

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028356.D
 Acq On : 15 Aug 2017 23:19
 Operator : SJ/JU
 Sample : I4672-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG5

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:41:03 PM

Quant Time: Aug 16 04:32:28 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	46117	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	221418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	156427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	358428	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	404155	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	384754	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3172	3.20	ng/uL	0.00
5) Phenol-d5	7.52	99	106132	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	62885	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	77481	24.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	86811	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	41491	23.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	48513	25.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	91673	23.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	63485	14.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	320521	23.04	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	379354	24.18	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	39752	17.97	ng/ul	0.00
57) Fluorene-d10	15.95	176	284471	22.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	49973	21.46	ng/ul	0.00
70) Anthracene-d10	17.81	188	450845	26.23	ng/ul	0.00
76) Pyrene-d10	20.09	212	510446	24.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	464002	25.76	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	11.23	128	16881	1.539	ng/ul	98
34) 2-Methylnaphthalene	12.81	142	14149	1.606	ng/ul	93
44) Dimethylphthalate	14.40	163	83564	6.523	ng/ul	99
69) Phenanthrene	17.76	178	150410	8.338	ng/ul	97
71) Anthracene	17.85	178	26982	1.464	ng/ul	99
74) Fluoranthene	19.75	202	368304	16.801	ng/ul	100
77) Pyrene	20.12	202	309816	12.849	ng/ul	99
80) Benzo(a)anthracene	22.03	228	209880	8.988	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.87	149	14051	1.094	ng/ul#	88
82) Chrysene	22.09	228	191399	9.101	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	274321	11.915	ng/ul#	96
86) Benzo(k)fluoranthene	24.50	252	119934m	5.333	ng/ul	
88) Benzo(a)pyrene	25.39	252	191595	8.595	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.61	276	132281m	5.067	ng/ul	
91) Benzo(g,h,i)perylene	30.86	276	97547	4.542	ng/ul#	86

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

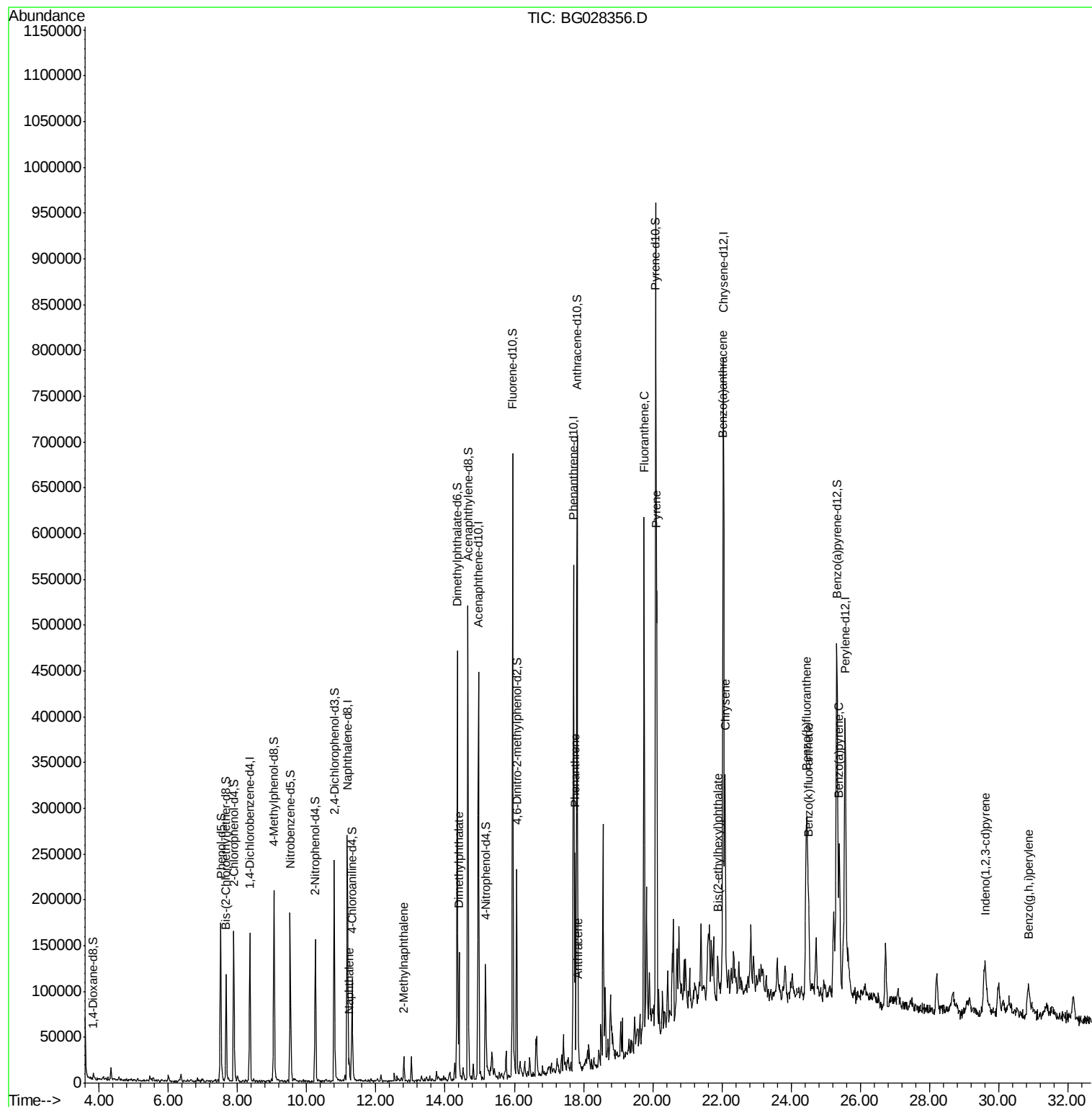
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028356.D
Acq On : 15 Aug 2017 23:19
Operator : SJ/JU
Sample : I4672-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

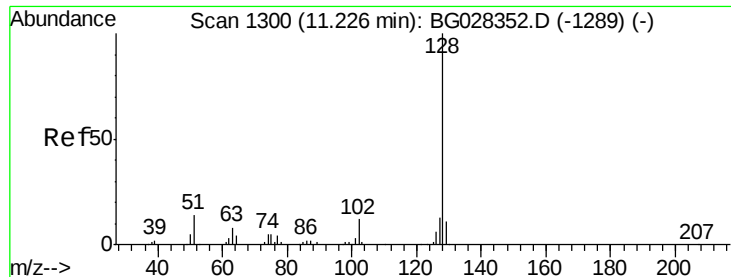
Instrument :
BNA_G
ClientSampleId :
C0AG5

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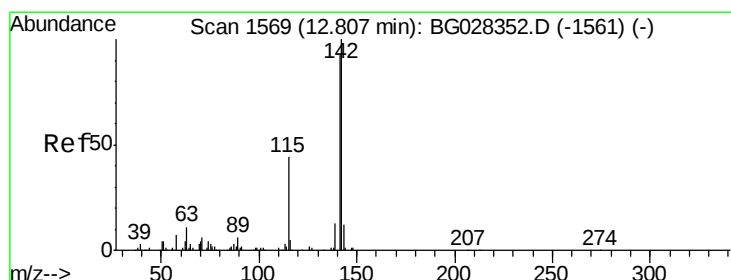
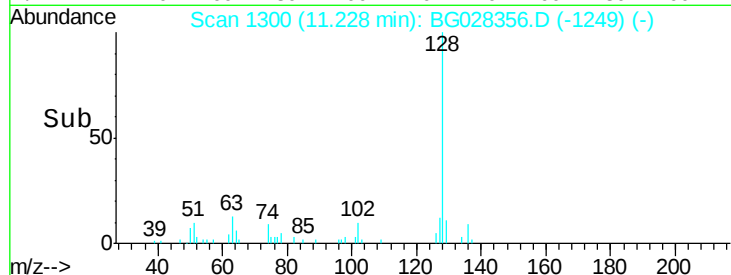
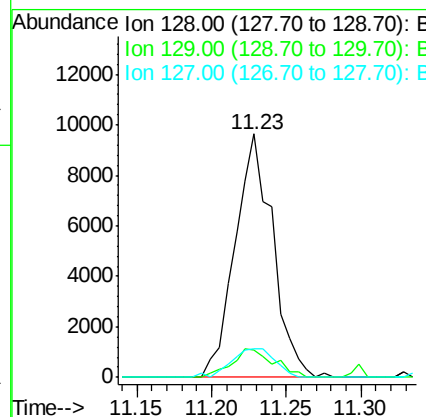
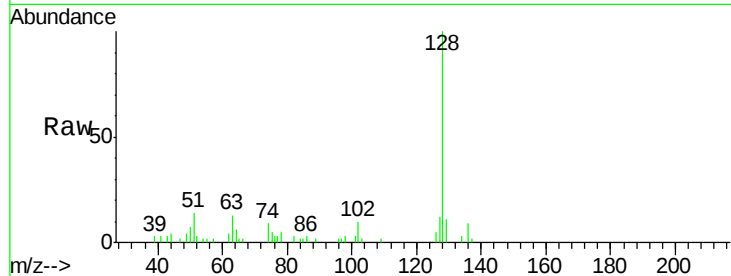
#28
Naphthalene
Concen: 1.539 ng/ul
RT: 11.23 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG028356.D
Acq: 15 Aug 2017 23:19

Instrument :
BNA_G
ClientSampleId :
C0AG5

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	11.6	10.3	15.5

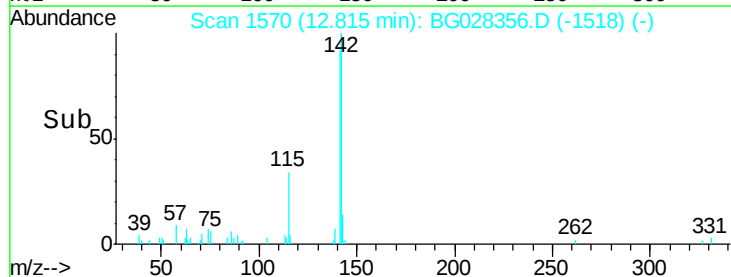
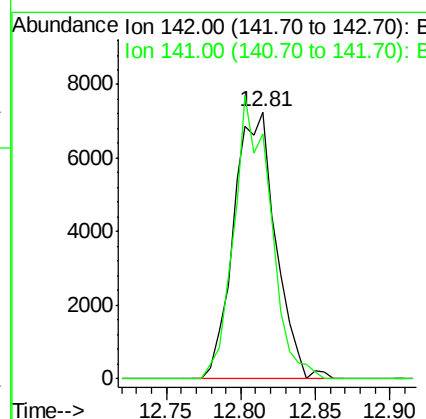
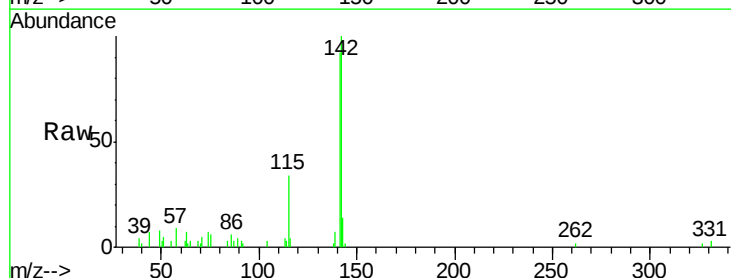
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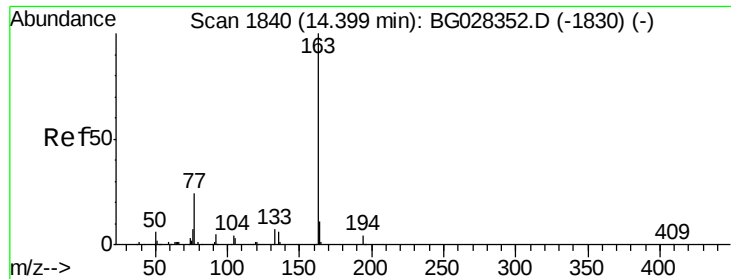
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#34
2-Methylnaphthalene
Concen: 1.606 ng/ul
RT: 12.81 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BG028356.D
Acq: 15 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	68.6	102.8





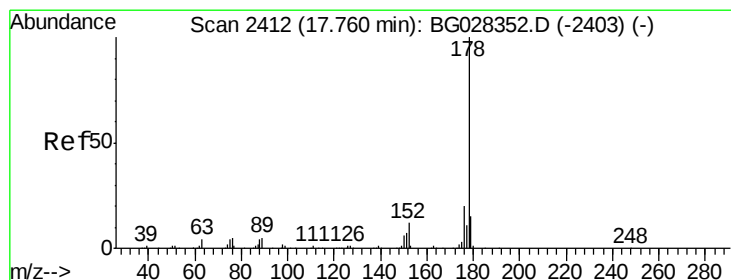
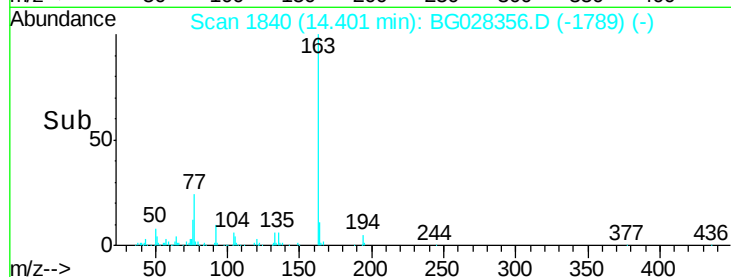
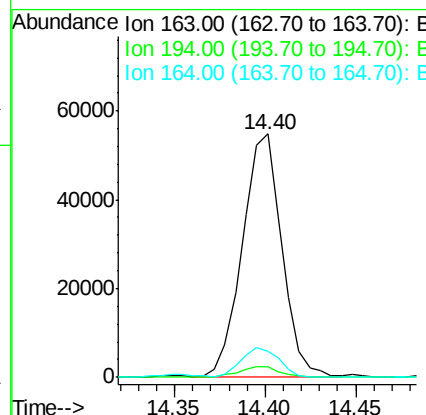
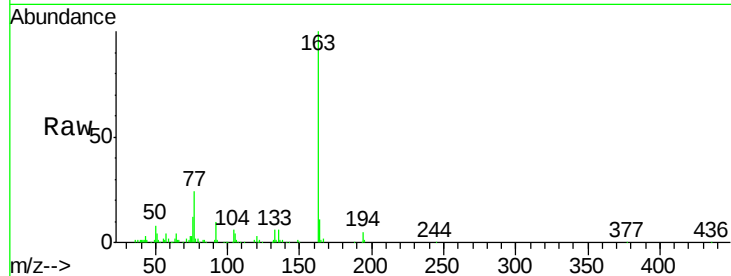
#44
Dimethylphthalate
Concen: 6.523 ng/ul
RT: 14.40 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BG028356.D
Acq: 15 Aug 2017 23:19

Instrument :
BNA_G
ClientSampleId :
C0AG5

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83564		
194	4.6		3.4	5.0
164	10.8		9.0	13.4

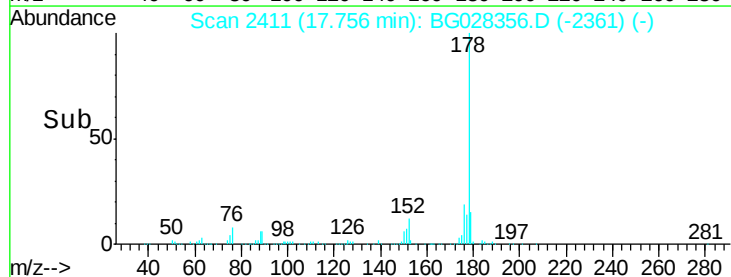
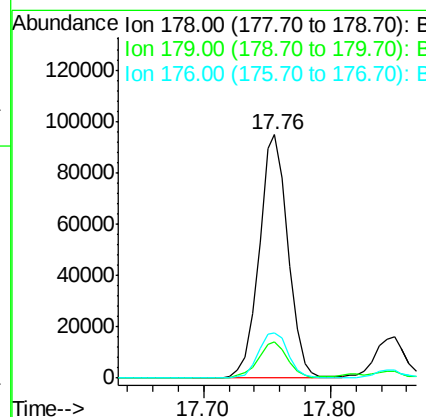
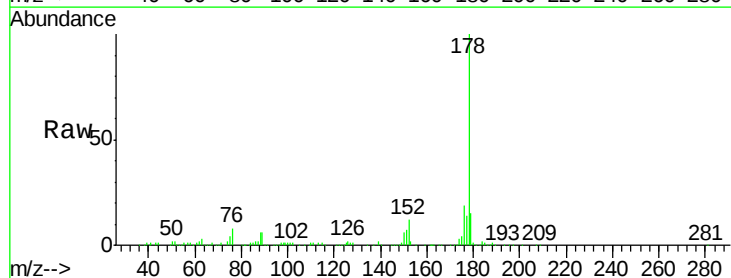
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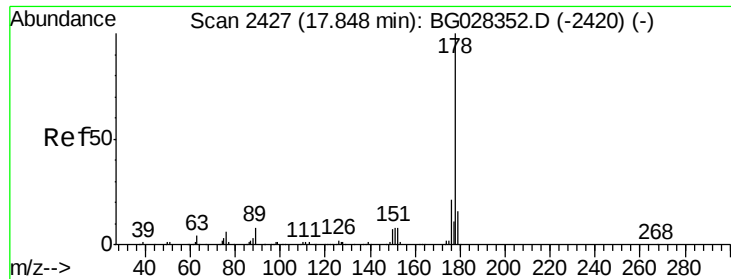
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#69
Phenanthrene
Concen: 8.338 ng/ul
RT: 17.76 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG028356.D
Acq: 15 Aug 2017 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	150410		
179	14.6		12.4	18.6
176	18.6		16.5	24.7





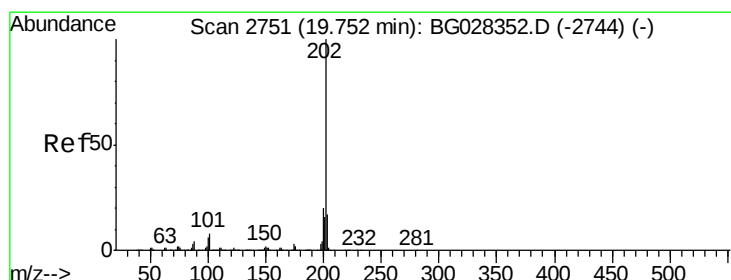
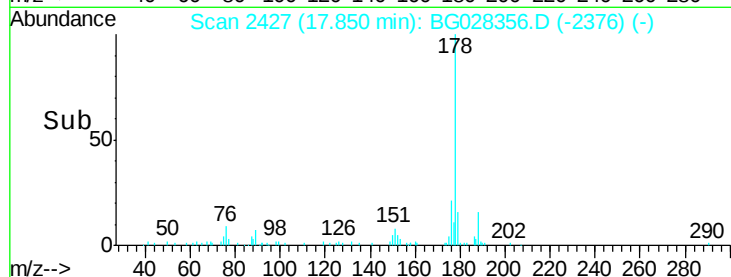
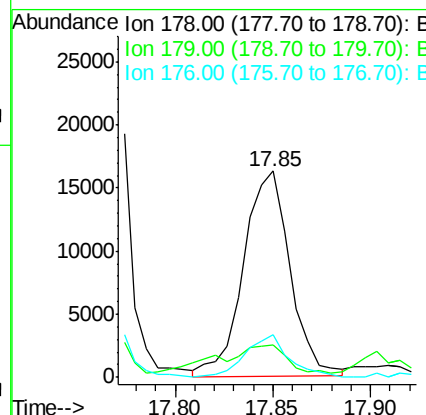
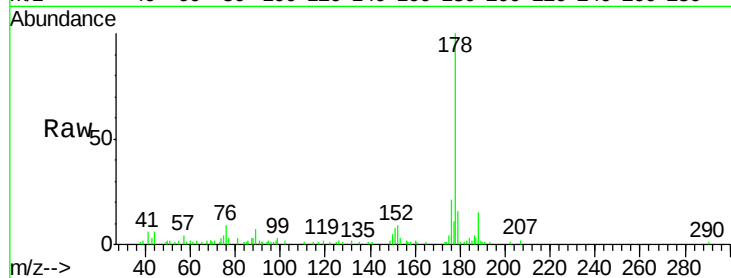
#71
 Anthracene
 Concen: 1.464 ng/ul
 RT: 17.85 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BG028356.D
 Acq: 15 Aug 2017 23:19

Instrument :
 BNA_G
 ClientSampled :
 C0AG5

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.8	15.9	23.9

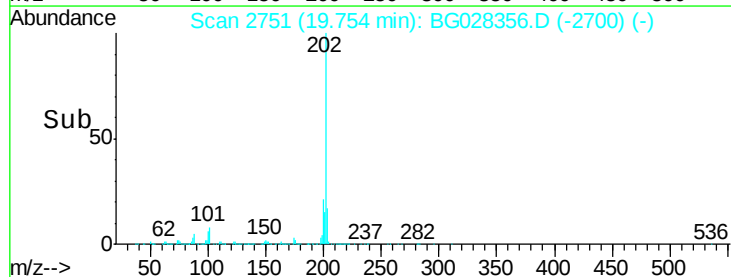
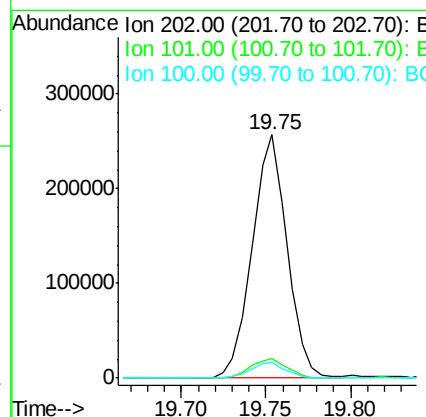
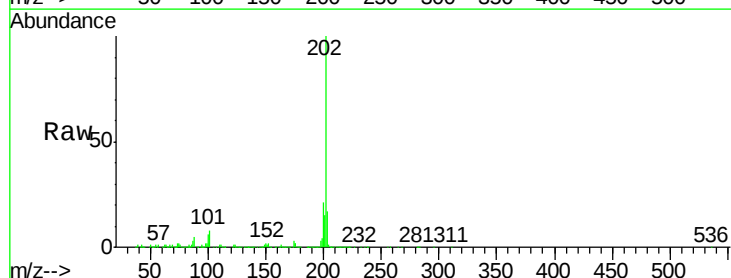
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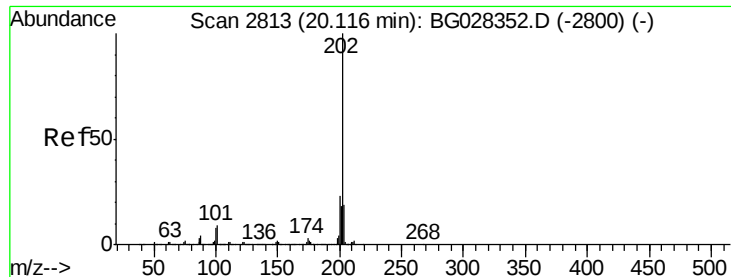
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#74
 Fluoranthene
 Concen: 16.801 ng/ul
 RT: 19.75 min Scan# 2751
 Delta R.T. 0.00 min
 Lab File: BG028356.D
 Acq: 15 Aug 2017 23:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.2
100	6.3	5.2	7.8





#77

Pyrene

Concen: 12.849 ng/ul

RT: 20.12 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG028356.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_G

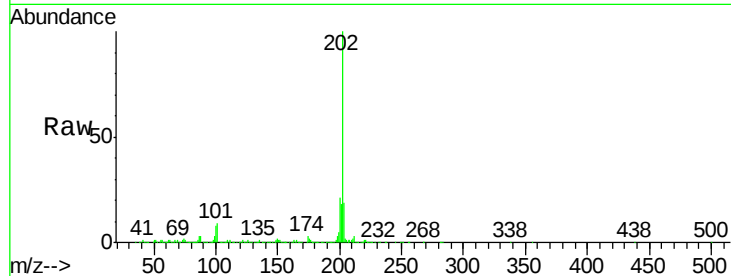
ClientSampled :

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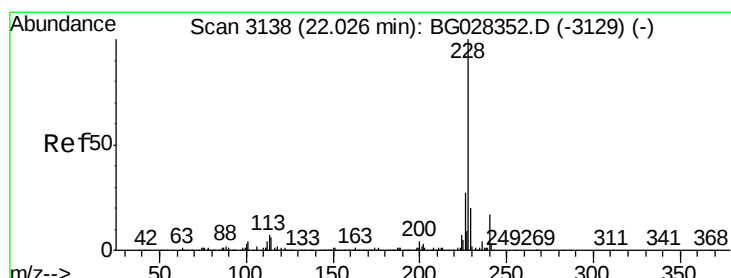
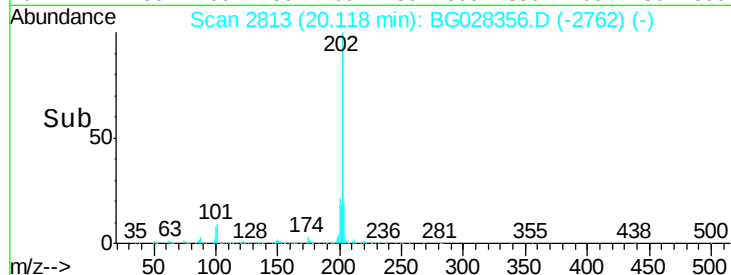
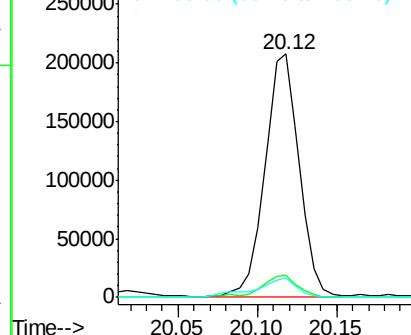
Tgt	Ion	202	Resp:	309816
	Ion	Ratio	Lower	Upper
	202	100		
	101	9.3	6.9	10.3
	100	7.9	6.6	10.0

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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): B



#80

Benzo(a)anthracene

Concen: 8.988 ng/ul

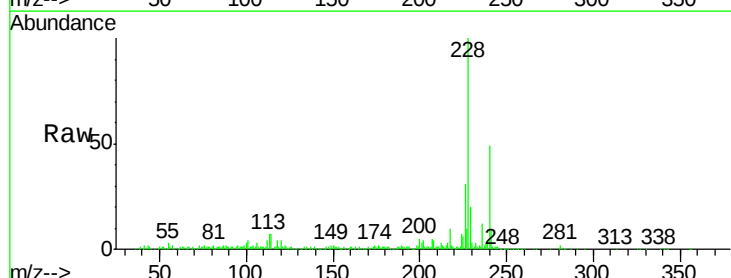
RT: 22.03 min Scan# 3138

Delta R.T. 0.00 min

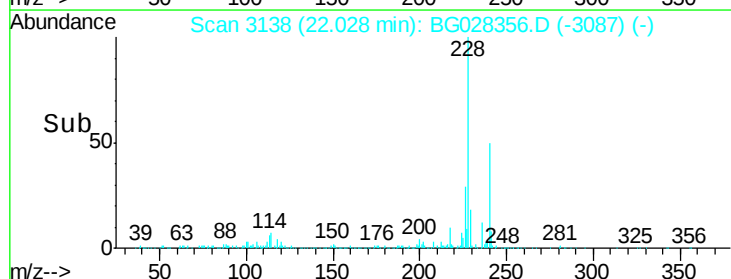
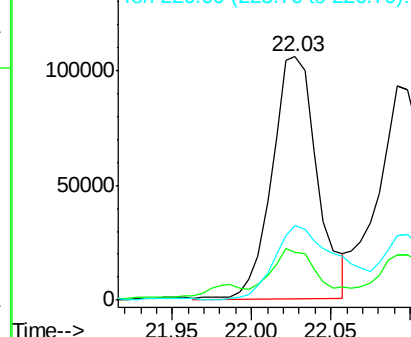
Lab File: BG028356.D

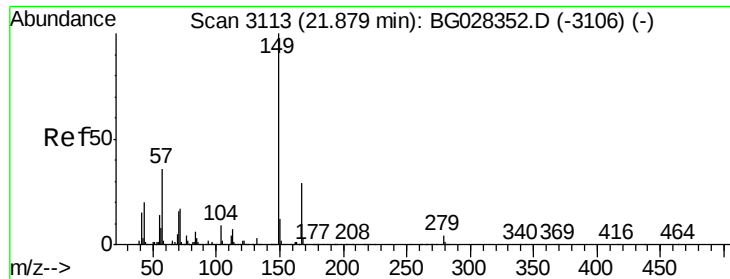
Acq: 15 Aug 2017 23:19

Tgt	Ion	228	Resp:	209880
	Ion	Ratio	Lower	Upper
	228	100		
	229	19.6	16.3	24.5
	226	30.8	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





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.094 ng/ul

RT: 21.87 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BG028356.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_G

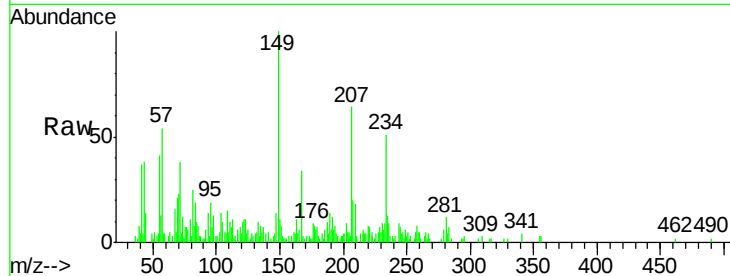
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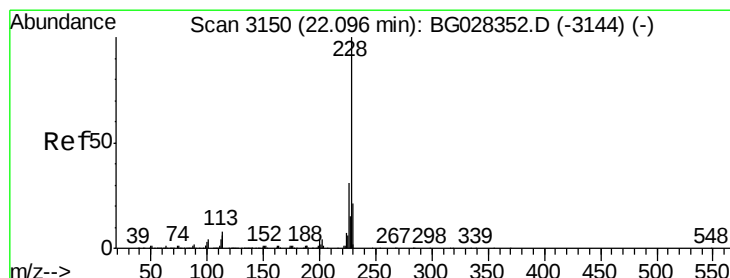
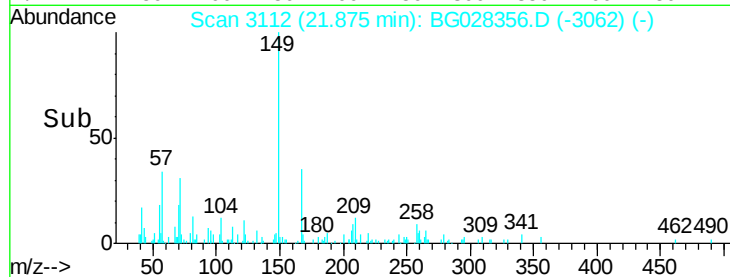
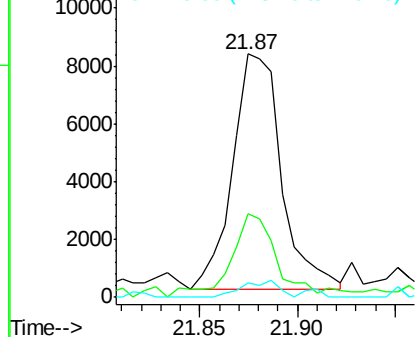
Tgt Ion:	149	Resp:	14051
Ion Ratio	Lower	Upper	
149	100		
167	34.5	21.8	32.8#
279	5.8	4.5	6.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 9.101 ng/ul

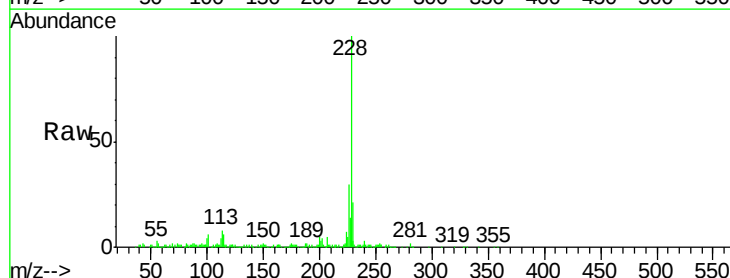
RT: 22.09 min Scan# 3149

Delta R.T. -0.00 min

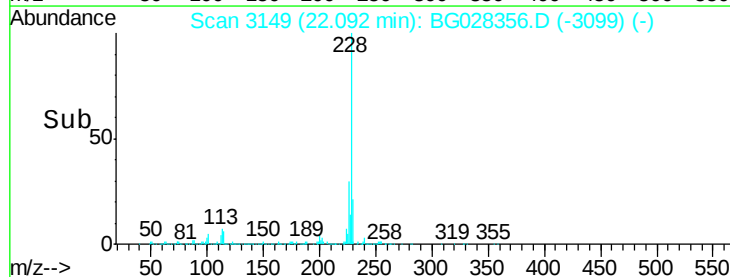
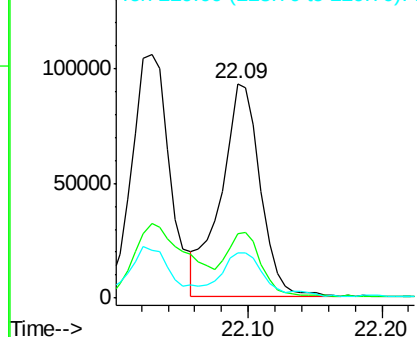
Lab File: BG028356.D

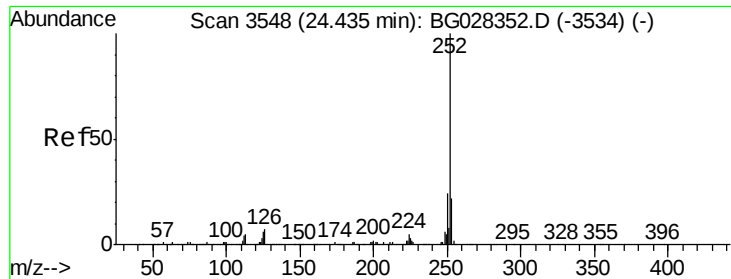
Acq: 15 Aug 2017 23:19

Tgt Ion:	228	Resp:	191399
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.0	36.0
229	21.4	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 11.915 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BG028356.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_G

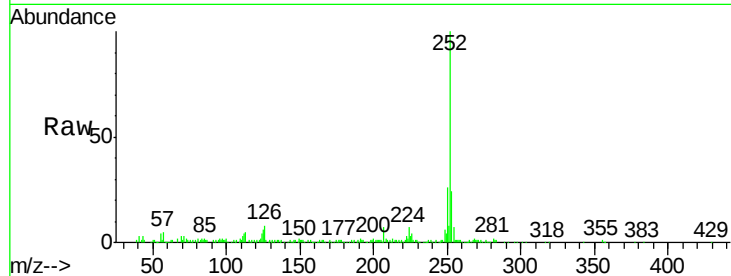
ClientSampled :

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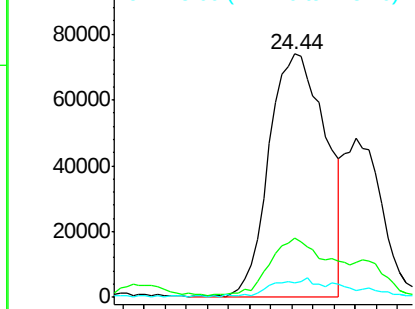
Tgt Ion:	252	Resp:	274321
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	6.1	4.0	6.0#

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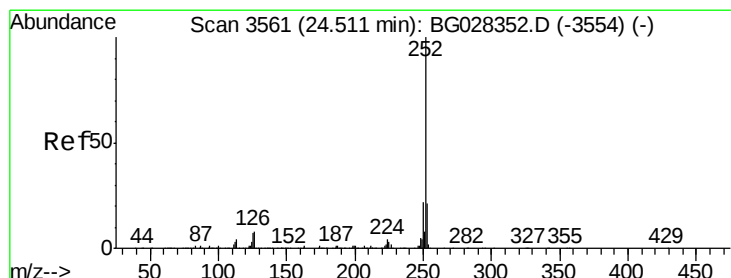
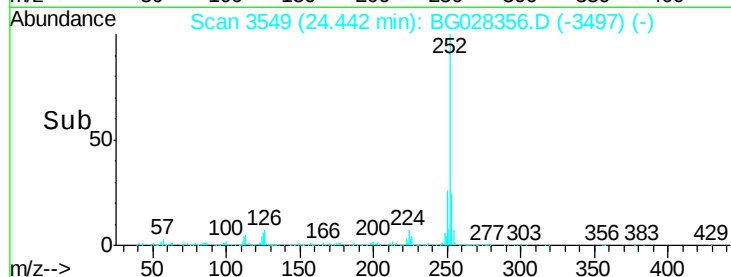
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#86

Benzo(k)fluoranthene

Concen: 5.333 ng/ul m

RT: 24.50 min Scan# 3559

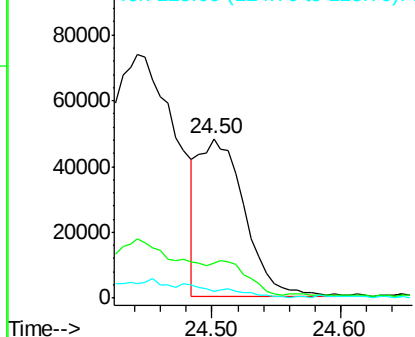
Delta R.T. -0.01 min

Lab File: BG028356.D

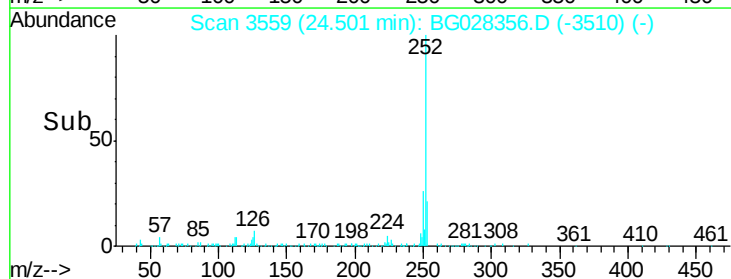
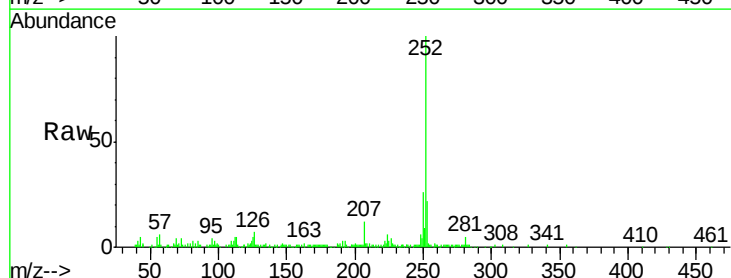
Acq: 15 Aug 2017 23:19

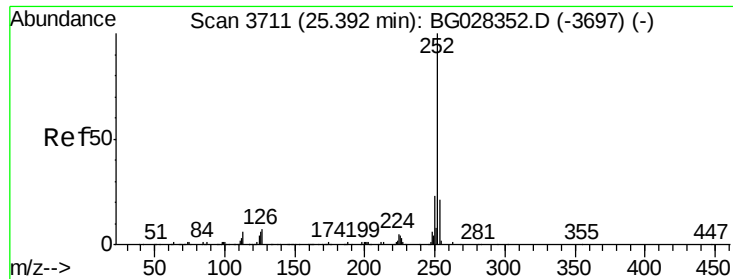
Tgt Ion:	252	Resp:	119934
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.5	27.7
125	4.7	4.1	6.1

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



Time-->





#88

Benzo(a)pyrene

Concen: 8.595 ng/ul

RT: 25.39 min Scan# 3710

Delta R.T. -0.00 min

Lab File: BG028356.D

Acq: 15 Aug 2017 23:19

Instrument :

BNA_G

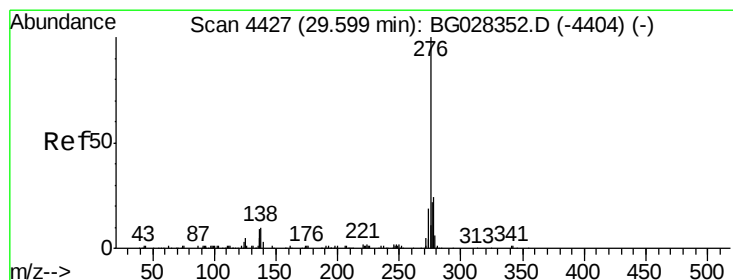
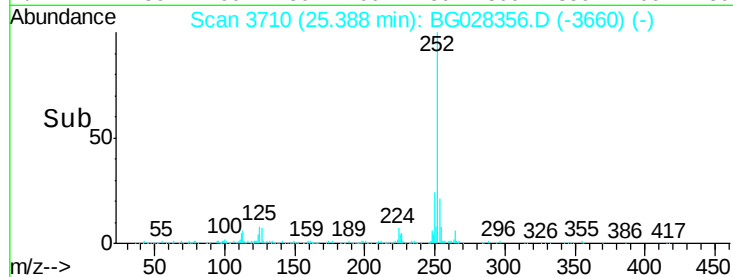
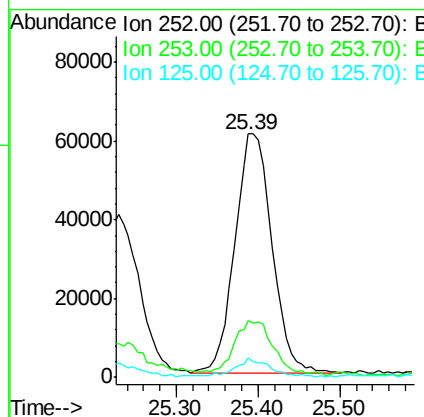
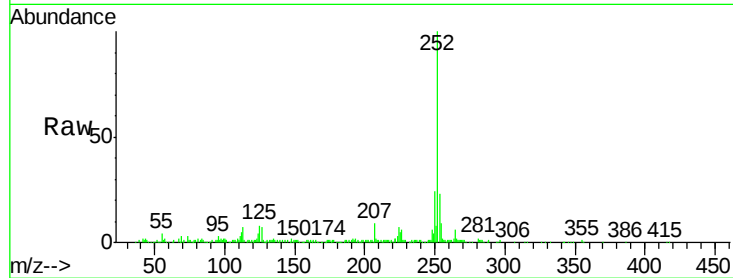
ClientSampleId :

C0AG5

Tgt Ion:	252	Resp:	191595
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.8	26.6
125	7.9	5.4	8.0

Manual Integrations
APPROVED

Sohil
8/16/2017 6:41:03 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.067 ng/ul m

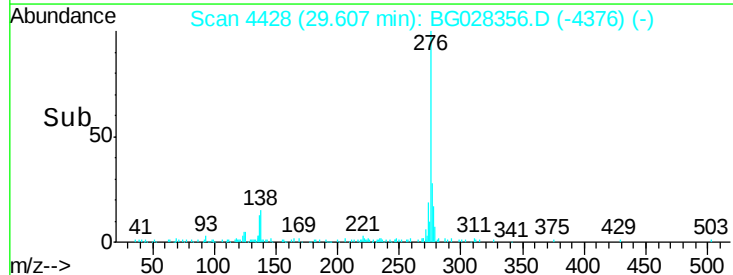
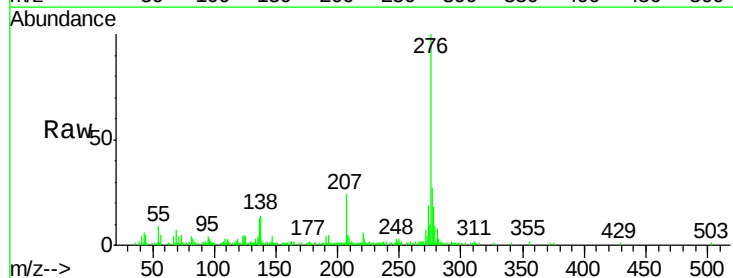
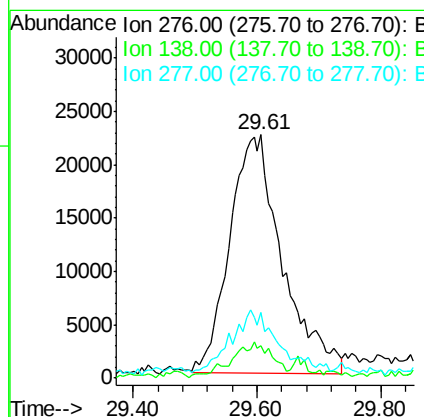
RT: 29.61 min Scan# 4428

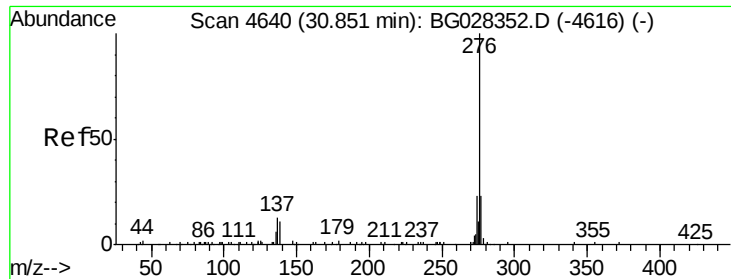
Delta R.T. 0.01 min

Lab File: BG028356.D

Acq: 15 Aug 2017 23:19

Tgt Ion:	276	Resp:	132281
Ion Ratio		Lower	Upper
276	100		
138	13.5	8.2	12.4#
277	27.0	18.6	28.0





#91
 Benzo(g,h,i)perylene
 Concen: 4.542 ng/ul
 RT: 30.86 min Scan# 4641
 Delta R.T. 0.01 min
 Lab File: BG028356.D
 Acq: 15 Aug 2017 23:19

Instrument :
 BNA_G
 ClientSampleId :
 C0AG5

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	8.6	12.8#
277	27.8	17.6	26.4#

Manual Integrations
 APPROVED

Sohil
 8/16/2017 6:41:03 PM

