

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028428.D
 Acq On : 22 Aug 2017 21:58
 Operator : SJ/JU
 Sample : I4827-07DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AB6DL

Manual Integrations
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Sohil
 8/23/2017 3:02:24 PM

Quant Time: Aug 23 07:32:26 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	39941	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	185247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	143028	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	341272	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	378083	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	377896	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	840	0.98	ng/uL	0.00
5) Phenol-d5	7.50	99	20462	4.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	13130	4.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	14395	5.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	18318	5.00	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	7458	5.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	8511	5.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	17815	5.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	16473	4.50	ng/ul	0.01
43) Dimethylphthalate-d6	14.34	166	72001	5.66	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	81167	5.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.18	143	887	0.44	ng/ul	0.03
57) Fluorene-d10	15.94	176	62901	5.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	1034	0.47	ng/ul	0.00
70) Anthracene-d10	17.80	188	97861	5.98	ng/ul	0.00
76) Pyrene-d10	20.07	212	114448	5.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	101616	5.74	ng/ul	0.00

Target Compounds

					Qvalue	
44) Dimethylphthalate	14.39	163	27757	2.370	ng/ul	98
49) Acenaphthene	15.02	153	11400	1.233	ng/ul#	70
58) Fluorene	15.99	166	14238	1.193	ng/ul	84
69) Phenanthrene	17.74	178	303426	17.667	ng/ul	99
71) Anthracene	17.84	178	52106	2.968	ng/ul	94
72) Carbazole	18.10	167	20102	1.317	ng/ul#	93
74) Fluoranthene	19.74	202	500462	23.977	ng/ul	98
77) Pyrene	20.10	202	491727	21.800	ng/ul	97
80) Benzo(a)anthracene	22.01	228	240772	11.022	ng/ul	98
82) Chrysene	22.08	228	251979	12.808	ng/ul	97
85) Benzo(b)fluoranthene	24.42	252	295172	13.053	ng/ul#	96
86) Benzo(k)fluoranthene	24.47	252	98287m	4.450	ng/ul	
88) Benzo(a)pyrene	25.36	252	227335	10.383	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.55	276	144540	5.637	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.60	278	39010	1.815	ng/ul#	88
91) Benzo(g,h,i)perylene	30.82	276	124895	5.921	ng/ul	100

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

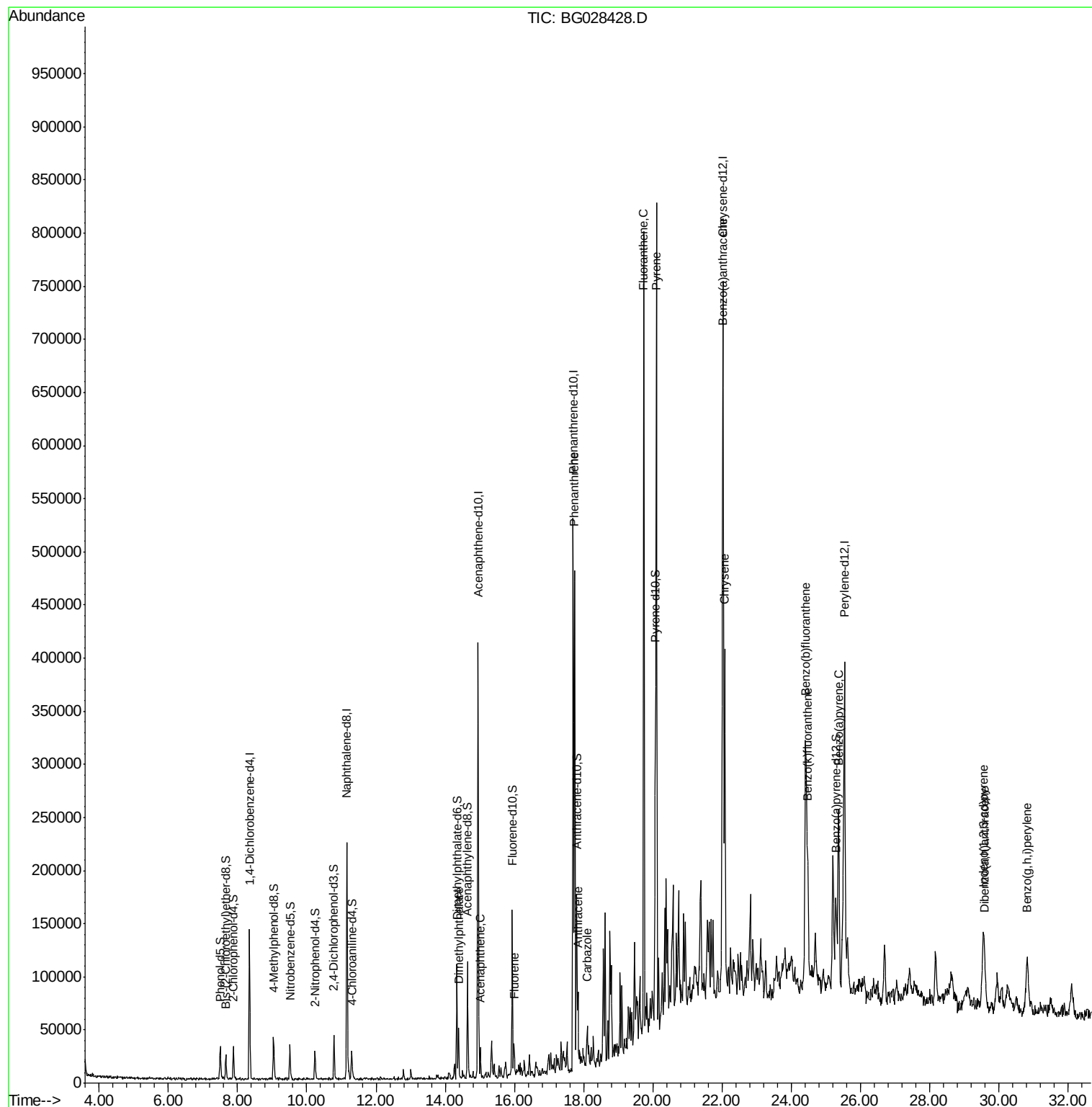
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028428.D
Acq On : 22 Aug 2017 21:58
Operator : SJ/JU
Sample : I4827-07DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

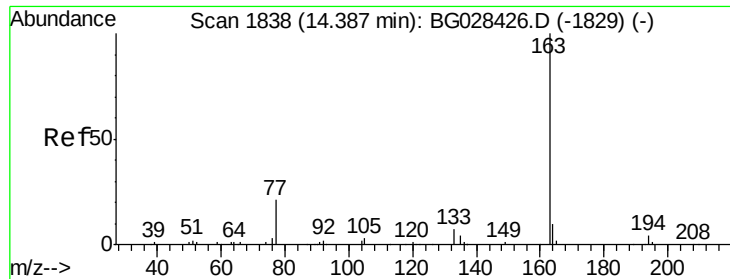
Instrument :
BNA_G
ClientSampleID :
B0AB6DL

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Quant Time: Aug 23 07:32:26 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
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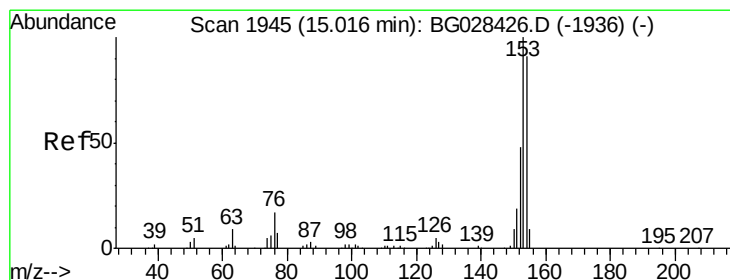
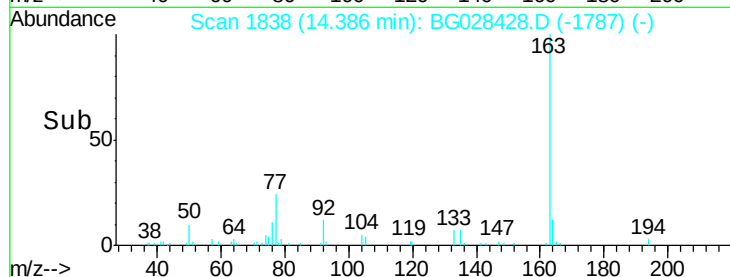
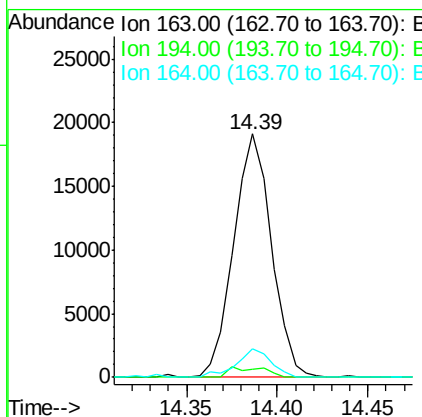
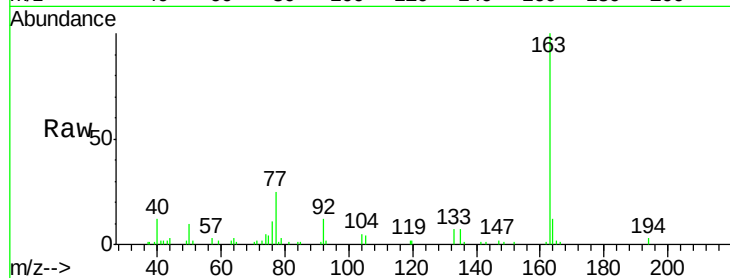
#44
Dimethylphthalate
Concen: 2.370 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028428.D
Acq: 22 Aug 2017 21:58

Instrument :
BNA_G
ClientSampleId :
B0AB6DL

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	12.0	9.0	13.4

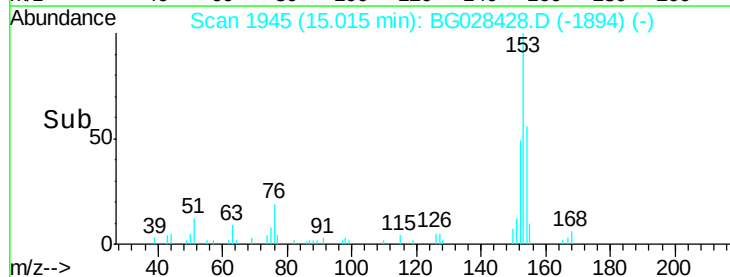
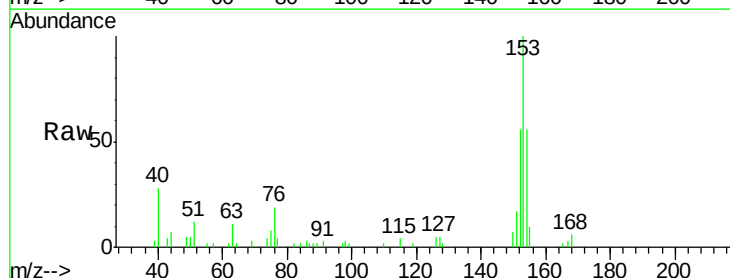
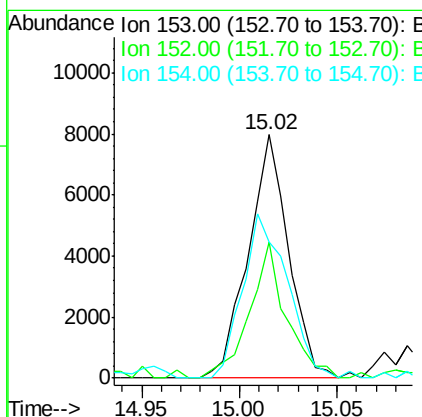
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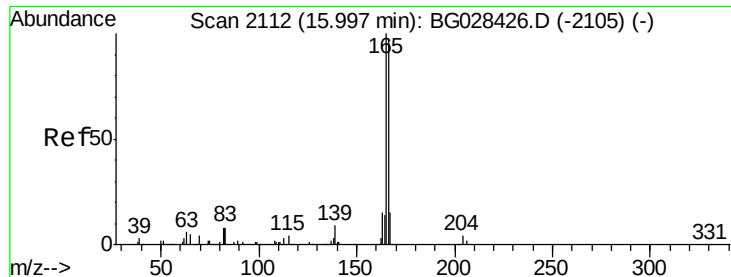
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#49
Acenaphthene
Concen: 1.233 ng/ul
RT: 15.02 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG028428.D
Acq: 22 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
153	100		
152	56.0	36.5	54.7#
154	55.9	72.3	108.5#





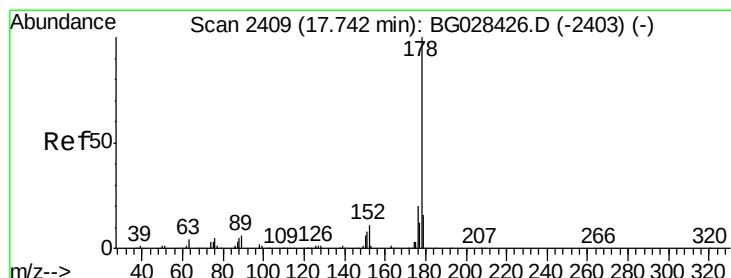
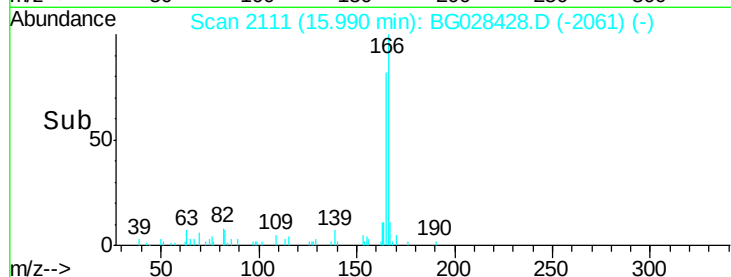
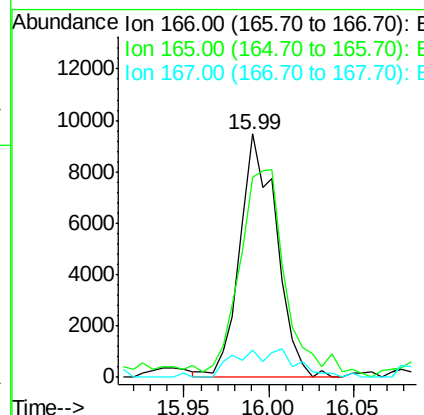
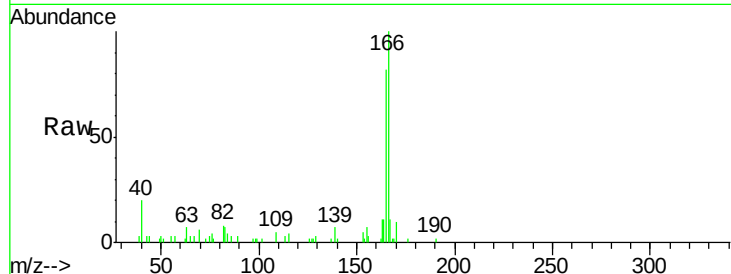
#58
 Fluorene
 Concen: 1.193 ng/ul
 RT: 15.99 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG028428.D
 Acq: 22 Aug 2017 21:58

Instrument :
 BNA_G
 ClientSampleId :
 B0AB6DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	14238		
165	82.4	79.7	119.5	
167	11.5	11.4	17.2	

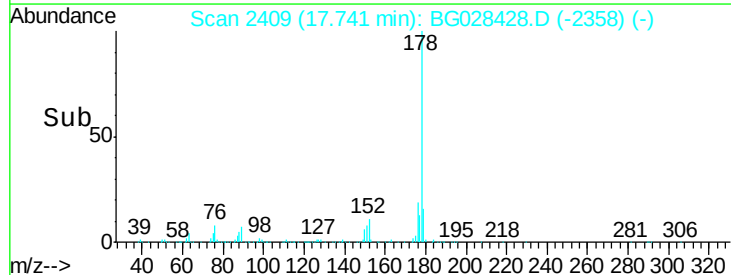
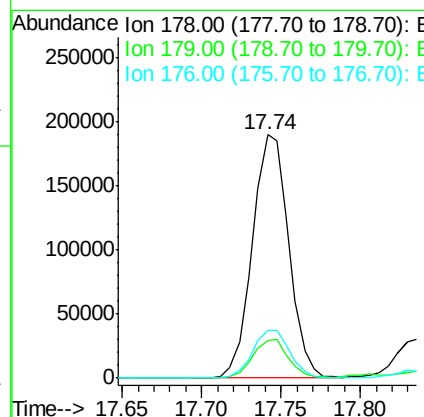
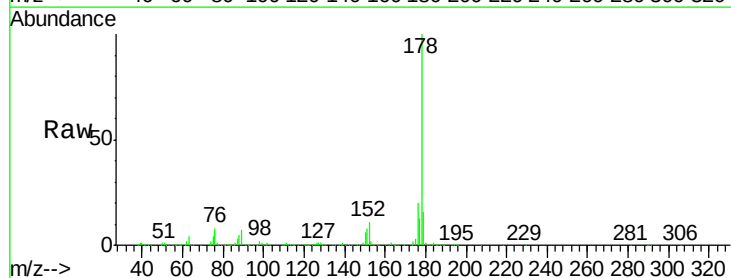
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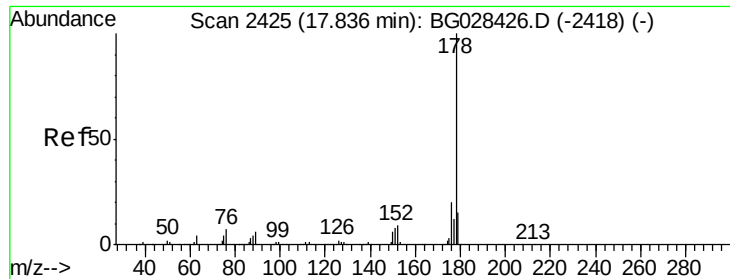
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#69
 Phenanthrene
 Concen: 17.667 ng/ul
 RT: 17.74 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG028428.D
 Acq: 22 Aug 2017 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	303426		
179	15.5	12.4	18.6	
176	19.5	16.5	24.7	





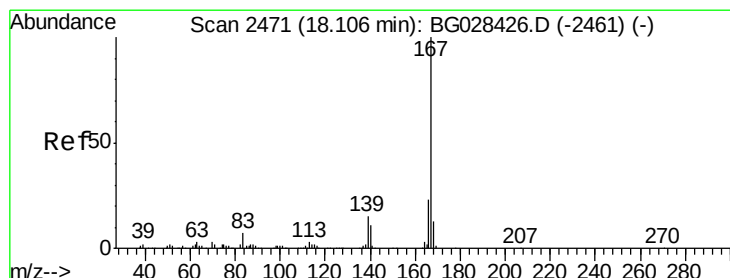
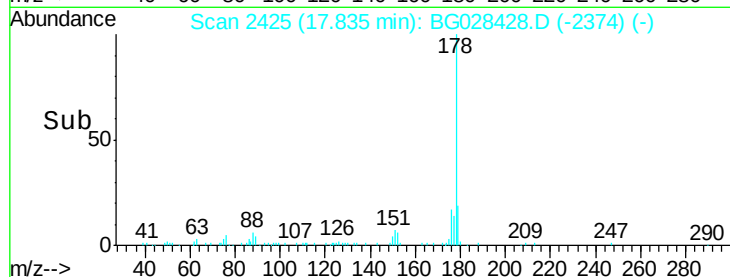
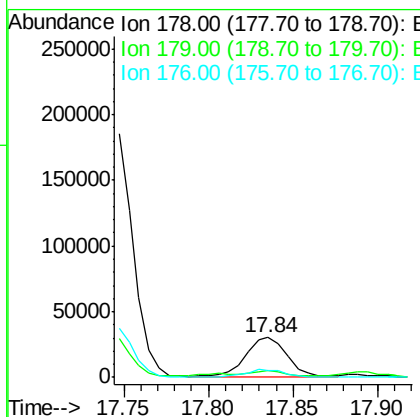
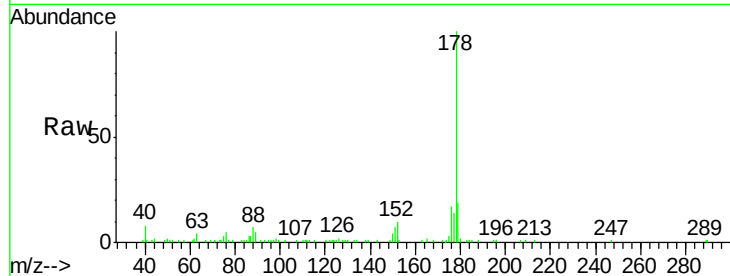
#71
 Anthracene
 Concen: 2.968 ng/ul
 RT: 17.84 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BG028428.D
 Acq: 22 Aug 2017 21:58

Instrument :
 BNA_G
 ClientSampled :
 B0AB6DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.6	19.0
176	17.0	15.9	23.9

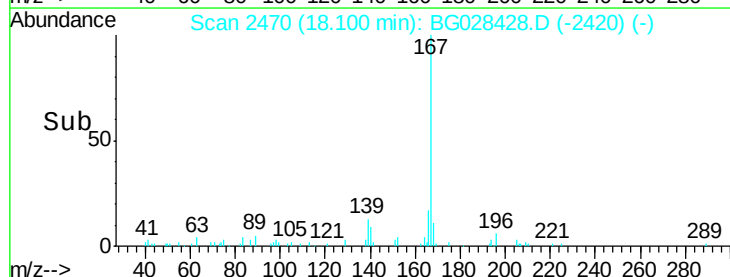
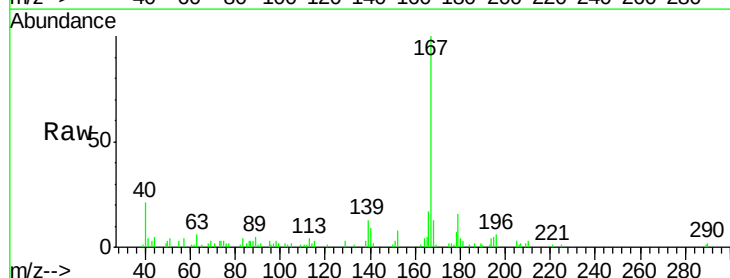
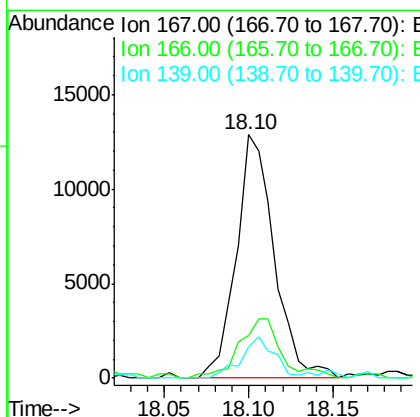
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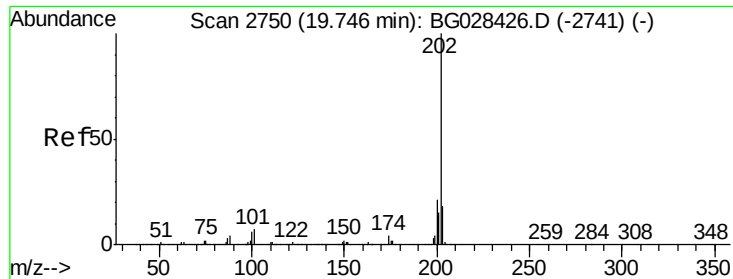
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#72
 Carbazole
 Concen: 1.317 ng/ul
 RT: 18.10 min Scan# 2470
 Delta R.T. -0.01 min
 Lab File: BG028428.D
 Acq: 22 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	17.3	17.9	26.9#
139	12.9	10.5	15.7





#74

Fluoranthene

Concen: 23.977 ng/ul

RT: 19.74 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG028428.D

Acq: 22 Aug 2017 21:58

Instrument :

BNA_G

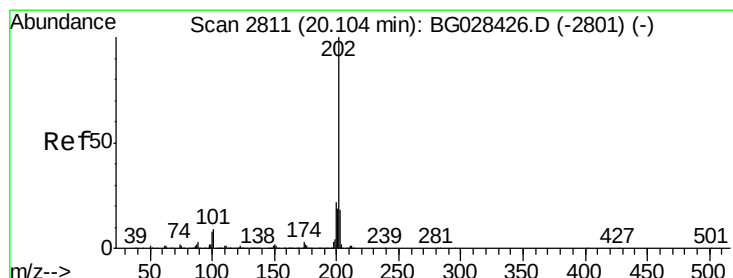
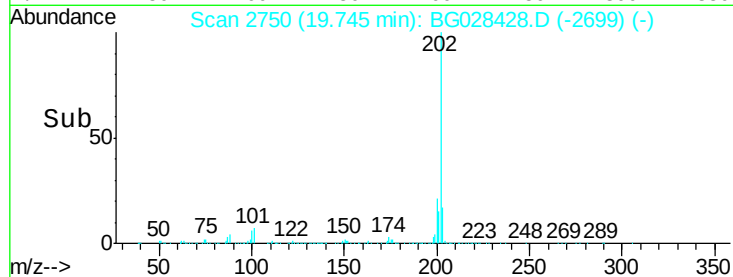
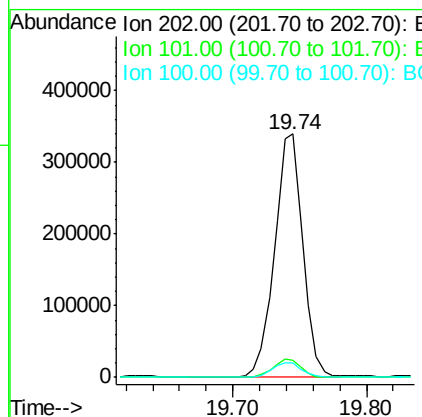
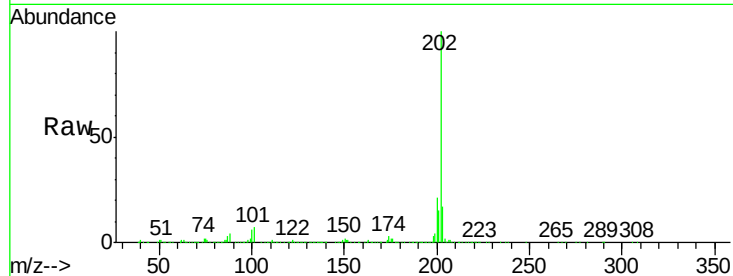
ClientSampleId :

B0AB6DL

Tgt Ion:	202	Resp:	500462
Ion Ratio	Lower	Upper	
202	100		
101	6.9	6.2	9.2
100	5.9	5.2	7.8

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#77

Pyrene

Concen: 21.800 ng/ul

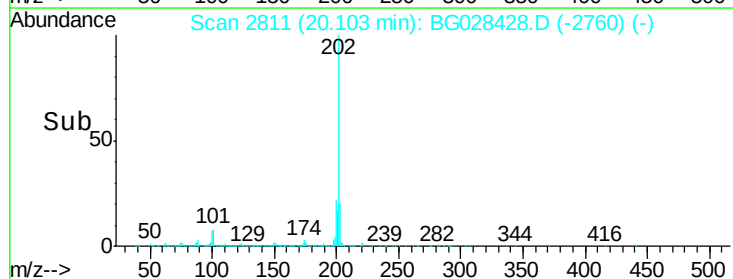
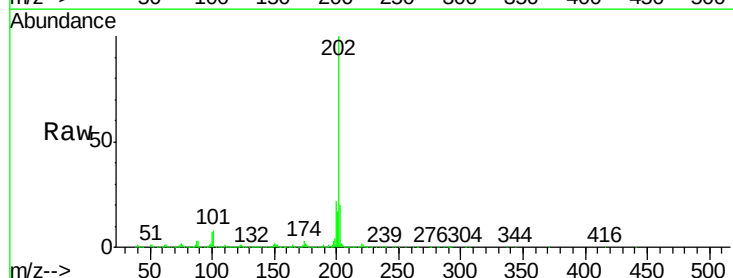
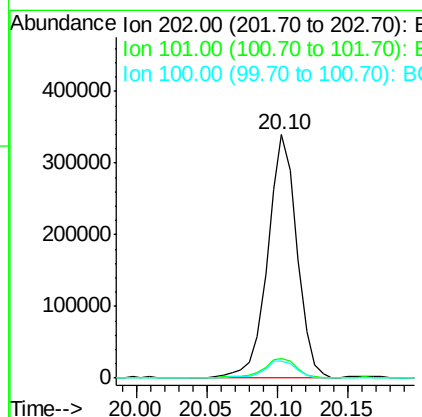
RT: 20.10 min Scan# 2811

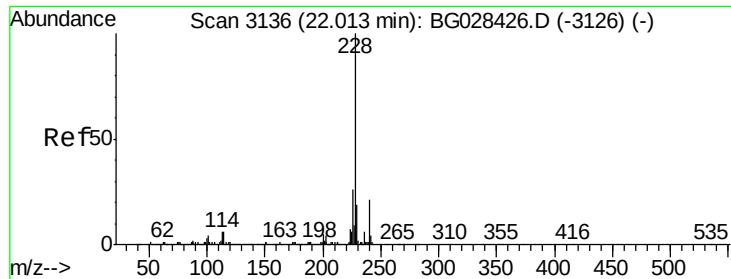
Delta R.T. -0.00 min

Lab File: BG028428.D

Acq: 22 Aug 2017 21:58

Tgt Ion:	202	Resp:	491727
Ion Ratio	Lower	Upper	
202	100		
101	7.8	6.9	10.3
100	7.1	6.6	10.0





#80

Benzo(a)anthracene

Concen: 11.022 ng/ul

RT: 22.01 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG028428.D

Acq: 22 Aug 2017 21:58

Instrument :

BNA_G

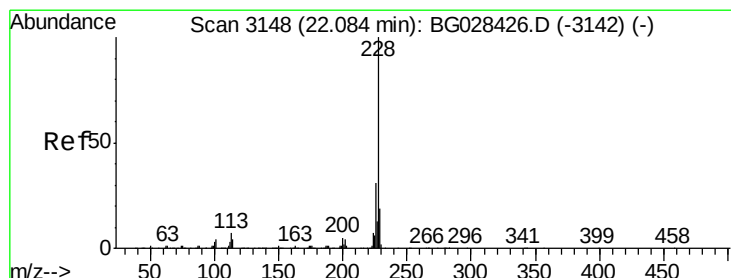
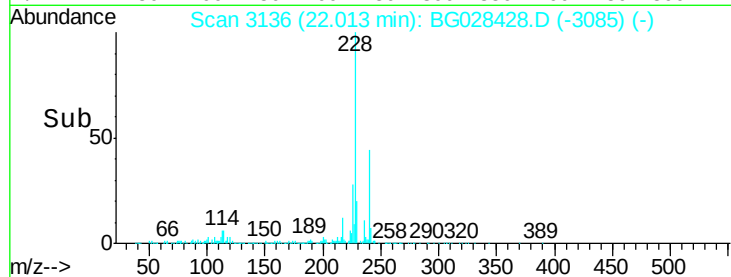
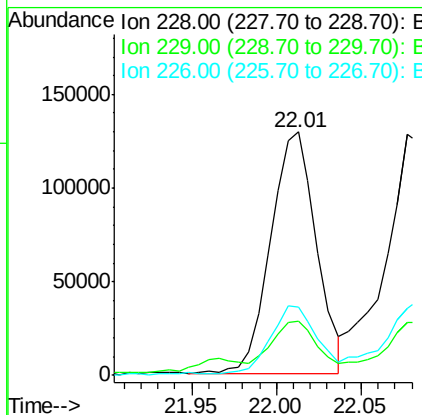
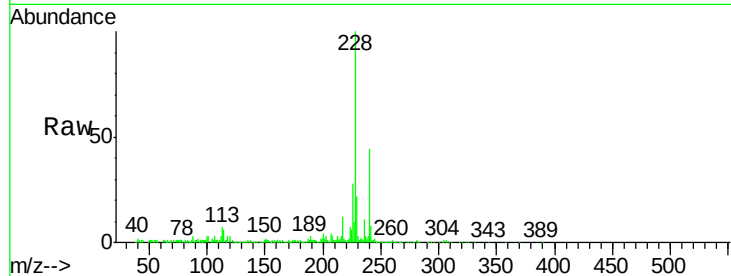
ClientSampleId :

B0AB6DL

Tgt Ion:	228	Resp:	240772
Ion Ratio	Lower	Upper	
228	100		
229	22.1	16.3	24.5
226	28.1	21.9	32.9

Manual Integrations
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#82

Chrysene

Concen: 12.808 ng/ul

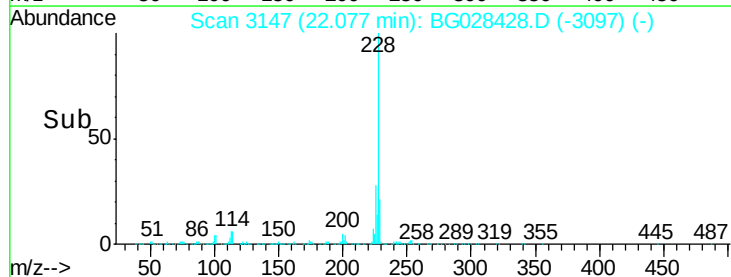
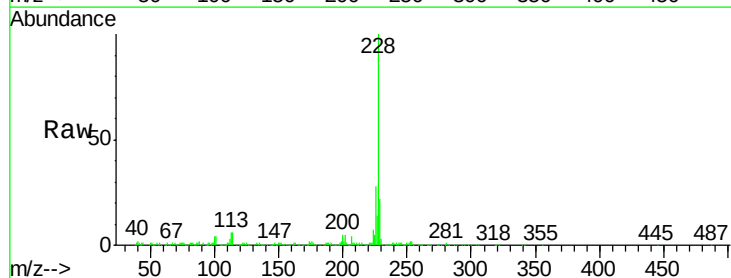
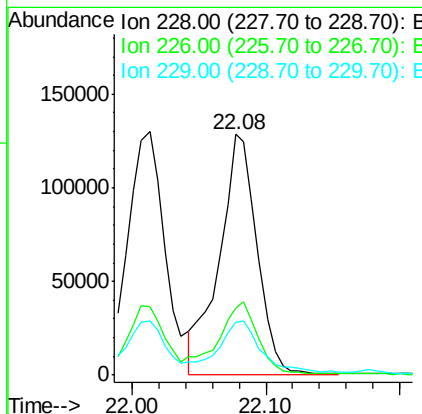
RT: 22.08 min Scan# 3147

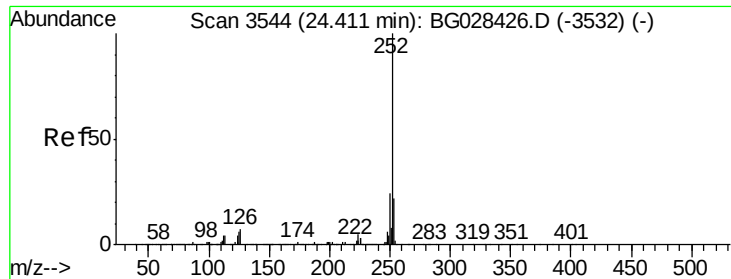
Delta R.T. -0.01 min

Lab File: BG028428.D

Acq: 22 Aug 2017 21:58

Tgt Ion:	228	Resp:	251979
Ion Ratio	Lower	Upper	
228	100		
226	28.0	24.0	36.0
229	21.9	16.9	25.3





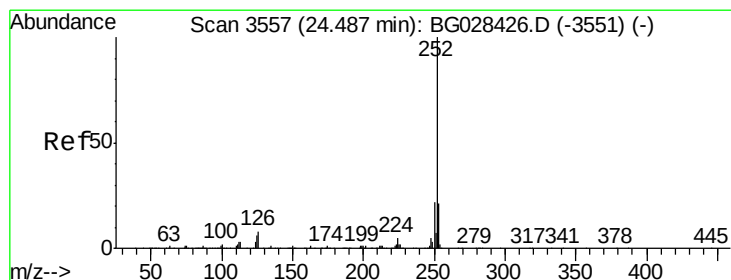
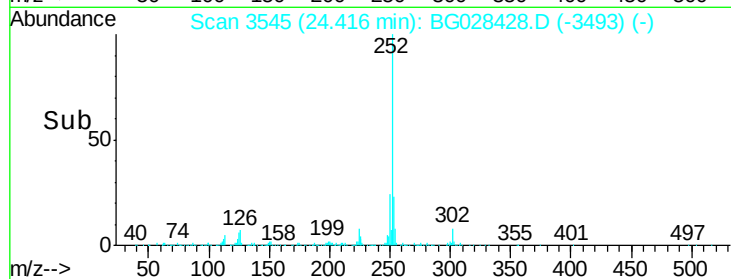
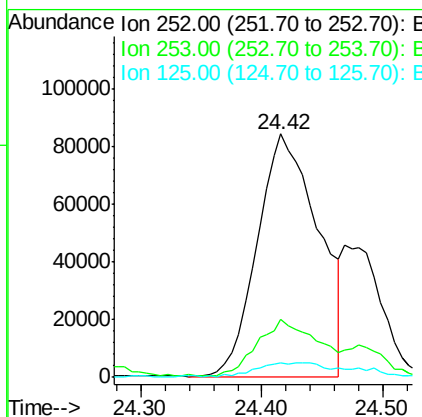
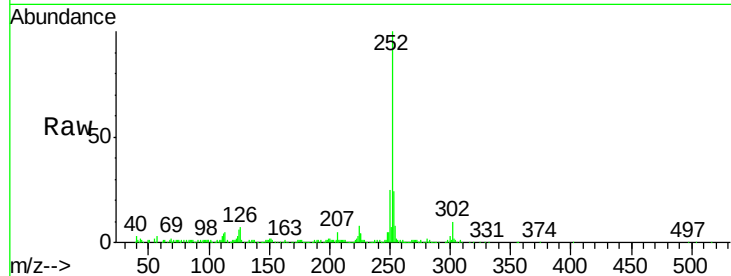
#85
Benzo(b)fluoranthene
Concen: 13.053 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. 0.01 min
Lab File: BG028428.D
Acq: 22 Aug 2017 21:58

Instrument :
BNA_G
ClientSampleID :
B0AB6DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.7	26.5
125	6.0	4.0	6.0#

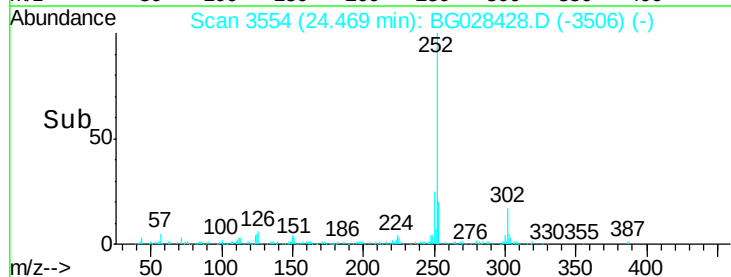
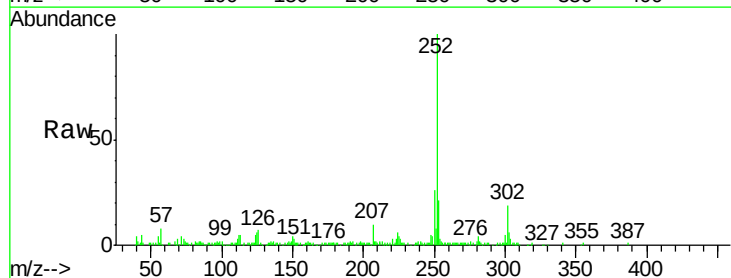
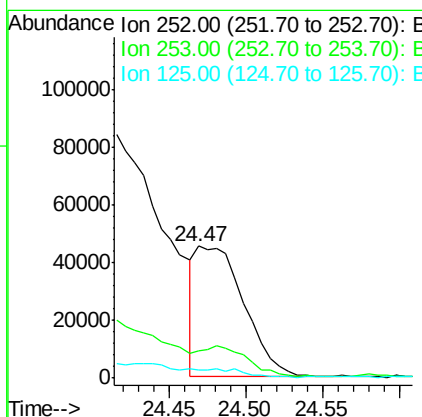
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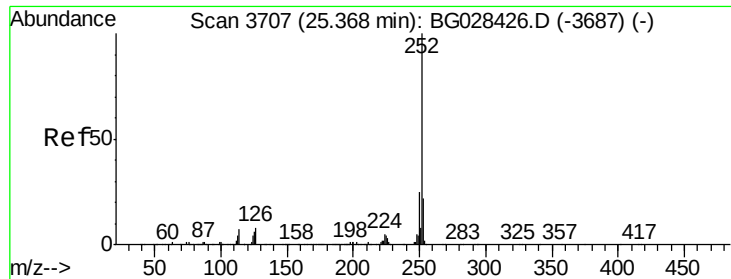
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#86
Benzo(k)fluoranthene
Concen: 4.450 ng/ul m
RT: 24.47 min Scan# 3554
Delta R.T. -0.02 min
Lab File: BG028428.D
Acq: 22 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.5	27.7
125	6.1	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 10.383 ng/ul

RT: 25.36 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG028428.D

Acq: 22 Aug 2017 21:58

Instrument :

BNA_G

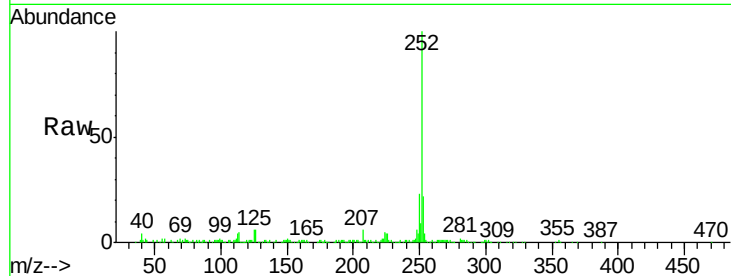
ClientSampleId :

B0AB6DL

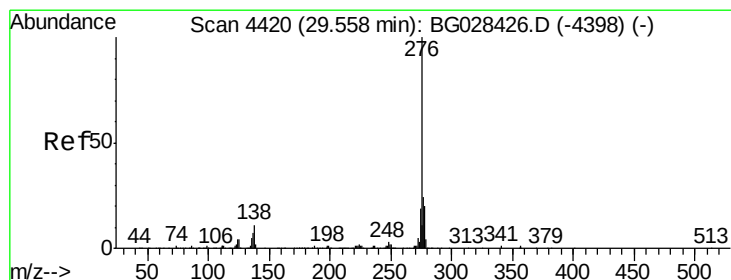
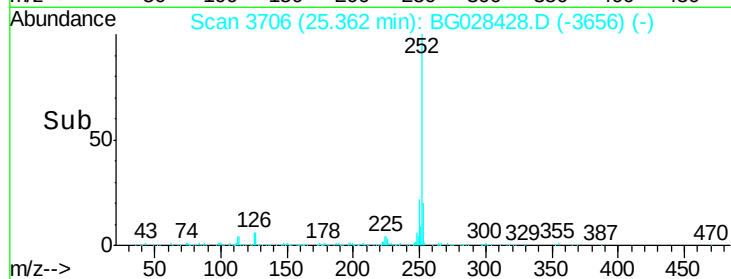
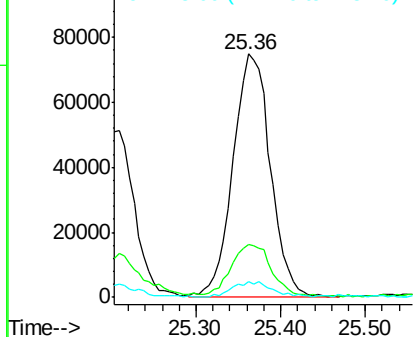
Tgt Ion:	252	Resp:	227335
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.8	26.6
125	6.2	5.4	8.0

Manual Integrations
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Sohil
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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



#89

Indeno(1,2,3-cd)pyrene

Concen: 5.637 ng/ul

RT: 29.55 min Scan# 4419

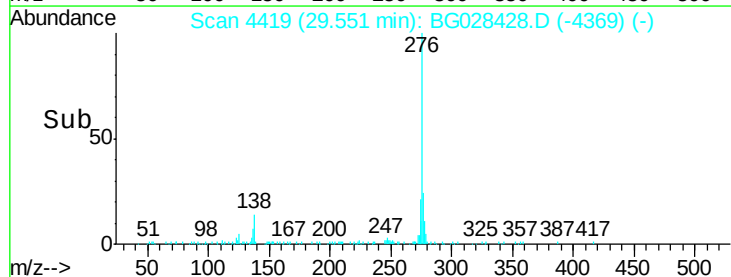
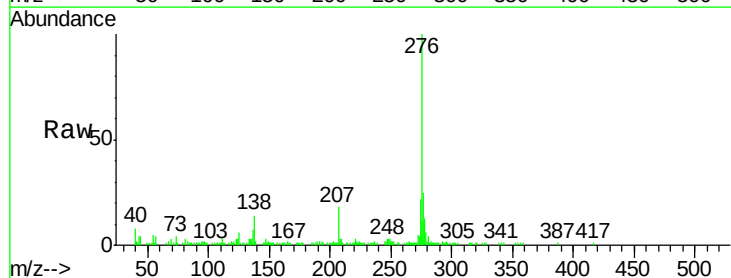
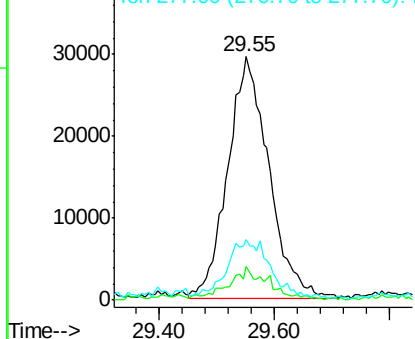
Delta R.T. -0.01 min

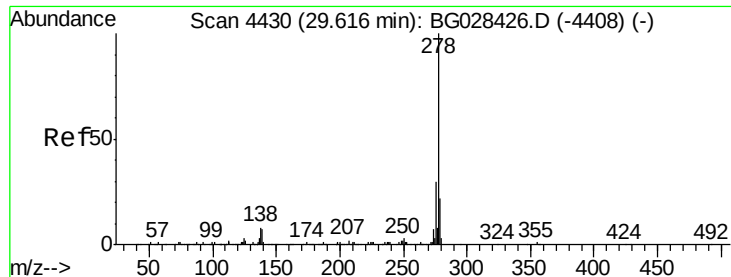
Lab File: BG028428.D

Acq: 22 Aug 2017 21:58

Tgt Ion:	276	Resp:	144540
Ion Ratio	Lower	Upper	
276	100		
138	13.7	8.2	12.4#
277	24.7	18.6	28.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





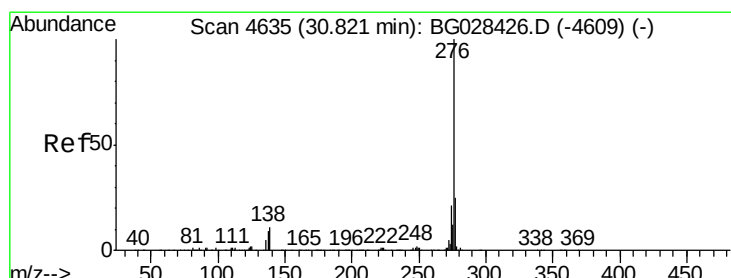
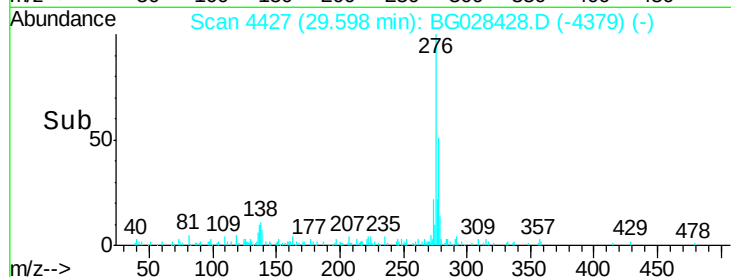
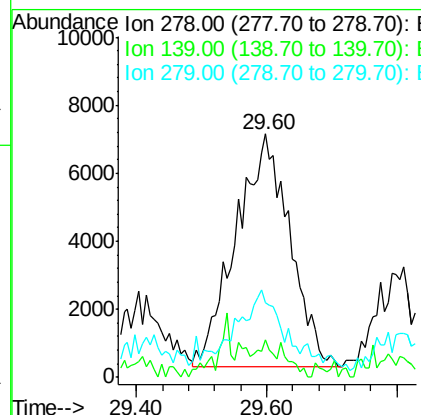
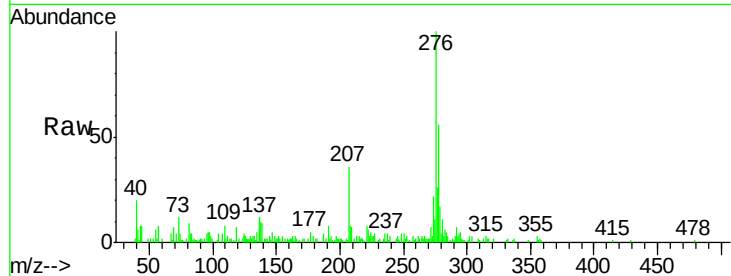
#90
Dibenzo(a,h)anthracene
Concen: 1.815 ng/ul
RT: 29.60 min Scan# 4427
Delta R.T. -0.02 min
Lab File: BG028428.D
Acq: 22 Aug 2017 21:58

Instrument :
BNA_G
ClientSampled :
B0AB6DL

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	6.7	10.1#
279	30.9	20.9	31.3

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:24 PM



#91
Benzo(g,h,i)perylene
Concen: 5.921 ng/ul
RT: 30.82 min Scan# 4635
Delta R.T. -0.00 min
Lab File: BG028428.D
Acq: 22 Aug 2017 21:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.6	12.8
277	22.0	17.6	26.4

