T. -0.00 min

Lab File: BG028362.D

Acq: 16 Aug 2017 3:17

Tgt Ion:	276	Resp:	185721
Ion Ratio	Lower	Upper	
276	100		
138	15.9	8.2	12.4#
277	28.5	18.6	28.0#





#91
 Benzo(g,h,i)perylene
 Concen: 4.695 ng/ul m
 RT: 30.88 min Scan# 4645
 Delta R.T. 0.03 min
 Lab File: BG028362.D
 Acq: 16 Aug 2017 3:17

Instrument :
 BNA_G
 ClientSampleId :
 C0AH9

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	8.6	12.8#
277	23.0	17.6	26.4

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:40:30 PM

