

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028433.D
 Acq On : 23 Aug 2017 1:17
 Operator : SJ/JU
 Sample : I4713-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB9

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:33 PM

Quant Time: Aug 23 08:37:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43866	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	199039	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	146131	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	327399	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	379306	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	381809	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	2034	2.16	ng/uL	0.01
5) Phenol-d5	7.50	99	56695	11.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	36266	11.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	41997	13.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	47611	11.82	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	23839	15.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	28167	16.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	55249	15.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	27344	6.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	196394	15.11	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	227229	15.51	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	7523	3.64	ng/ul	0.02
57) Fluorene-d10	15.94	176	170386	14.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	10943	5.15	ng/ul	0.00
70) Anthracene-d10	17.80	188	256145	16.32	ng/ul	0.00
76) Pyrene-d10	20.07	212	308550	15.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	291506	16.31	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	8414	1.757	ng/ul#	78
28) Naphthalene	11.21	128	70191	7.120	ng/ul#	93
34) 2-Methylnaphthalene	12.80	142	98508	12.441	ng/ul	91
40) 1,1'-Biphenyl	13.78	154	12257	1.148	ng/ul#	94
44) Dimethylphthalate	14.39	163	87596	7.320	ng/ul	98
53) Dibenzofuran	15.35	168	45090	3.273	ng/ul	93
69) Phenanthrene	17.75	178	207983	12.623	ng/ul	97
74) Fluoranthene	19.74	202	76464	3.819	ng/ul#	96
77) Pyrene	20.10	202	81860	3.617	ng/ul	98
80) Benzo(a)anthracene	22.01	228	52550	2.398	ng/ul#	84
82) Chrysene	22.08	228	123763	6.270	ng/ul#	90
85) Benzo(b)fluoranthene	24.42	252	89255m	3.906	ng/ul	
88) Benzo(a)pyrene	25.37	252	33882	1.532	ng/ul#	88
91) Benzo(g,h,i)perylene	30.84	276	43501	2.041	ng/ul#	92

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

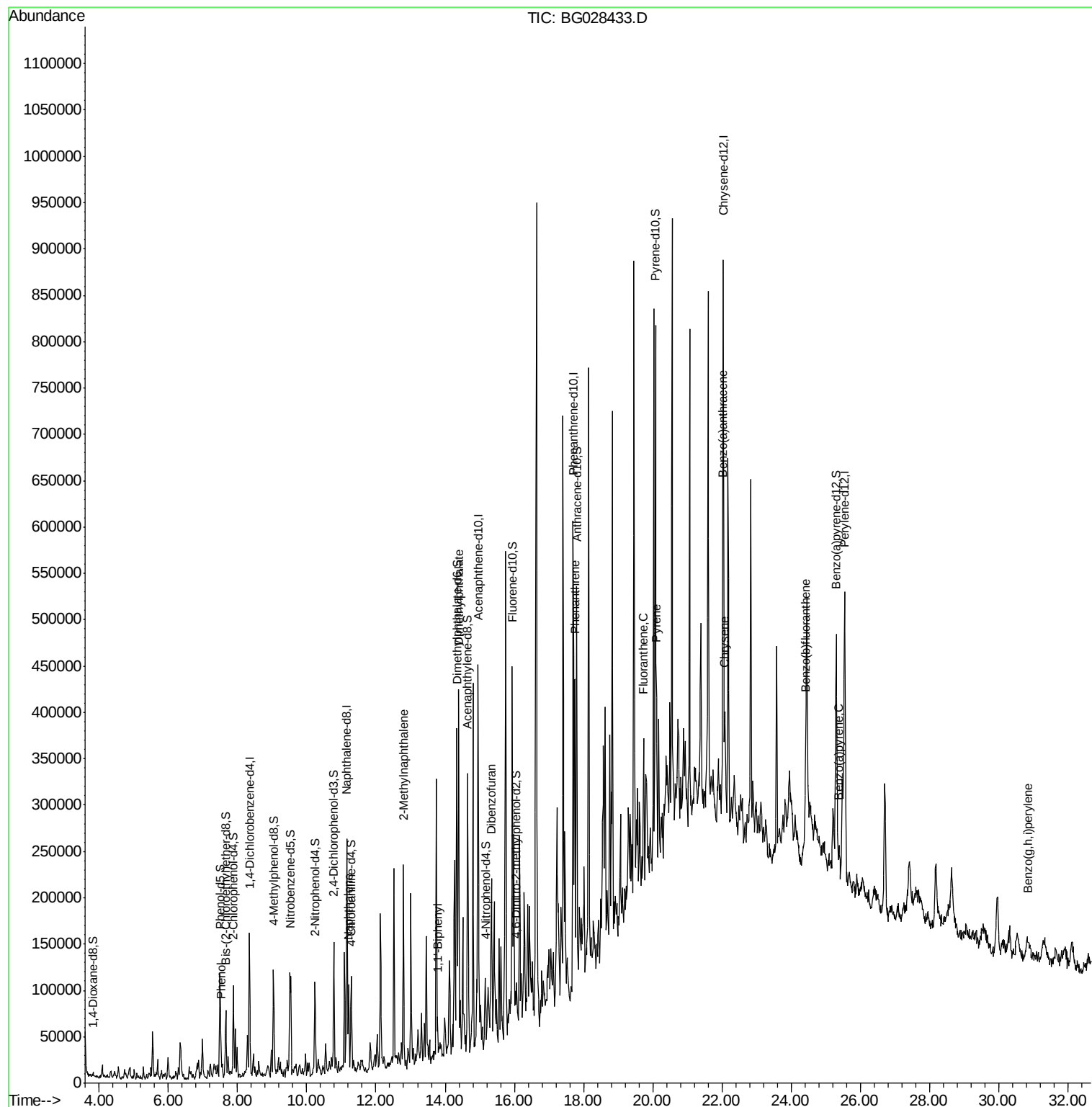
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028433.D
Acq On : 23 Aug 2017 1:17
Operator : SJ/JU
Sample : I4713-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

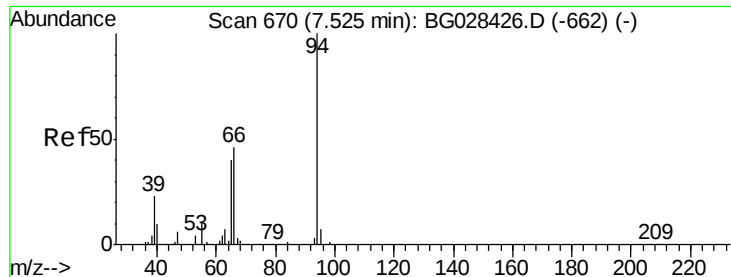
Instrument :
BNA_G
ClientSampled :
E7GB9

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8/23/2017 3:02:33 PM

Quant Time: Aug 23 08:37:53 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.757 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028433.D

Acq: 23 Aug 2017 1:17

Instrument :

BNA_G

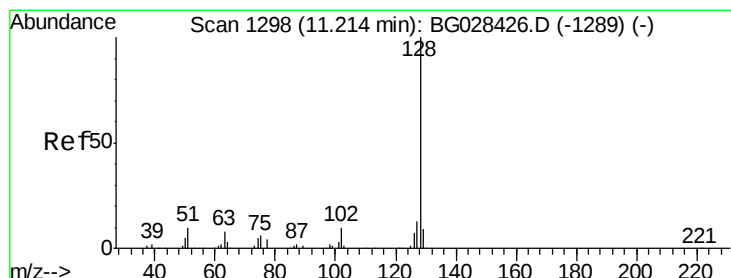
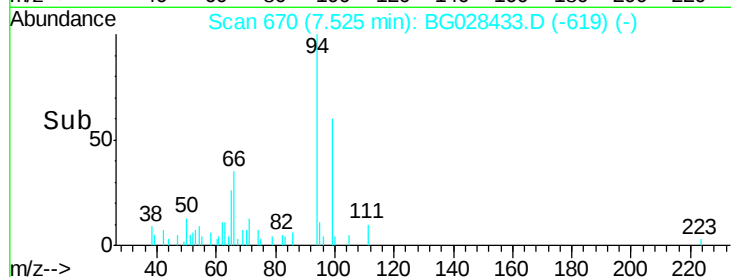
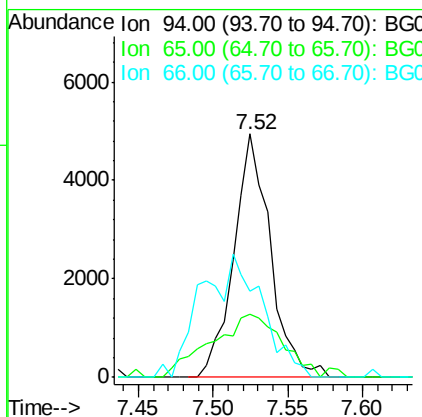
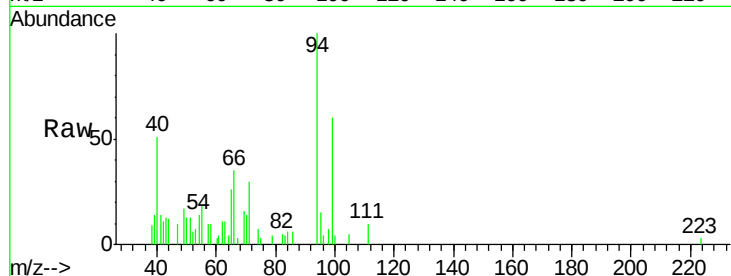
ClientSampleId :

E7GB9

Tgt Ion:	94	Resp:	8414
Ion Ratio	Lower	Upper	
94	100		
65	26.0	26.8	40.2#
66	35.3	44.4	66.6#

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#28

Naphthalene

Concen: 7.120 ng/ul

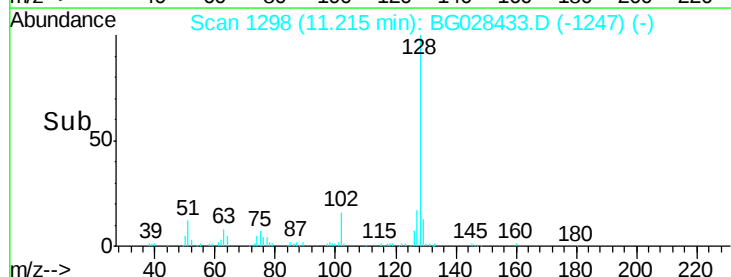
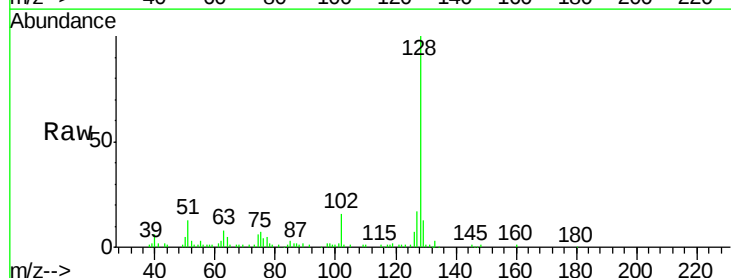
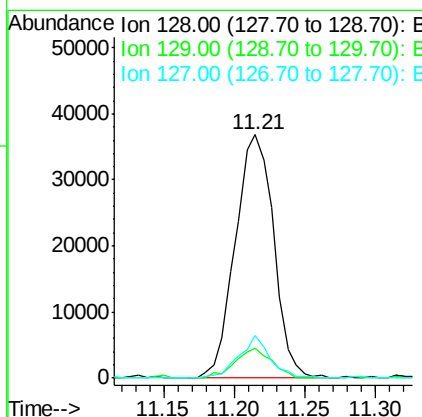
RT: 11.21 min Scan# 1298

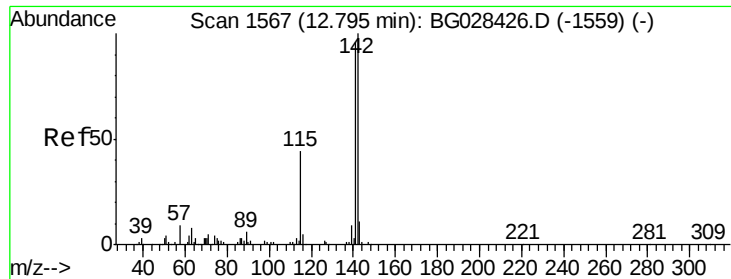
Delta R.T. 0.00 min

Lab File: BG028433.D

Acq: 23 Aug 2017 1:17

Tgt Ion:	128	Resp:	70191
Ion Ratio	Lower	Upper	
128	100		
129	12.5	9.4	14.2
127	17.4	10.3	15.5#





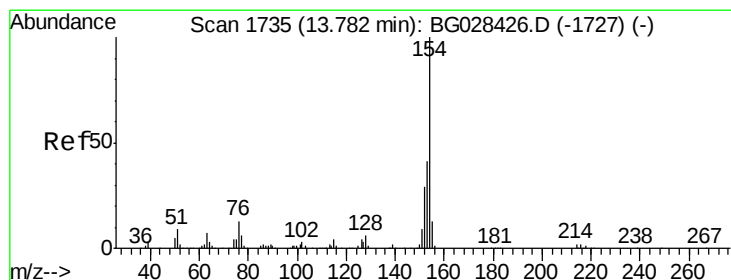
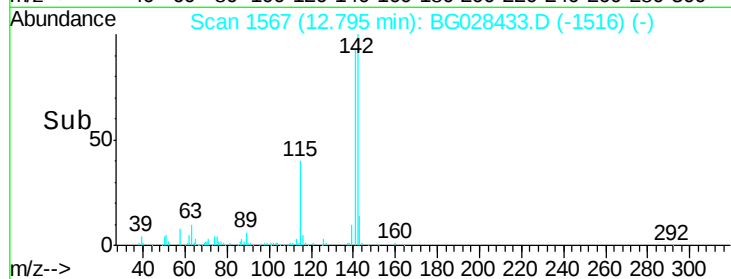
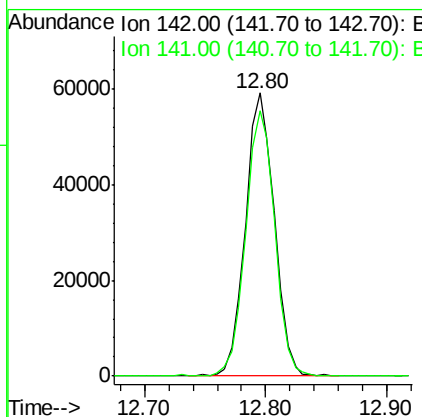
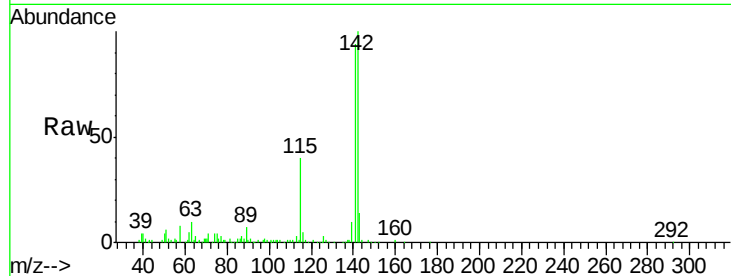
#34
 2-Methylnaphthalene
 Concen: 12.441 ng/ul
 RT: 12.80 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BG028433.D
 Acq: 23 Aug 2017 1:17

Instrument :
 BNA_G
 ClientSampleId :
 E7GB9

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	98508		
141	93.7	68.6	102.8	

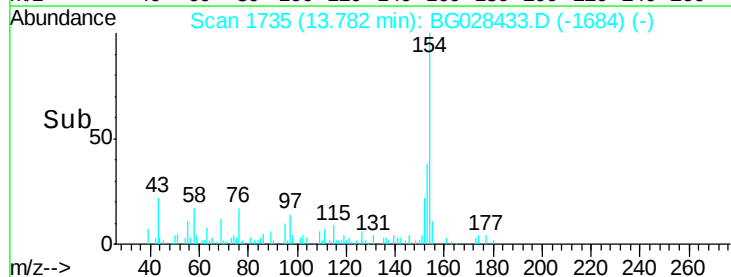
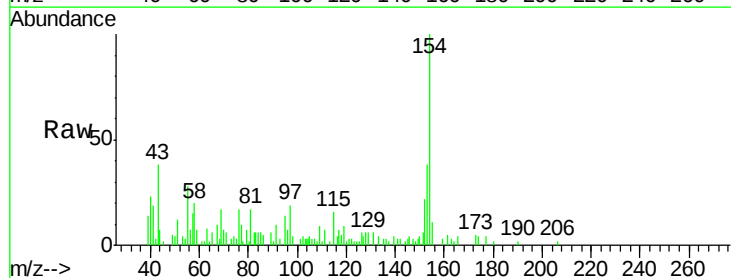
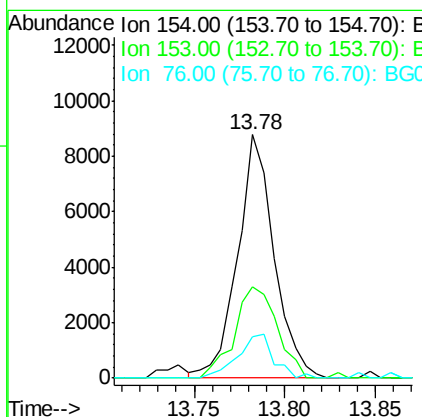
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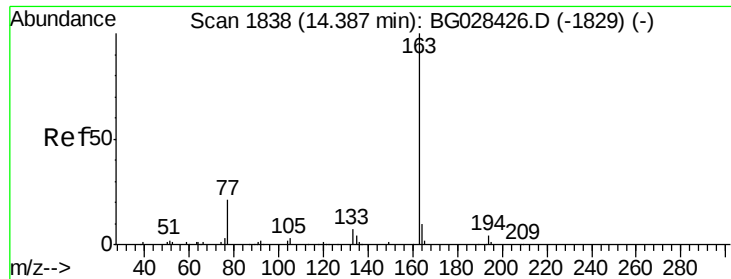
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#40
 1,1'-Biphenyl
 Concen: 1.148 ng/ul
 RT: 13.78 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG028433.D
 Acq: 23 Aug 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	12257		
153	37.6	32.2	48.2	
76	17.2	9.6	14.4	





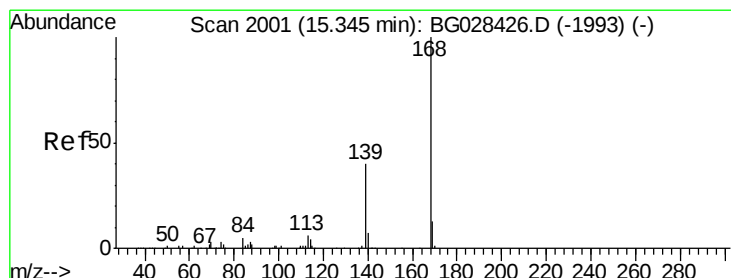
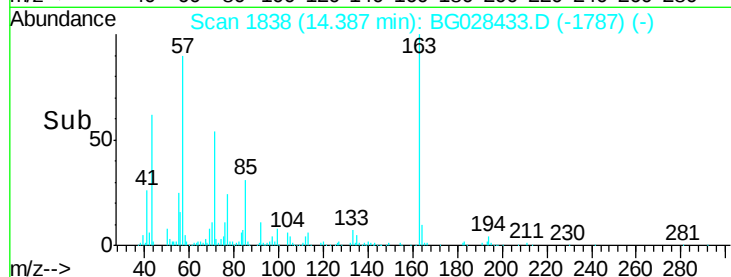
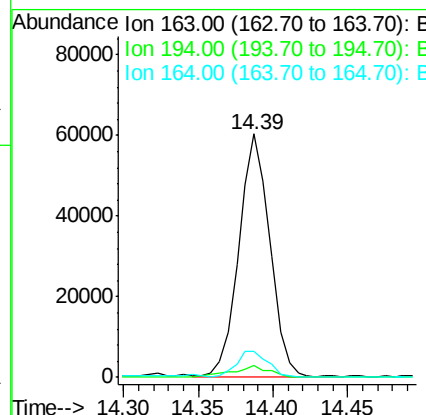
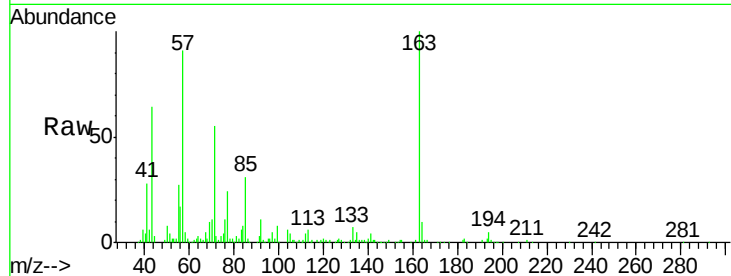
#44
Dimethylphthalate
Concen: 7.320 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	87596		
194	4.8		3.4	5.0
164	10.5		9.0	13.4

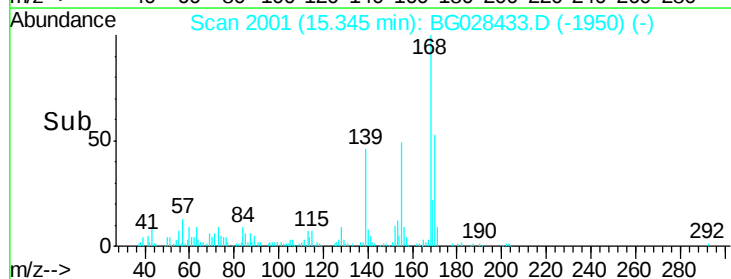
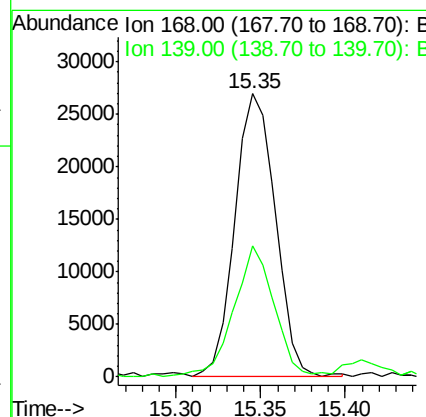
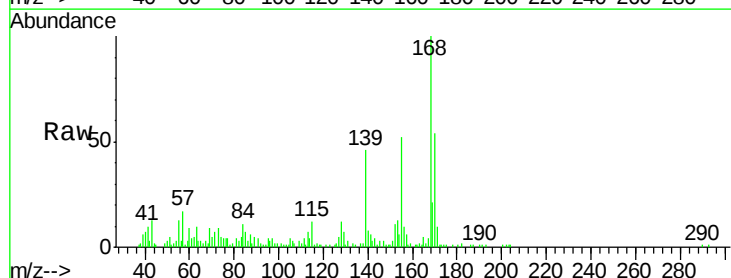
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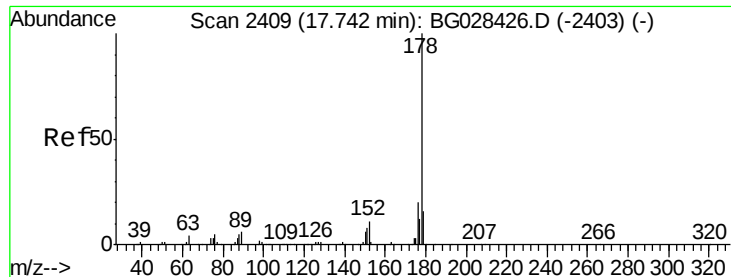
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#53
Dibenzofuran
Concen: 3.273 ng/ul
RT: 15.35 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	45090		
139	46.4		33.8	50.8





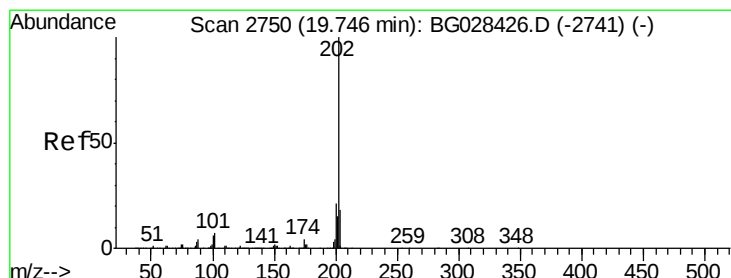
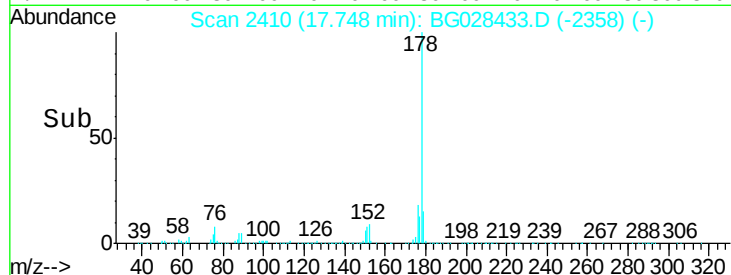
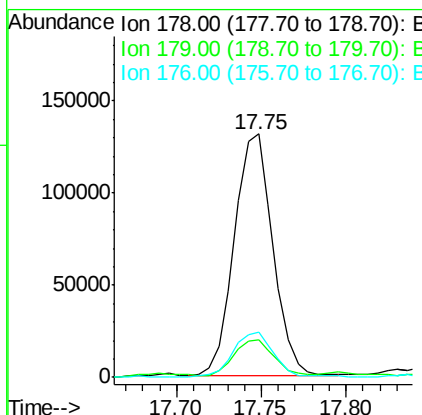
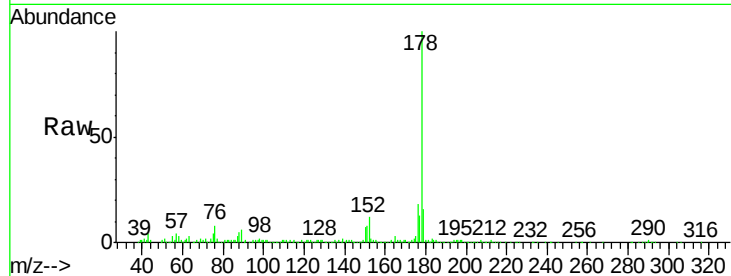
#69
Phenanthrene
Concen: 12.623 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.6	12.4	18.6
176	18.4	16.5	24.7

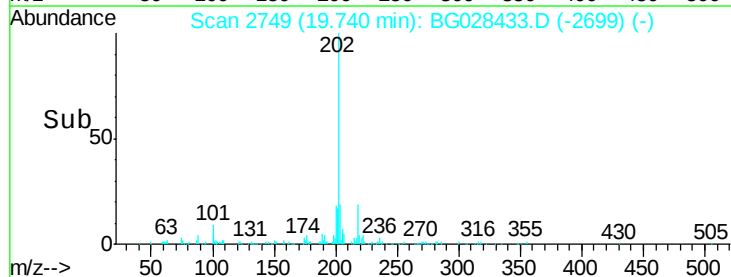
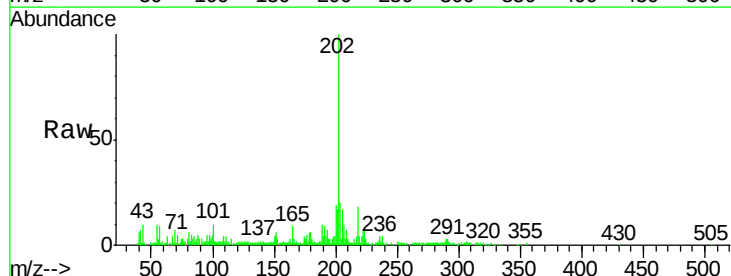
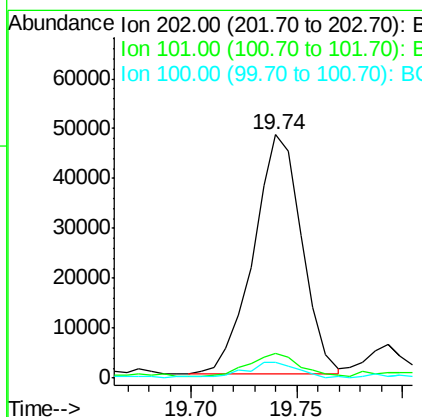
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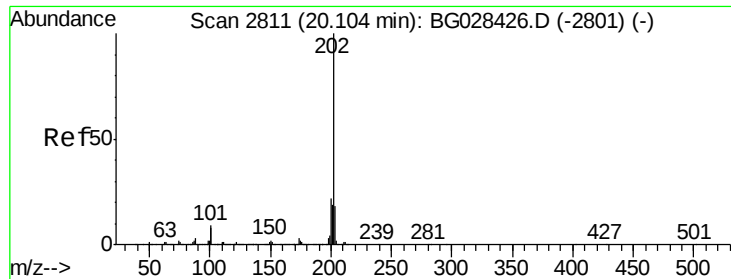
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#74
Fluoranthene
Concen: 3.819 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.9	6.2	9.2#
100	6.4	5.2	7.8





#77

Pyrene

Concen: 3.617 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028433.D

Acq: 23 Aug 2017 1:17

Instrument :

BNA_G

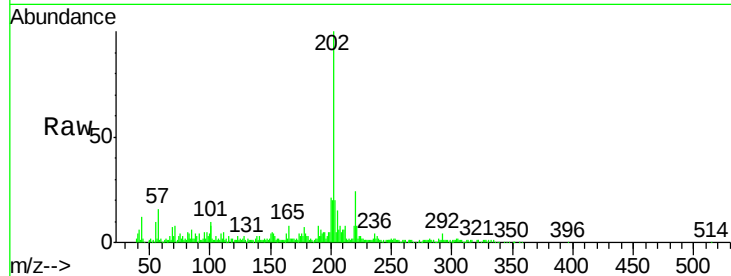
ClientSampleId :

E7GB9

Tgt Ion:	202	Resp:	81860
Ion Ratio	Lower	Upper	
202	100		
101	10.1	6.9	10.3
100	8.3	6.6	10.0

Manual Integrations
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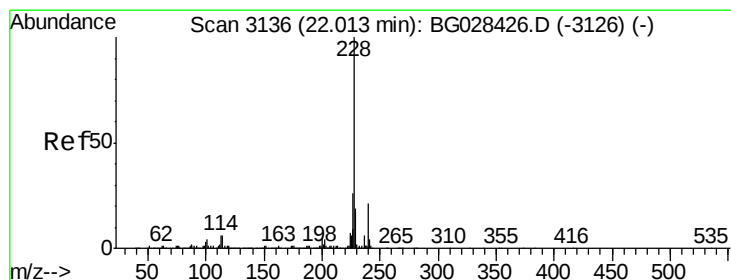
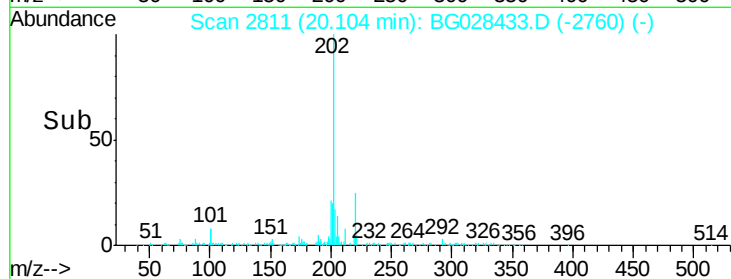
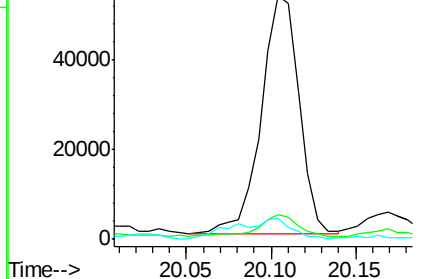
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 2.398 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG028433.D

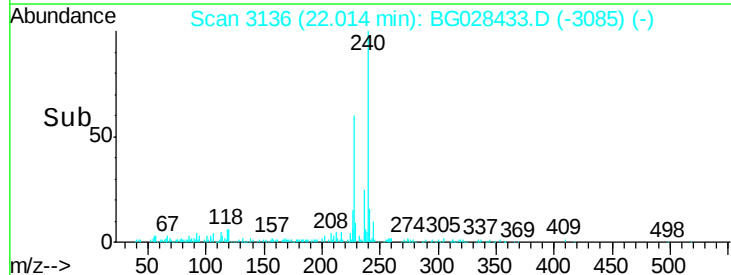
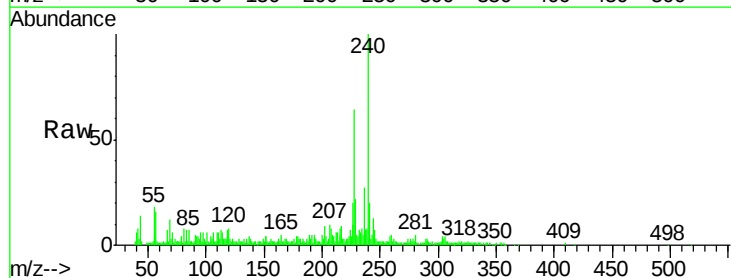
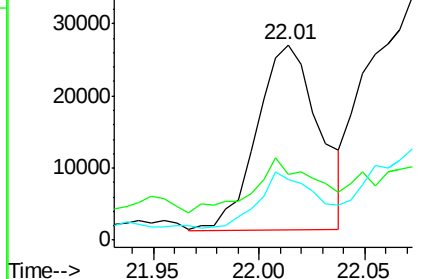
Acq: 23 Aug 2017 1:17

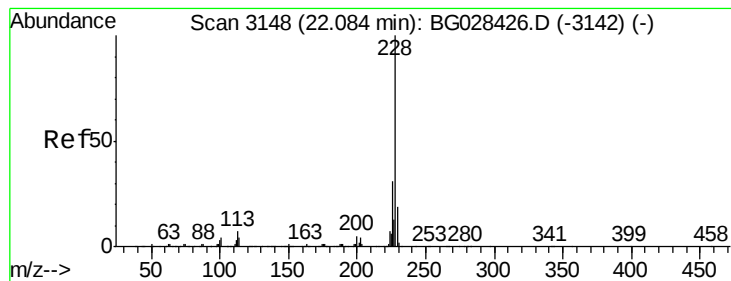
Tgt Ion:	228	Resp:	52550
Ion Ratio	Lower	Upper	
228	100		
229	33.9	16.3	24.5#
226	31.1	21.9	32.9

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 6.270 ng/ul

RT: 22.08 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG028433.D

Acq: 23 Aug 2017 1:17

Instrument :

BNA_G

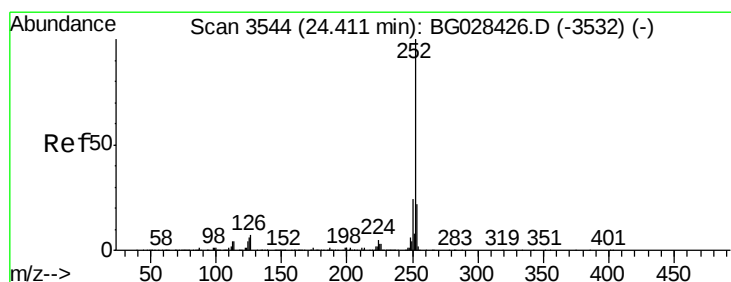
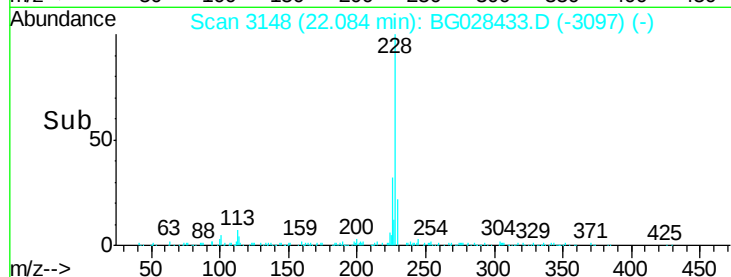
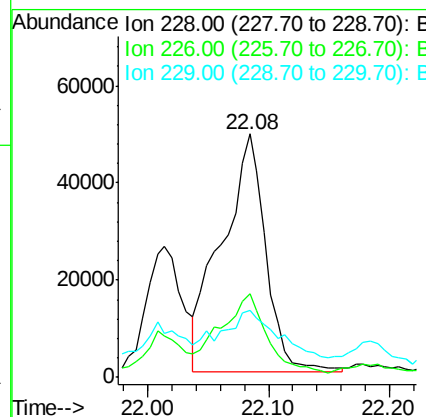
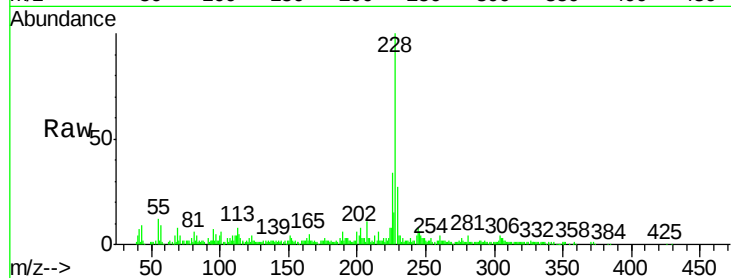
ClientSampleId :

E7GB9

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	123763		
226	34.2	24.0	36.0	
229	27.3	16.9	25.3	

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 3.906 ng/ul m

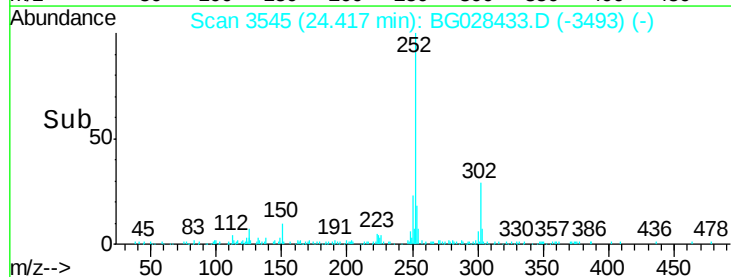
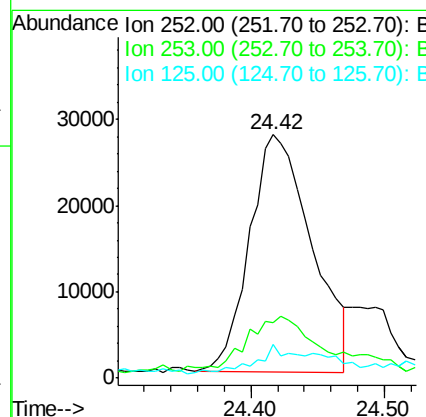
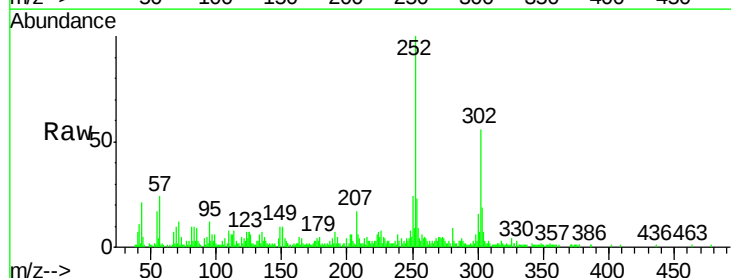
RT: 24.42 min Scan# 3545

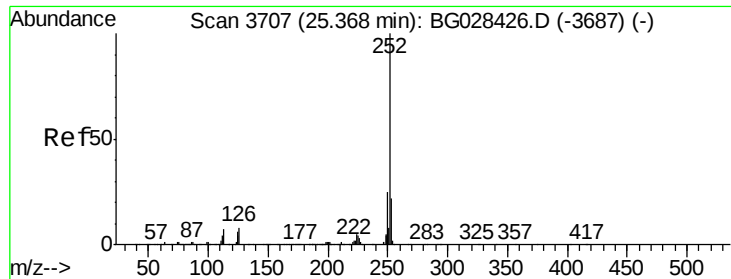
Delta R.T. 0.01 min

Lab File: BG028433.D

Acq: 23 Aug 2017 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	89255		
253	22.9	17.7	26.5	
125	6.8	4.0	6.0	





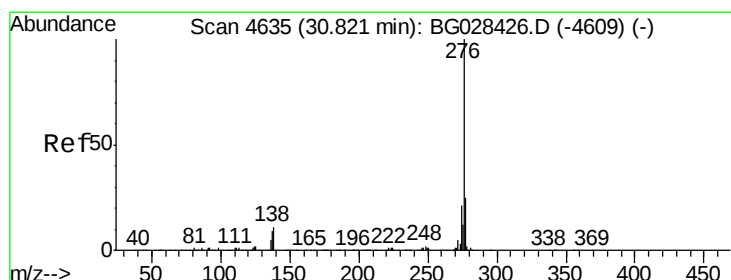
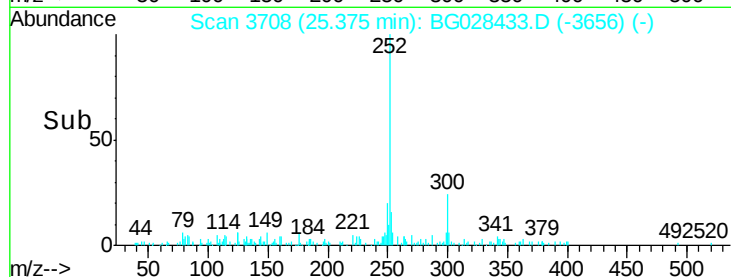
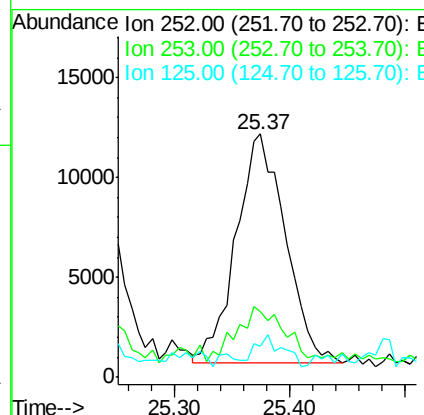
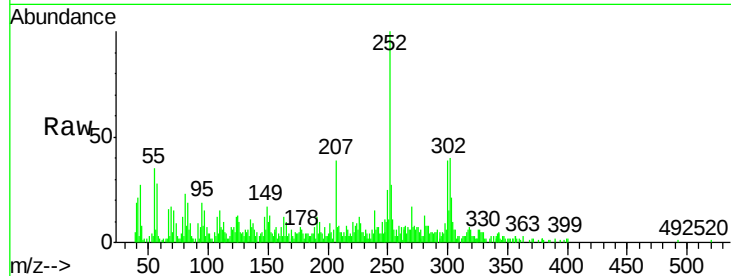
#88
Benzo(a)pyrene
Concen: 1.532 ng/ul
RT: 25.37 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Instrument :
BNA_G
ClientSampleId :
E7GB9

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	26.9	17.8	26.6#
125	12.9	5.4	8.0#

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:33 PM



#91
Benzo(g,h,i)perylene
Concen: 2.041 ng/ul
RT: 30.84 min Scan# 4638
Delta R.T. 0.02 min
Lab File: BG028433.D
Acq: 23 Aug 2017 1:17

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	12.6	8.6	12.8
277	26.8	17.6	26.4#

