

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028427.D
 Acq On : 22 Aug 2017 21:18
 Operator : SJ/JU
 Sample : I4714-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 E7GD3DL

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:22 PM

Quant Time: Aug 23 13:50:14 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	8.34	152	39438	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	187520	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	145542	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	346185m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	380180	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	367322	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	835m	0.99	ng/uL	0.00
5) Phenol-d5	7.50	99	25554	5.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	16417	5.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	20013	7.32	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	22070	6.10	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	10706	7.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	12500	7.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	23863	7.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	24052	6.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	94175	7.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	105363	7.22	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	5057	2.46	ng/ul	0.02
57) Fluorene-d10	15.94	176	83089	7.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	5817	2.59	ng/ul	0.00
70) Anthracene-d10	17.80	188	130035	7.83	ng/ul	0.00
76) Pyrene-d10	20.08	212	153499	7.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	137368	7.99	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	14.38	163	26962	2.262 ng/ul#	97
69) Phenanthrene	17.74	178	414605m	23.798 ng/ul	
71) Anthracene	17.83	178	31412	1.764 ng/ul	99
72) Carbazole	18.10	167	58424	3.773 ng/ul	99
74) Fluoranthene	19.74	202	1142188	53.946 ng/ul	99
77) Pyrene	20.11	202	879225	38.763 ng/ul	98
80) Benzo(a)anthracene	22.02	228	394375	17.953 ng/ul	98
82) Chrysene	22.09	228	514951	26.030 ng/ul	99
85) Benzo(b)fluoranthene	24.42	252	688550	31.325 ng/ul	99
86) Benzo(k)fluoranthene	24.48	252	247725m	11.538 ng/ul	
88) Benzo(a)pyrene	25.37	252	408929	19.214 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.56	276	346153	13.889 ng/ul	96
90) Dibenzo(a,h)anthracene	29.59	278	77602m	3.715 ng/ul	
91) Benzo(g,h,i)perylene	30.81	276	283484	13.826 ng/ul	97

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

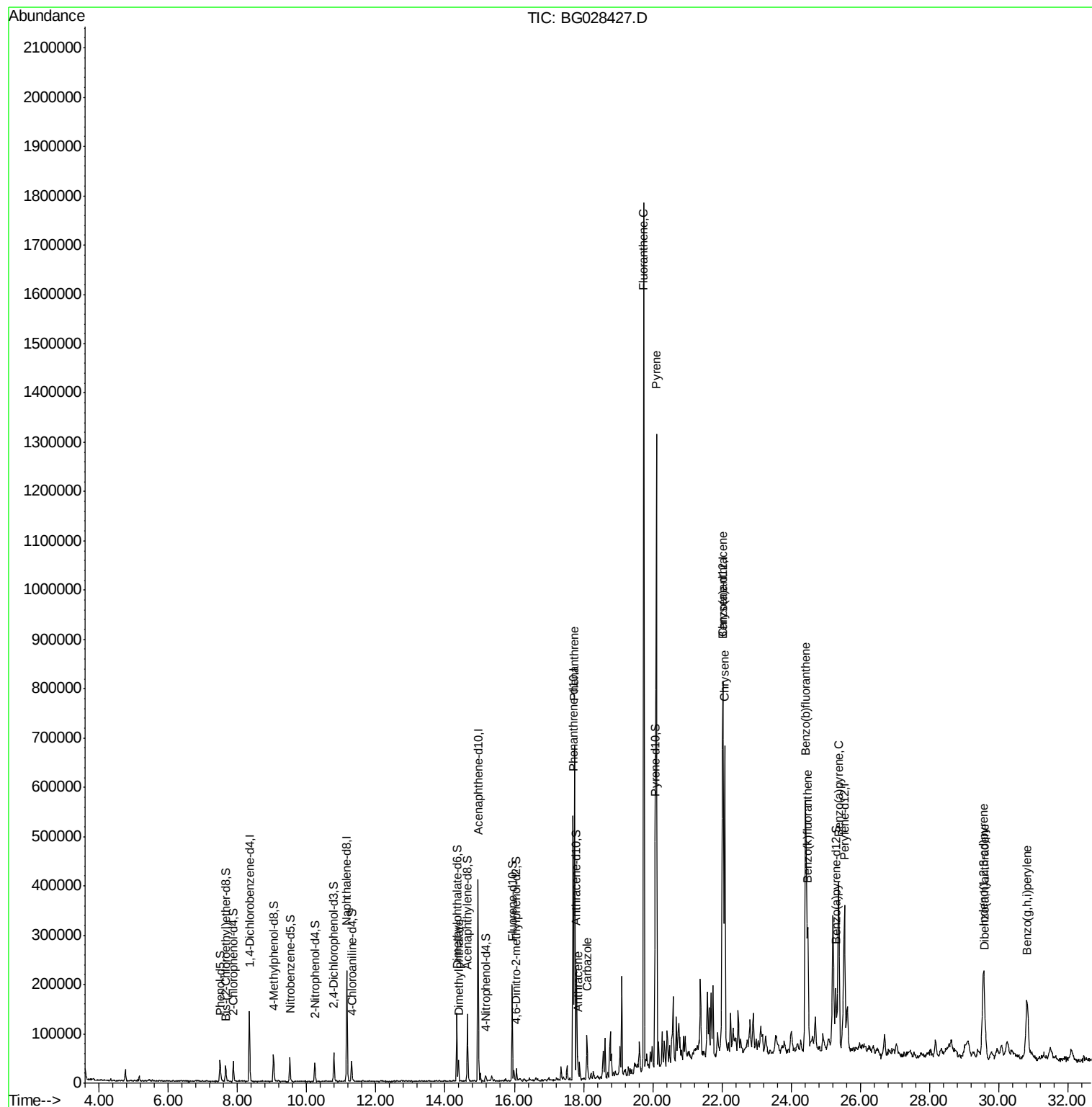
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028427.D
Acq On : 22 Aug 2017 21:18
Operator : SJ/JU
Sample : I4714-01DL 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

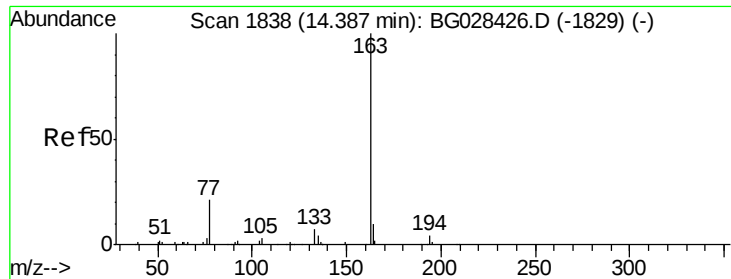
Instrument :
BNA_G
ClientSampleID :
E7GD3DL

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





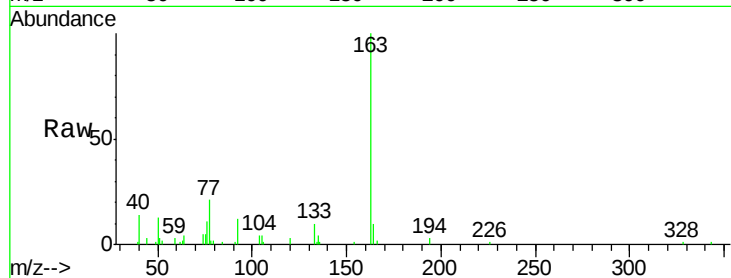
#44
Dimethylphthalate
Concen: 2.262 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028427.D
Acq: 22 Aug 2017 21:18

Instrument :
BNA_G
ClientSampleId :
E7GD3DL

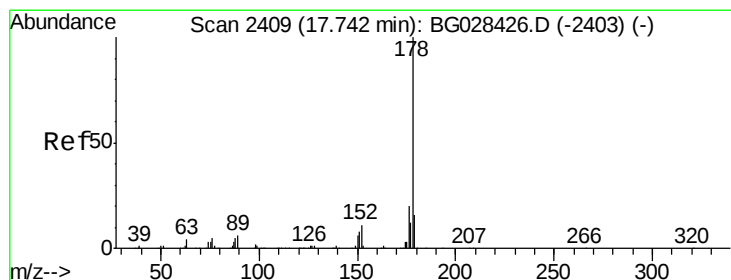
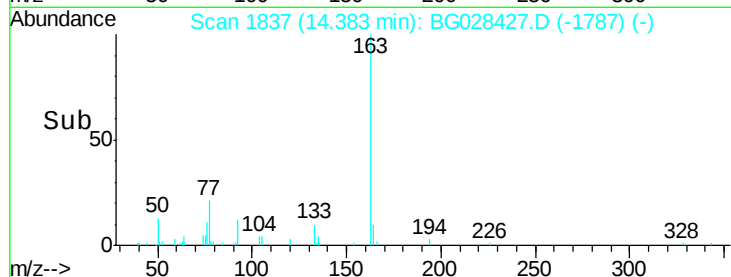
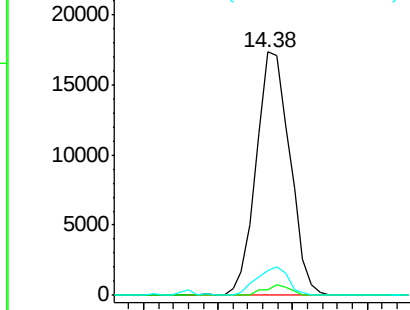
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	26962		
194	2.5	3.4	5.0	
164	10.1	9.0	13.4	

Manual Integrations
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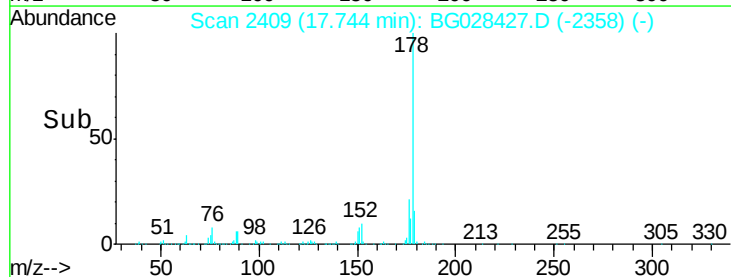
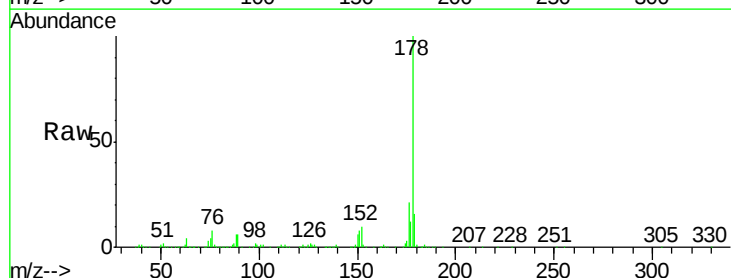
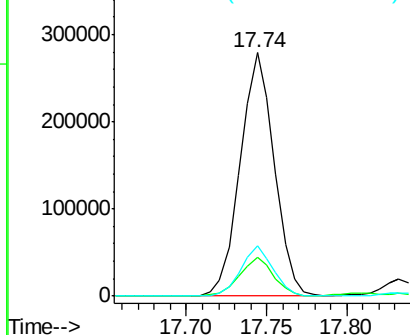
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

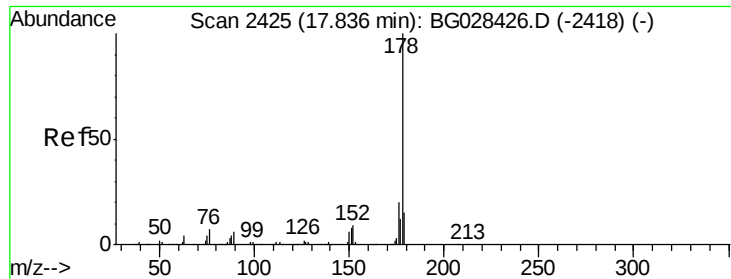


#69
Phenanthrene
Concen: 23.798 ng/ul m
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028427.D
Acq: 22 Aug 2017 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	414605		
179	15.9	12.4	18.6	
176	20.6	16.5	24.7	

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





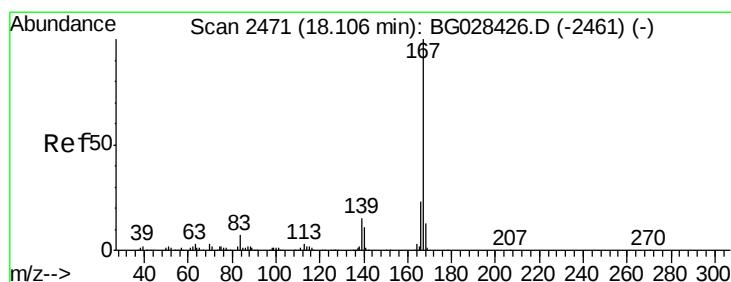
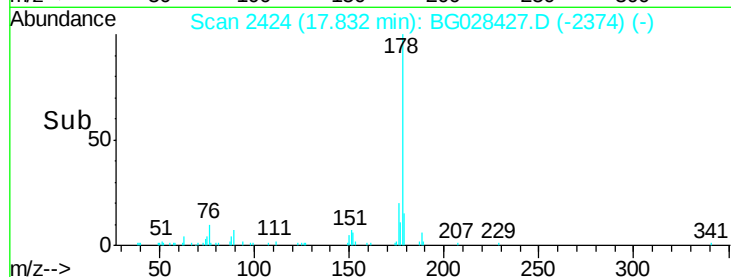
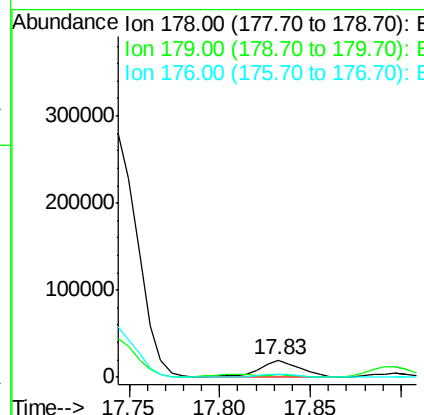
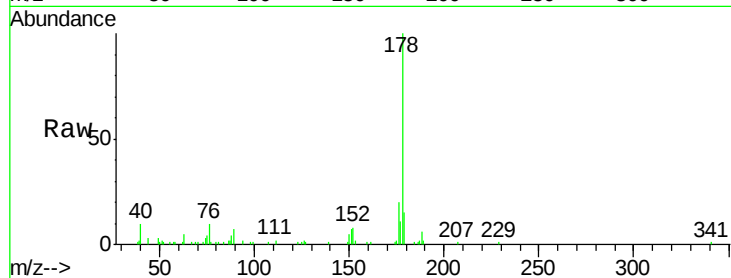
#71
 Anthracene
 Concen: 1.764 ng/ul
 RT: 17.83 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG028427.D
 Acq: 22 Aug 2017 21:18

Instrument :
 BNA_G
 ClientSampleId :
 E7GD3DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	31412		
179	15.2		12.6	19.0
176	20.0		15.9	23.9

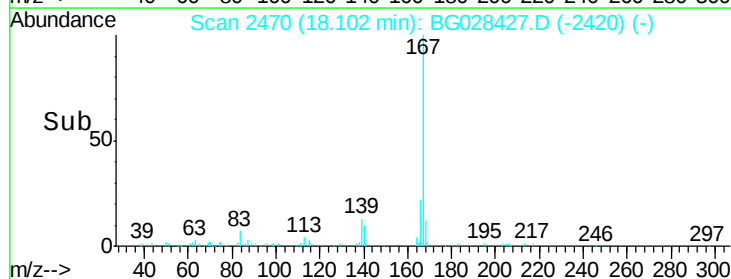
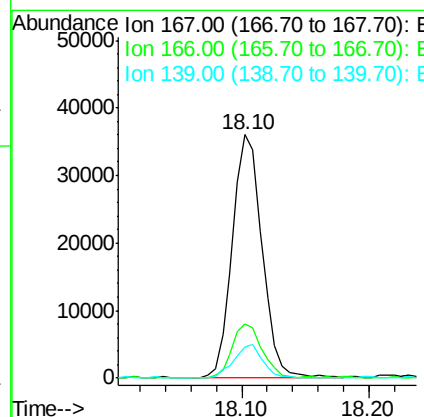
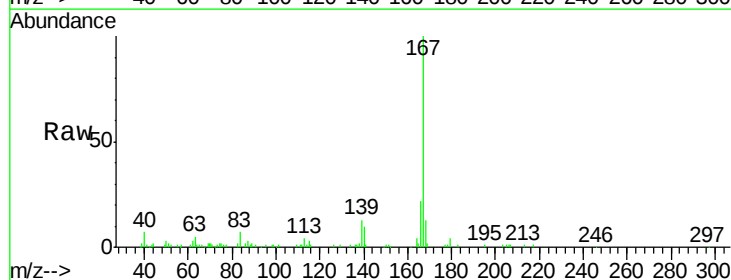
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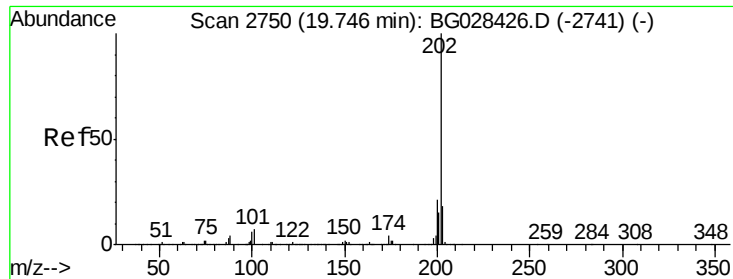
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#72
 Carbazole
 Concen: 3.773 ng/ul
 RT: 18.10 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG028427.D
 Acq: 22 Aug 2017 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	58424		
166	22.1		17.9	26.9
139	12.7		10.5	15.7





#74

Fluoranthene

Concen: 53.946 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Instrument :

BNA_G

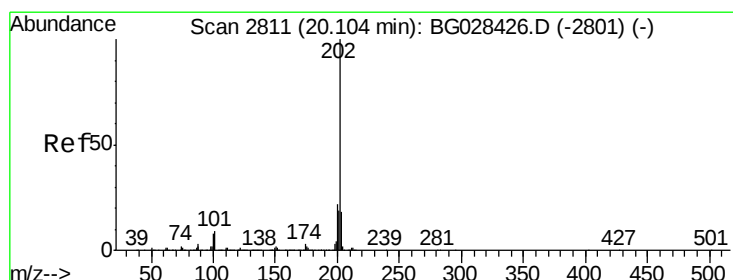
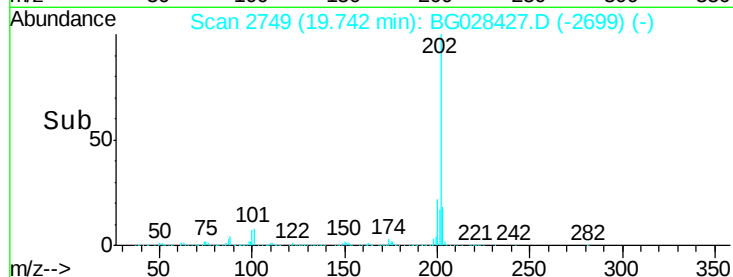
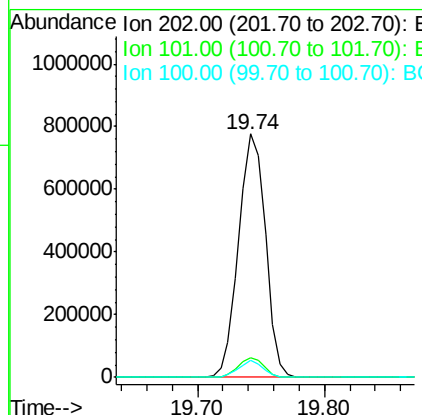
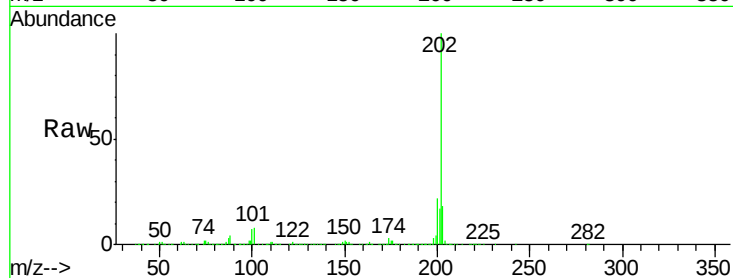
ClientSampled :

E7GD3DL

Tgt	Ion:202	Resp:	1142188
Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.2	9.2
100	6.8	5.2	7.8

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#77

Pyrene

Concen: 38.763 ng/ul

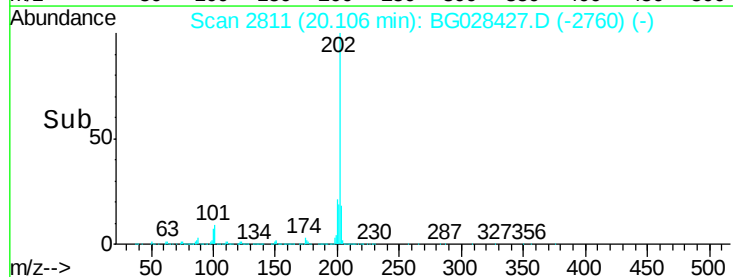
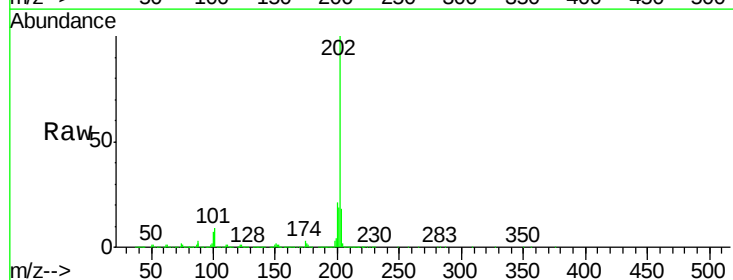
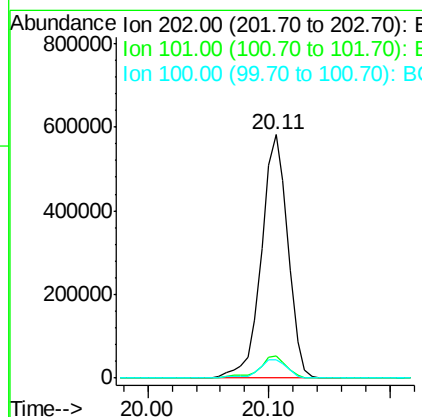
RT: 20.11 min Scan# 2811

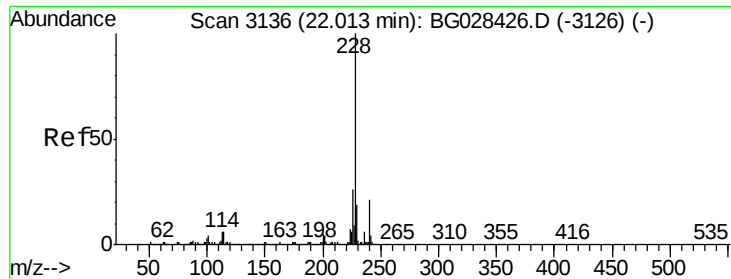
Delta R.T. 0.00 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Tgt	Ion:202	Resp:	879225
Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	7.4	6.6	10.0





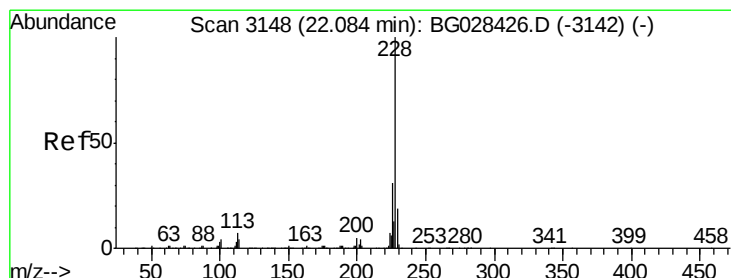
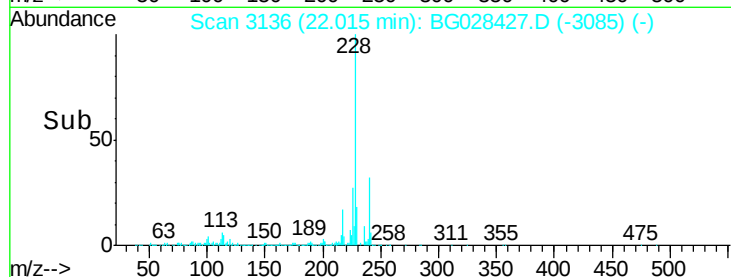
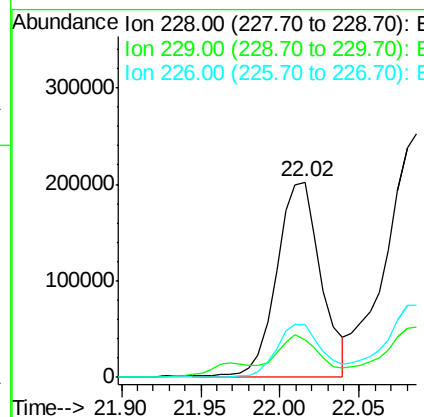
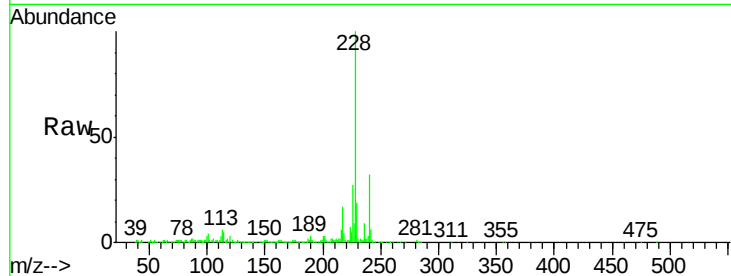
#80
Benzo(a)anthracene
Concen: 17.953 ng/u1
RT: 22.02 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG028427.D
Acq: 22 Aug 2017 21:18

Instrument :
BNA_G
ClientSampleId :
E7GD3DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.9	16.3	24.5
226	27.0	21.9	32.9

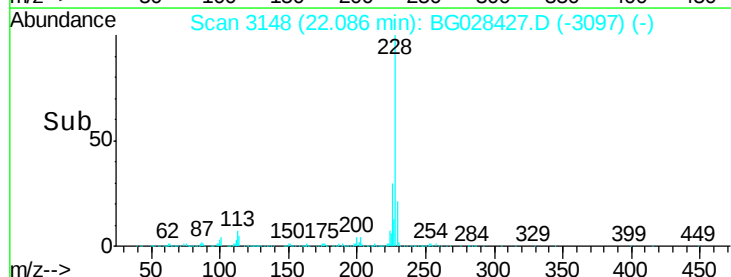
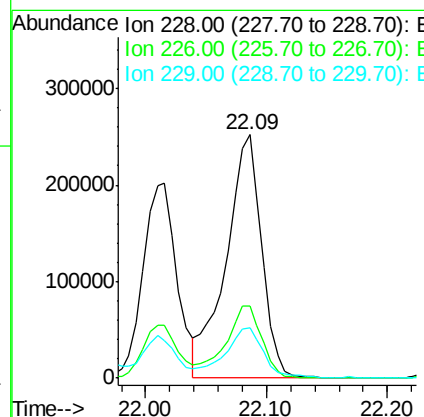
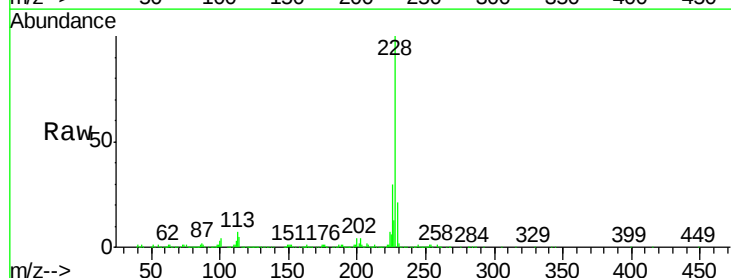
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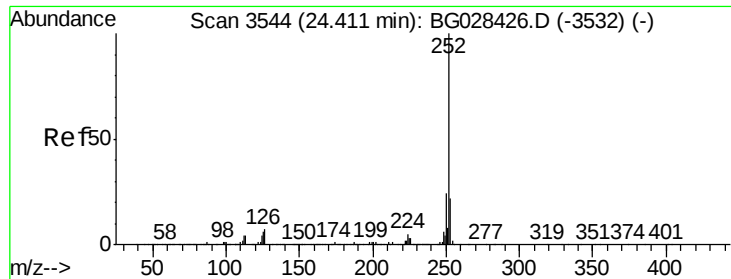
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#82
Chrysene
Concen: 26.030 ng/u1
RT: 22.09 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG028427.D
Acq: 22 Aug 2017 21:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.8	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 31.325 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Instrument :

BNA_G

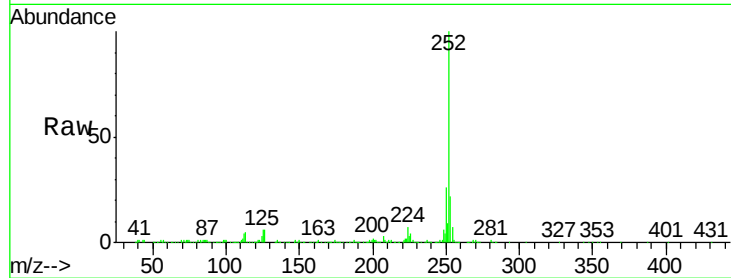
ClientSampled :

E7GD3DL

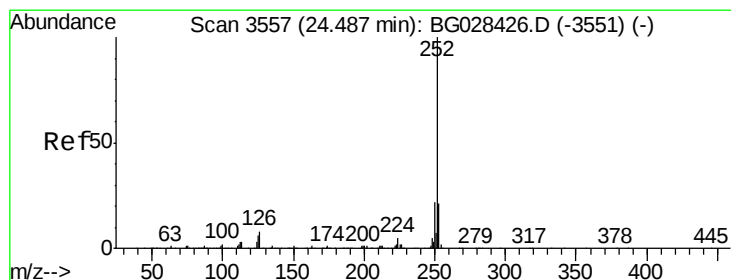
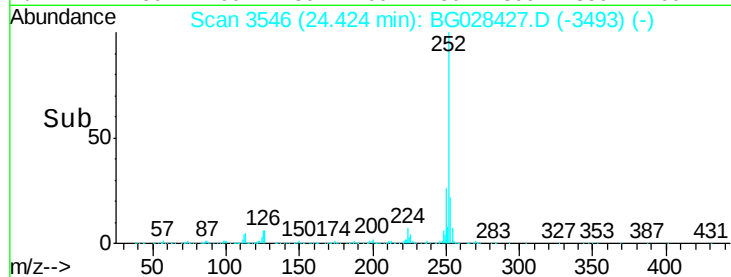
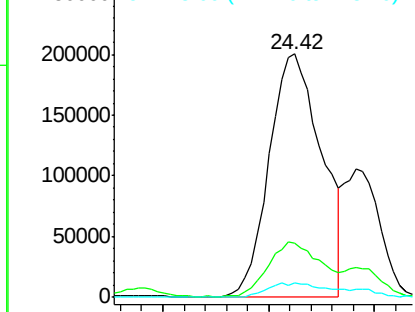
Tgt Ion:	252	Resp:	688550
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	6.0	4.0	6.0

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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



#86

Benzo(k)fluoranthene

Concen: 11.538 ng/ul m

RT: 24.48 min Scan# 3556

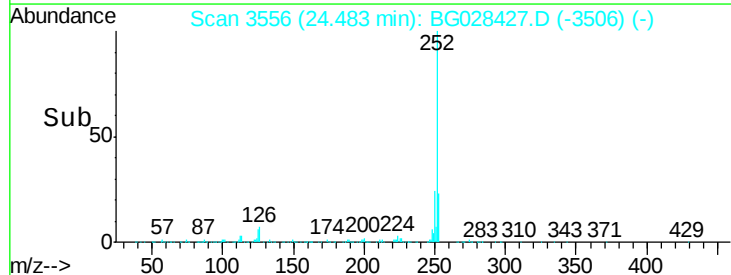
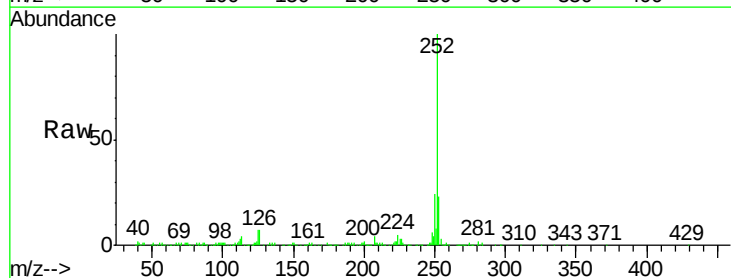
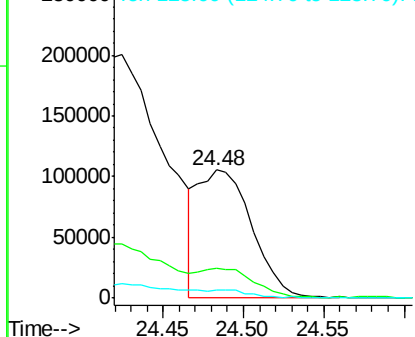
Delta R.T. -0.00 min

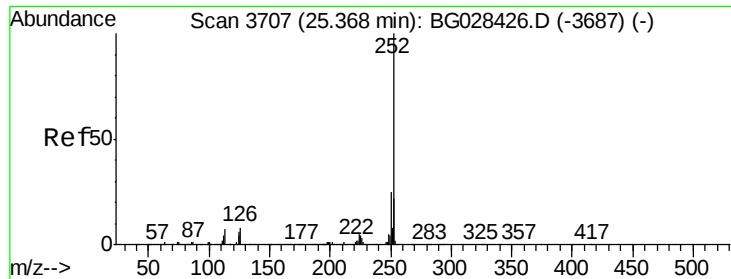
Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Tgt Ion:	252	Resp:	247725
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.5	27.7
125	6.6	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





#88

Benzo(a)pyrene

Concen: 19.214 ng/ul

RT: 25.37 min Scan# 3707

Delta R.T. 0.00 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Instrument :

BNA_G

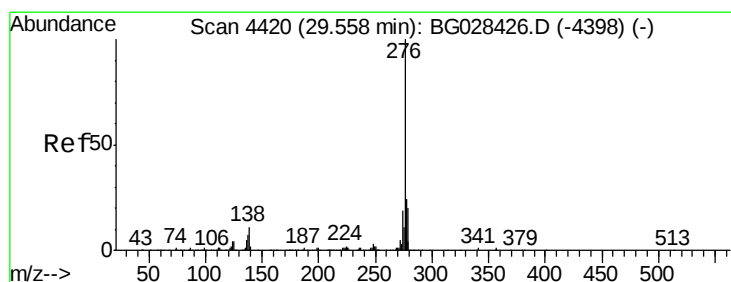
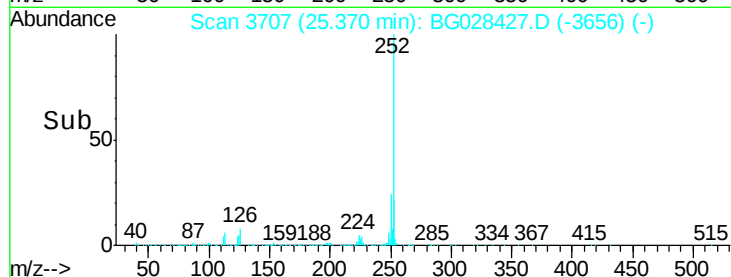
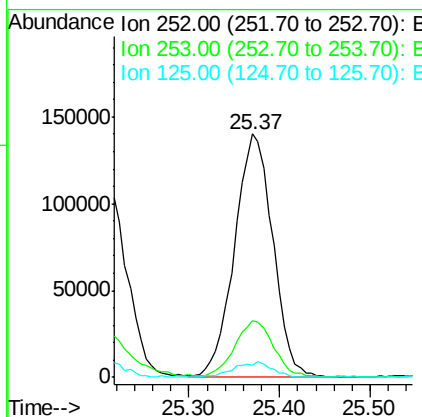
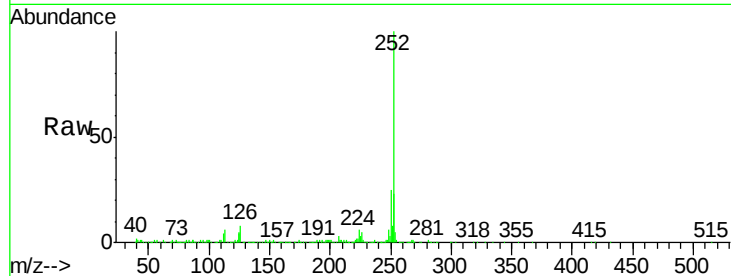
ClientSampleId :

E7GD3DL

Tgt Ion:	252	Resp:	408929
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.6
125	4.9	5.4	8.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 13.889 ng/ul

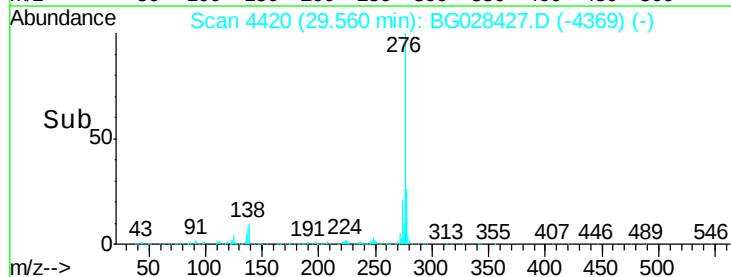
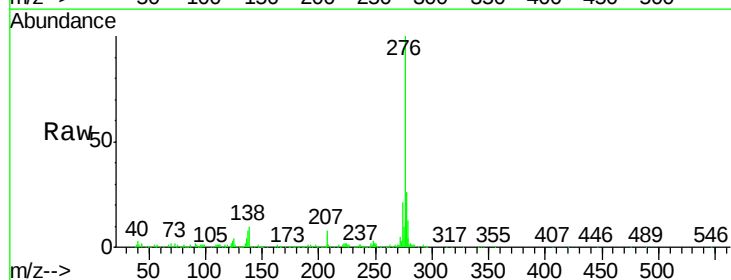
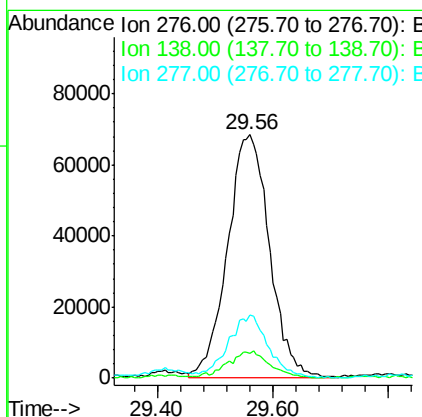
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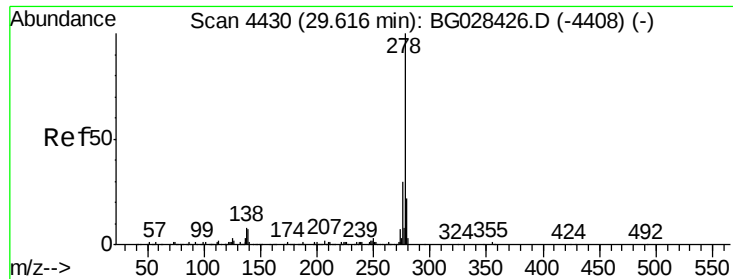
Delta R.T. 0.00 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Tgt Ion:	276	Resp:	346153
Ion Ratio	Lower	Upper	
276	100		
138	10.2	8.2	12.4
277	26.1	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 3.715 ng/ul m

RT: 29.59 min Scan# 4426

Delta R.T. -0.02 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Instrument :

BNA_G

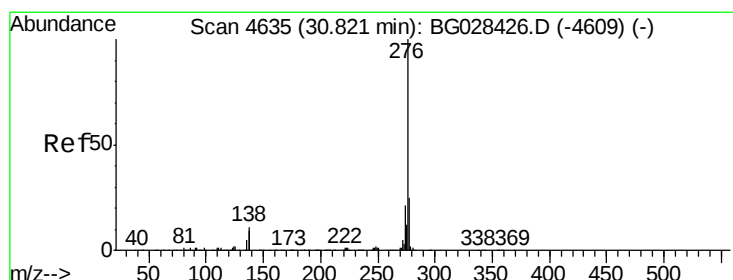
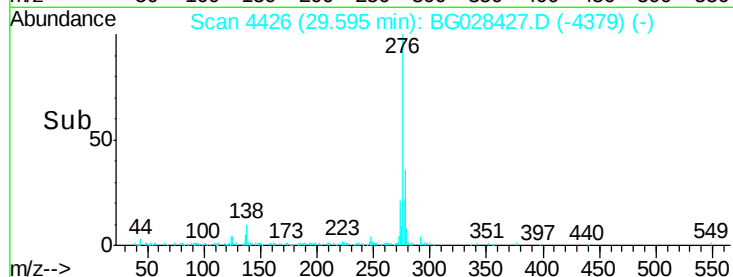
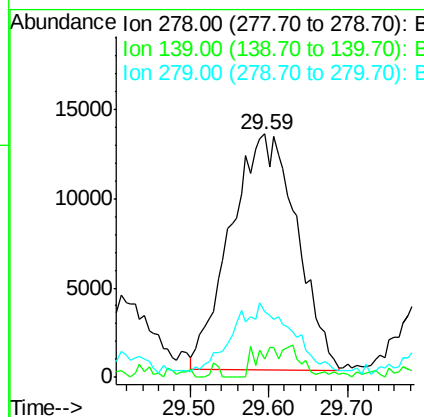
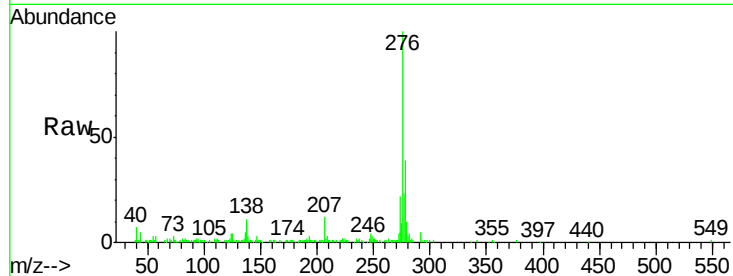
ClientSampleId :

E7GD3DL

Tgt Ion:	278	Resp:	77602
Ion Ratio	Lower	Upper	
278	100		
139	7.5	6.7	10.1
279	26.8	20.9	31.3

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:22 PM



#91

Benzo(g,h,i)perylene

Concen: 13.826 ng/ul

RT: 30.81 min Scan# 4633

Delta R.T. -0.01 min

Lab File: BG028427.D

Acq: 22 Aug 2017 21:18

Tgt Ion:	276	Resp:	283484
Ion Ratio	Lower	Upper	
276	100		
138	11.0	8.6	12.8
277	23.9	17.6	26.4

