

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028364.D
 Acq On : 16 Aug 2017 4:37
 Operator : SJ/JU
 Sample : I4672-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

Manual Integrations
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Sohil
 8/16/2017 6:40:34 PM

Quant Time: Aug 16 09:17:04 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	52779	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	227381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	153084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	350847	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	389007	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	374625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.86	96	4555	4.02	ng/uL	0.01
5) Phenol-d5	7.52	99	122186	21.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	79032	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	89646	24.51	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	95360	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	46693	26.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	53947	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	98921	24.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	96522	21.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	329749	24.22	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	396112	25.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	40903	18.89	ng/ul	0.00
57) Fluorene-d10	15.95	176	290176	23.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.08	200	51385	22.55	ng/ul	0.00
70) Anthracene-d10	17.82	188	446559m	26.54	ng/ul	0.00
76) Pyrene-d10	20.09	212	511418	25.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	470654	26.84	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.54	94	6893	1.197	ng/ul#	95
28) Naphthalene	11.23	128	20112	1.786	ng/ul#	94
34) 2-Methylnaphthalene	12.81	142	16687	1.845	ng/ul	96
44) Dimethylphthalate	14.40	163	101337	8.083	ng/ul	97
69) Phenanthrene	17.76	178	52738	2.987	ng/ul	96
74) Fluoranthene	19.75	202	117486	5.475	ng/ul	99
77) Pyrene	20.12	202	110192	4.748	ng/ul	98
80) Benzo(a)anthracene	22.03	228	83597	3.719	ng/ul	96
82) Chrysene	22.10	228	77331	3.820	ng/ul	99
85) Benzo(b)fluoranthene	24.44	252	133523	5.956	ng/ul#	93
86) Benzo(k)fluoranthene	24.51	252	41768	1.907	ng/ul#	96
88) Benzo(a)pyrene	25.40	252	88210	4.064	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	29.60	276	63052	2.481	ng/ul#	95
91) Benzo(g,h,i)perylene	30.89	276	44415	2.124	ng/ul#	89

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

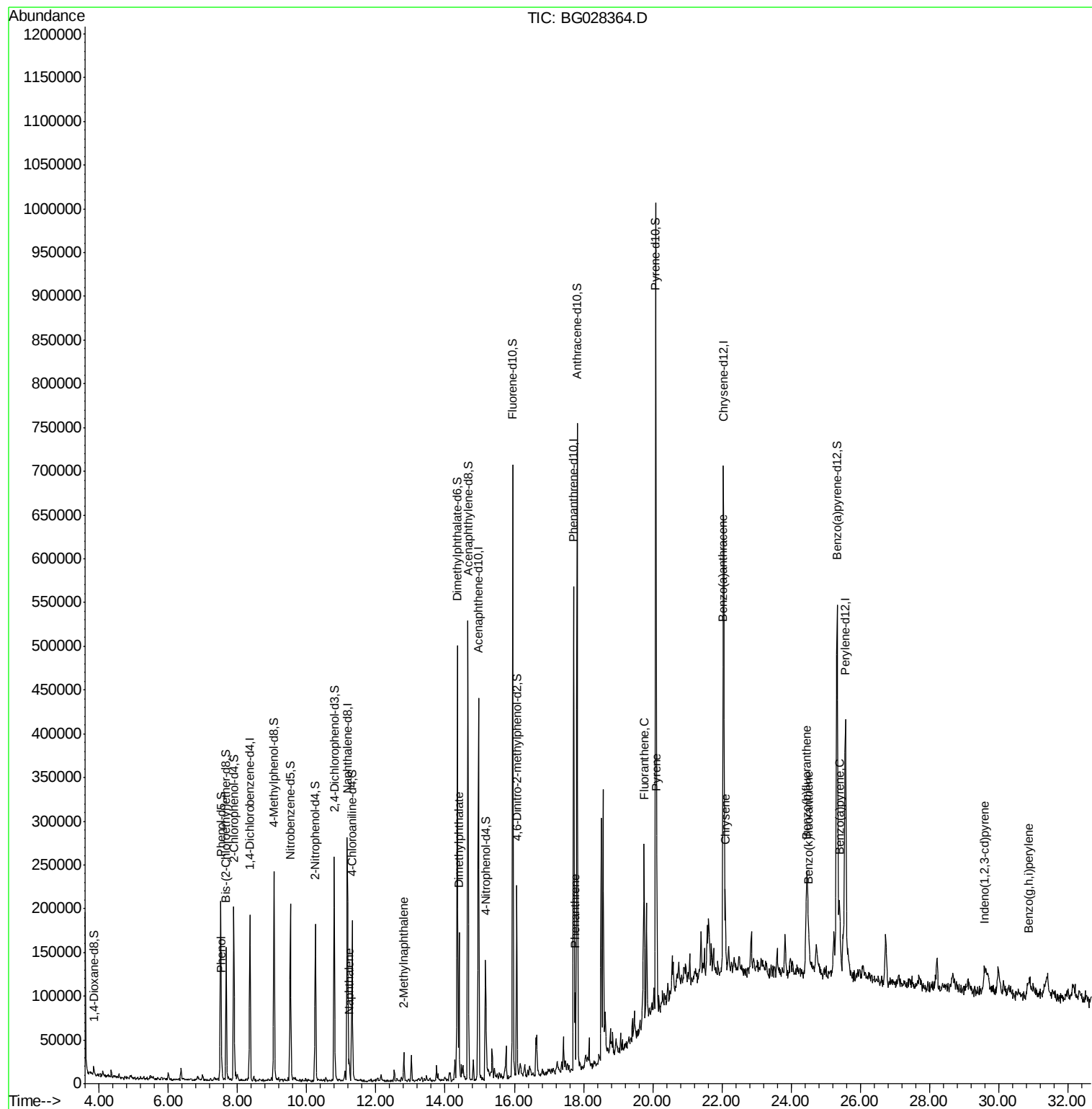
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
Data File : BG028364.D
Acq On : 16 Aug 2017 4:37
Operator : SJ/JU
Sample : I4672-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

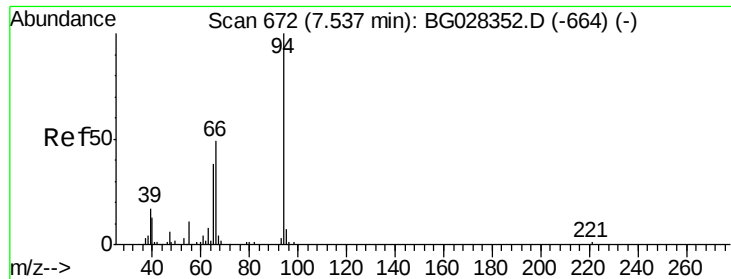
Instrument :
BNA_G
ClientSampled :
C0AG1

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Quant Time: Aug 16 09:17:04 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: 1.197 ng/ul

RT: 7.54 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Instrument :

BNA_G

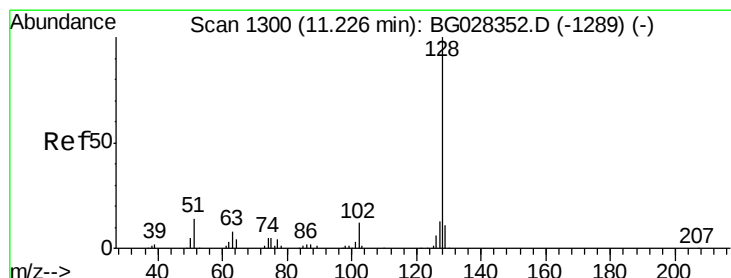
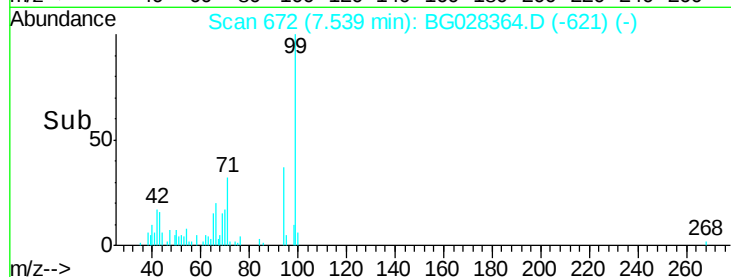
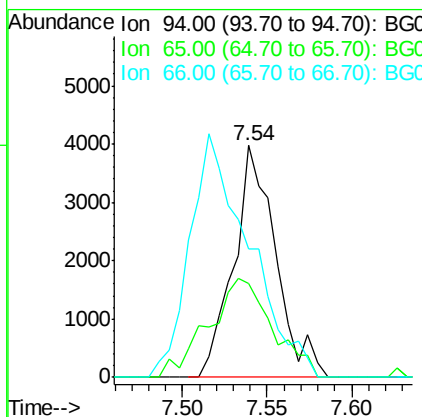
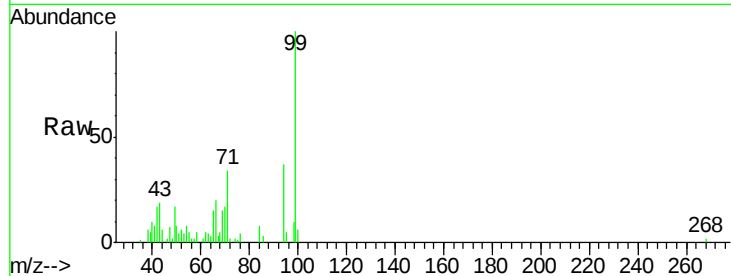
ClientSampleId :

C0AG1

Tgt Ion:	94	Resp:	6893
Ion Ratio	Lower	Upper	
94	100		
65	40.6	26.8	40.2#
66	55.1	44.4	66.6

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#28

Naphthalene

Concen: 1.786 ng/ul

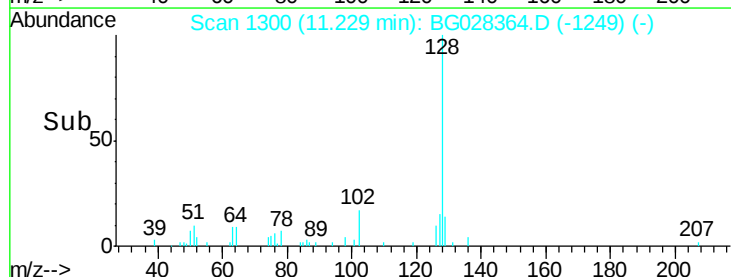
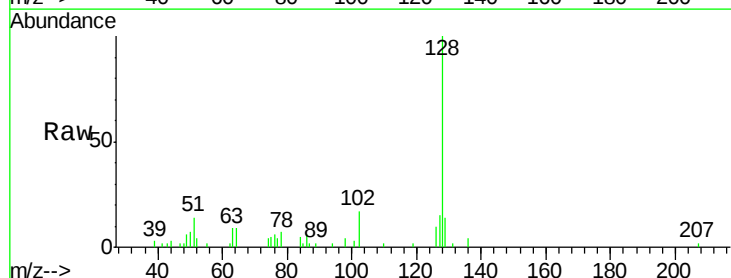
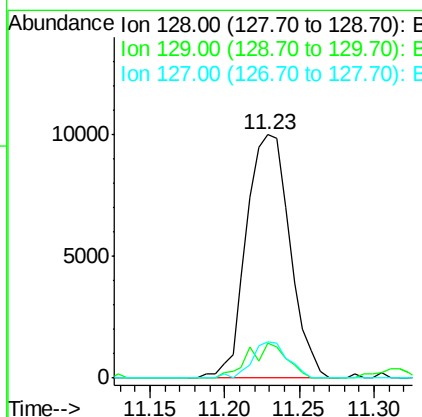
RT: 11.23 min Scan# 1300

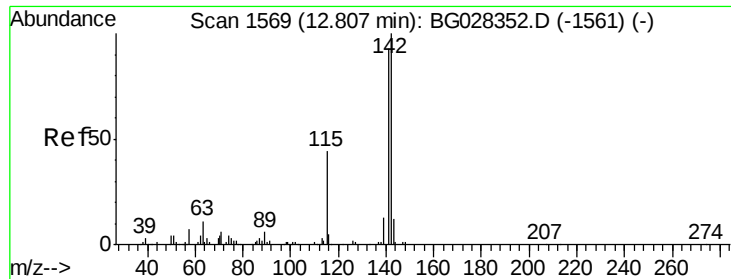
Delta R.T. 0.00 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Tgt Ion:	128	Resp:	20112
Ion Ratio	Lower	Upper	
128	100		
129	14.3	9.4	14.2#
127	14.8	10.3	15.5





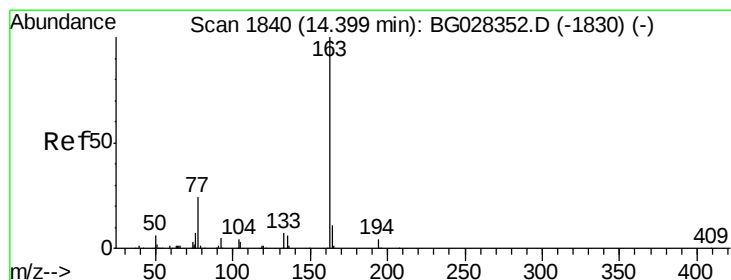
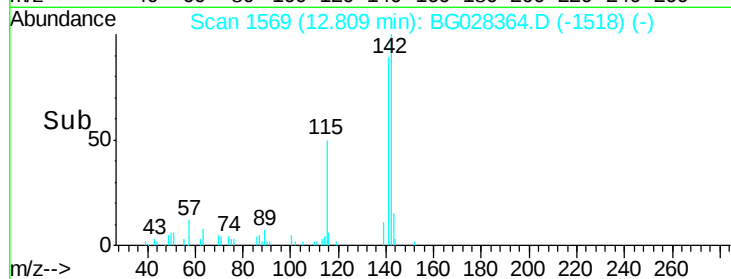
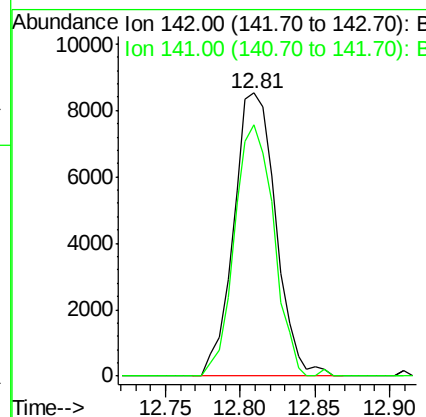
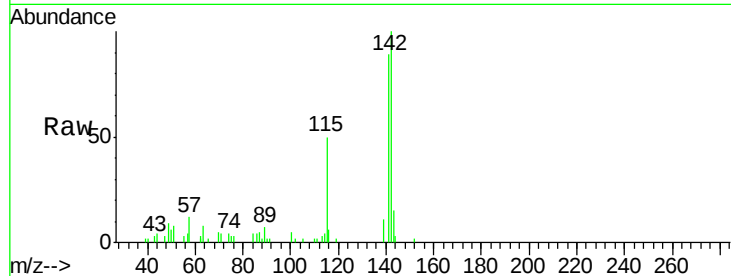
#34
 2-Methylnaphthalene
 Concen: 1.845 ng/ul
 RT: 12.81 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BG028364.D
 Acq: 16 Aug 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	68.6	102.8

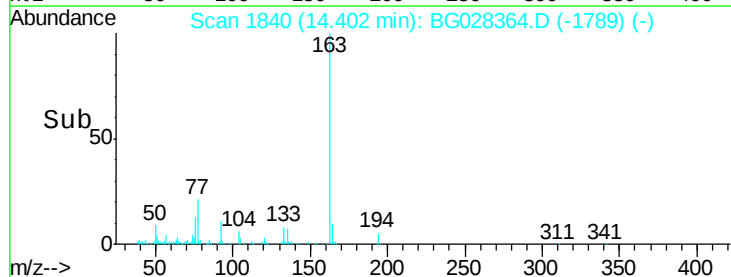
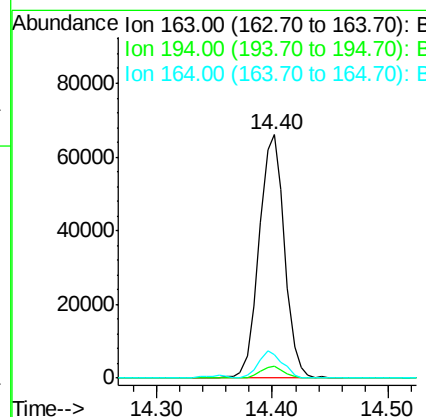
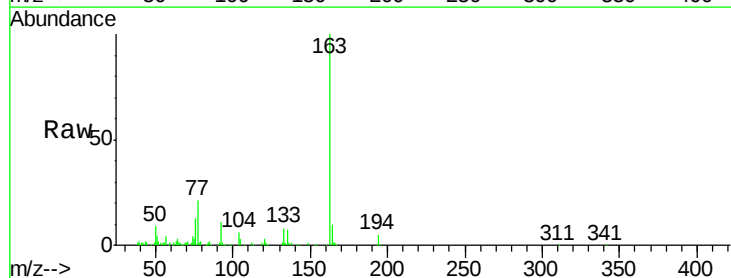
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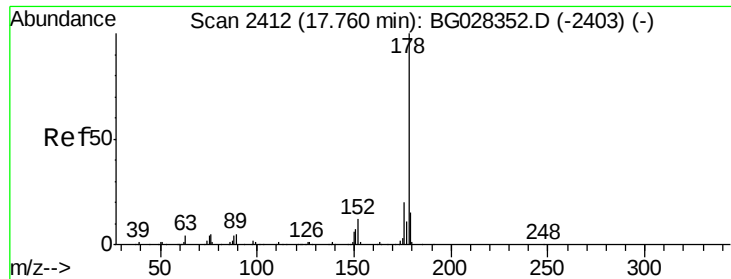
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#44
 Dimethylphthalate
 Concen: 8.083 ng/ul
 RT: 14.40 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BG028364.D
 Acq: 16 Aug 2017 4:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.8	9.0	13.4





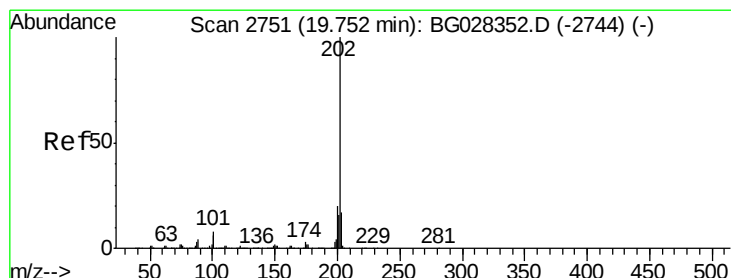
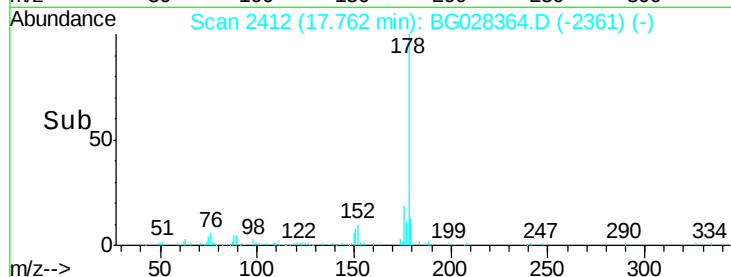
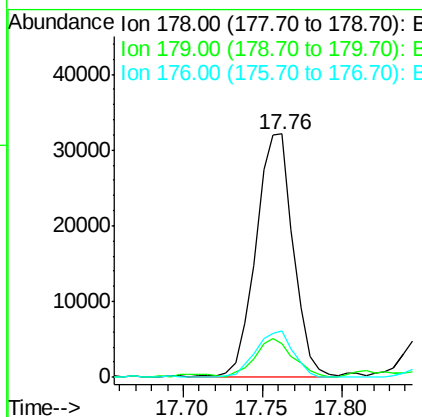
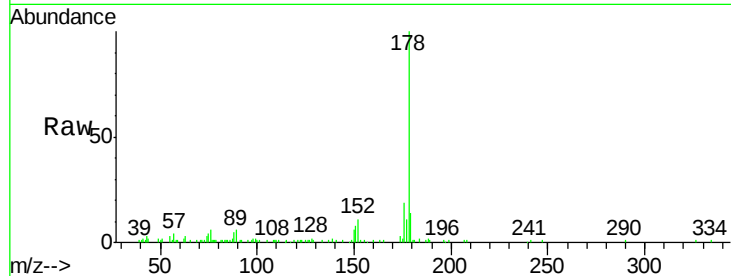
#69
Phenanthrene
Concen: 2.987 ng/ul
RT: 17.76 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG028364.D
Acq: 16 Aug 2017 4:37

Instrument :
BNA_G
ClientSampleId :
C0AG1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.4	18.6
176	19.0	16.5	24.7

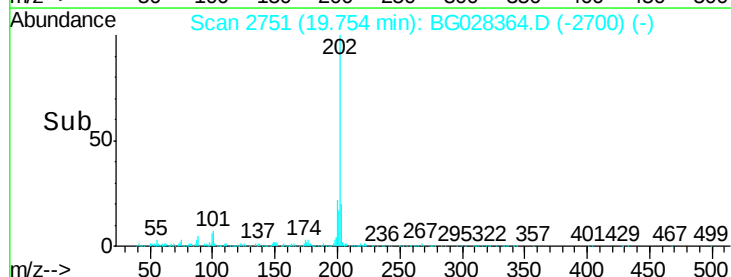
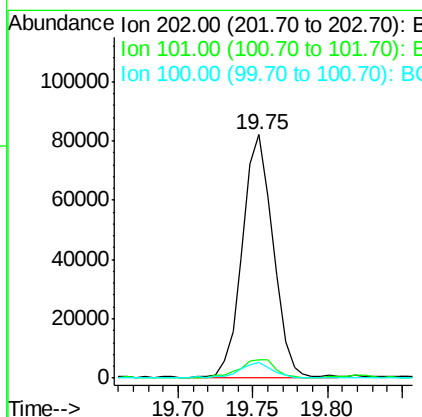
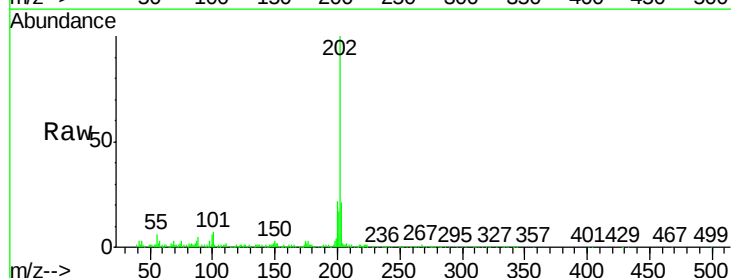
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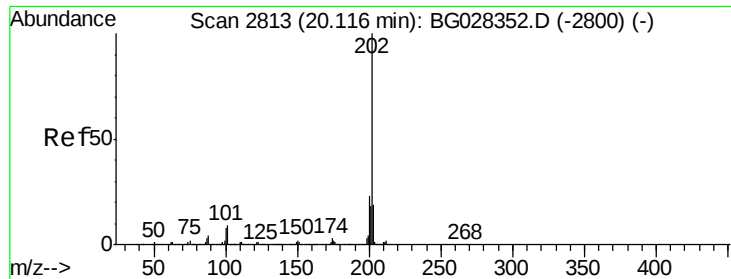
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#74
Fluoranthene
Concen: 5.475 ng/ul
RT: 19.75 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG028364.D
Acq: 16 Aug 2017 4:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.2
100	6.3	5.2	7.8





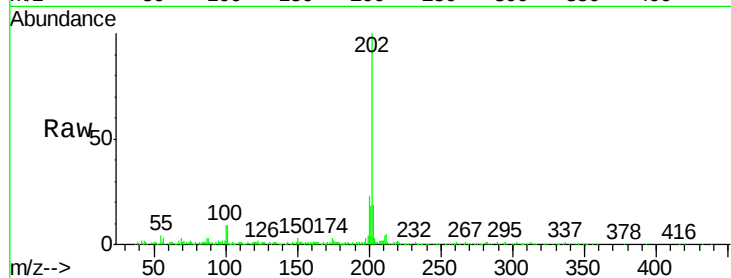
#77
 Pyrene
 Concen: 4.748 ng/ul
 RT: 20.12 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BG028364.D
 Acq: 16 Aug 2017 4:37

Instrument :
 BNA_G
 ClientSampleId :
 C0AG1

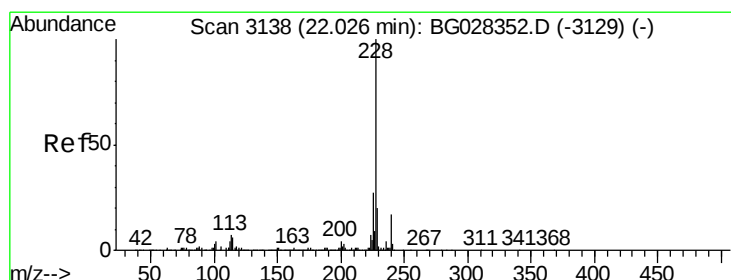
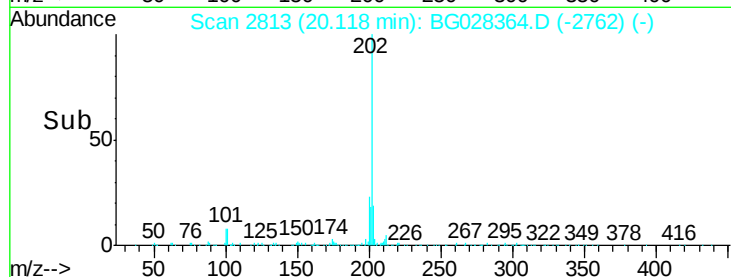
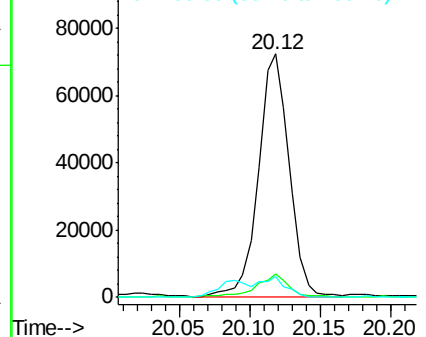
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	6.9	10.3
100	8.6	6.6	10.0

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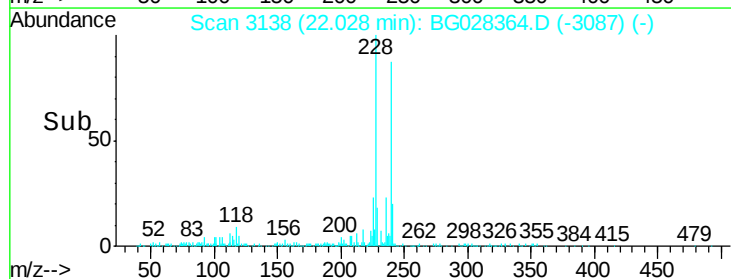
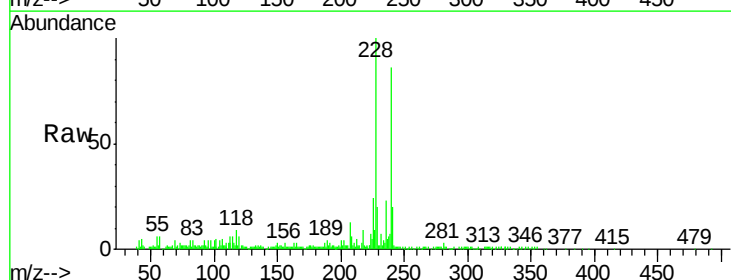
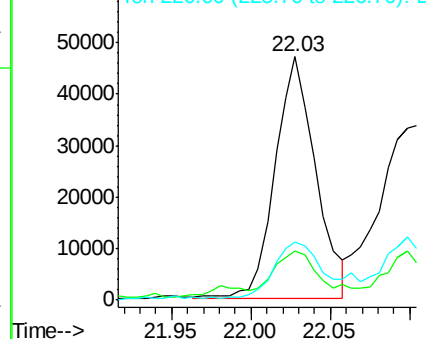
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

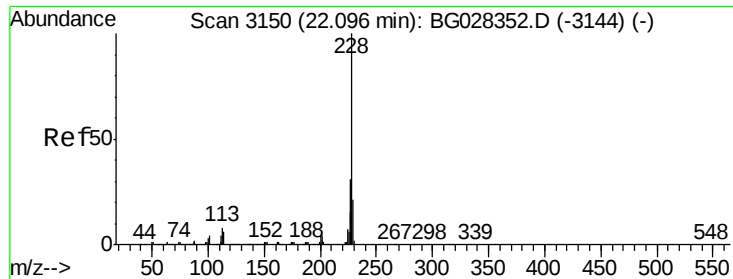


#80
 Benzo(a)anthracene
 Concen: 3.719 ng/ul
 RT: 22.03 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG028364.D
 Acq: 16 Aug 2017 4:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.3	16.3	24.5
226	23.9	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: 3.820 ng/u1

RT: 22.10 min Scan# 3151

Delta R.T. 0.01 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Instrument :

BNA_G

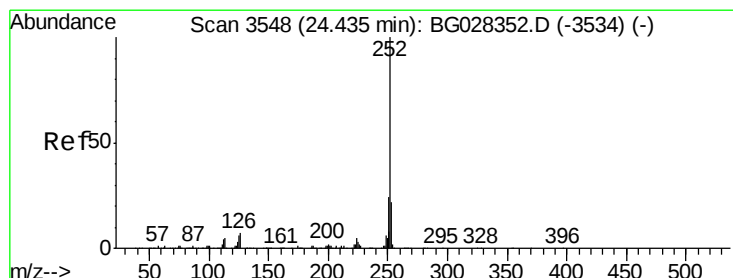
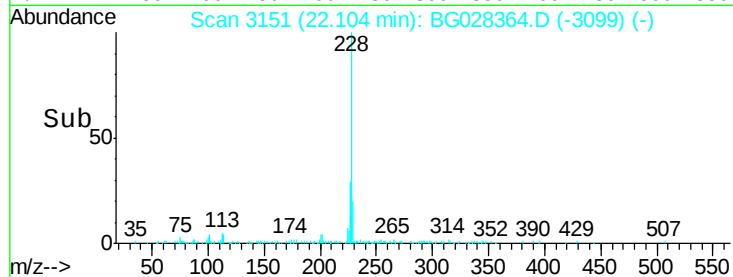
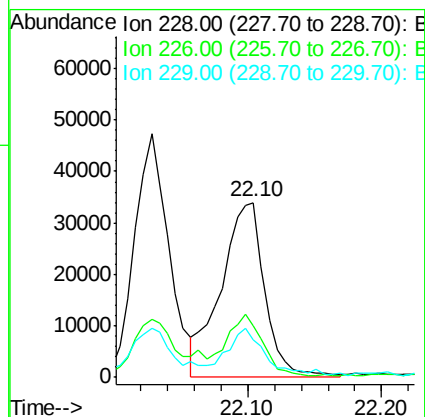
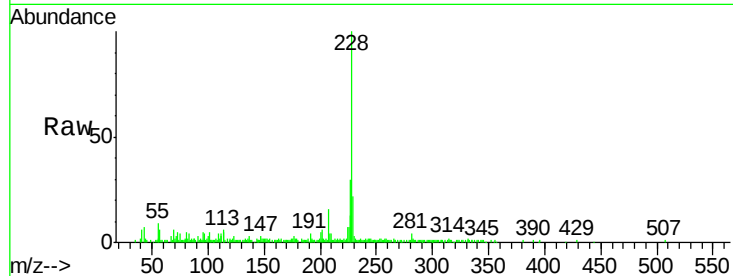
ClientSampleId :

C0AG1

Tgt Ion:	228	Resp:	77331
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.0	36.0
229	21.7	16.9	25.3

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#85

Benzo(b)fluoranthene

Concen: 5.956 ng/u1

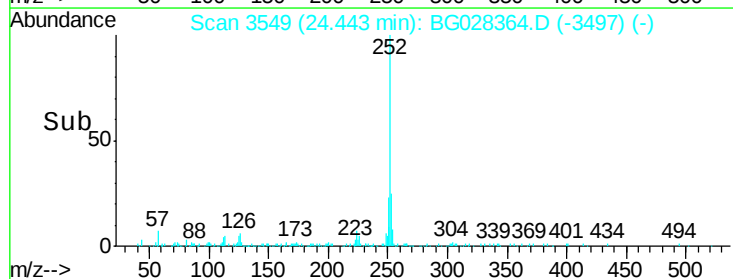
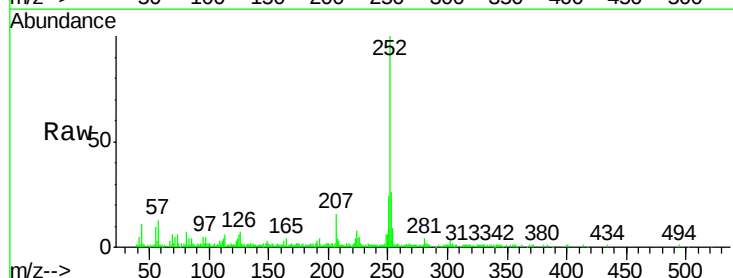
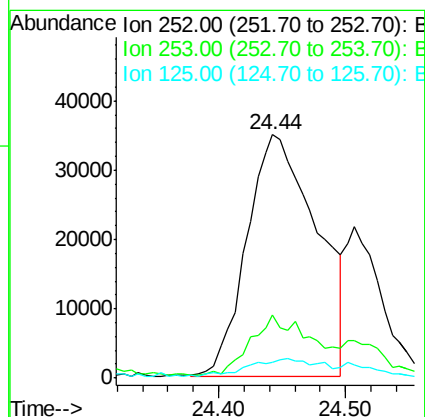
RT: 24.44 min Scan# 3549

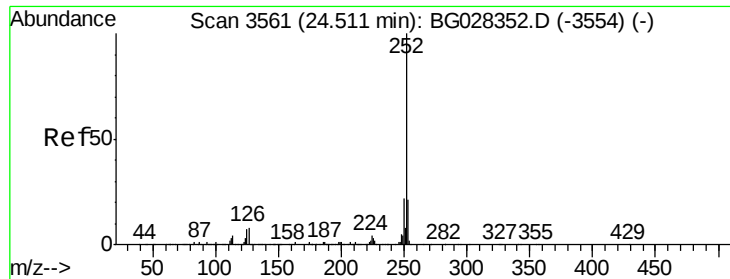
Delta R.T. 0.01 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Tgt Ion:	252	Resp:	133523
Ion Ratio	Lower	Upper	
252	100		
253	25.8	17.7	26.5
125	6.4	4.0	6.0#





#86

Benzo(k)fluoranthene

Concen: 1.907 ng/ul

RT: 24.51 min Scan# 3560

Delta R.T. -0.00 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Instrument :

BNA_G

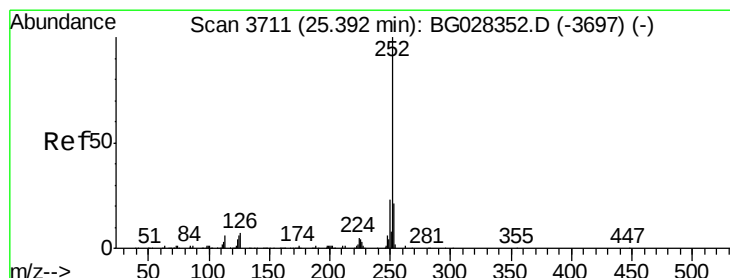
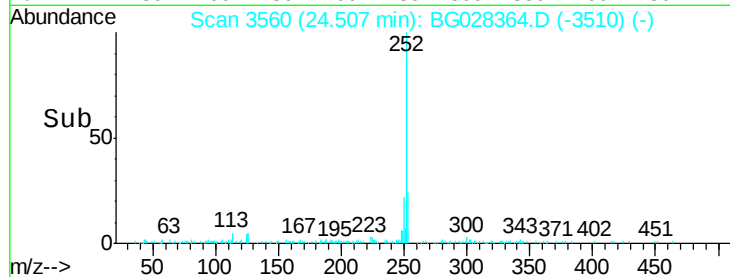
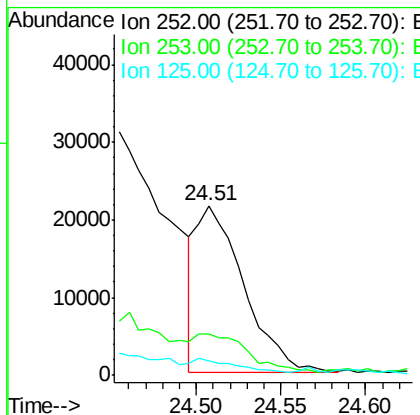
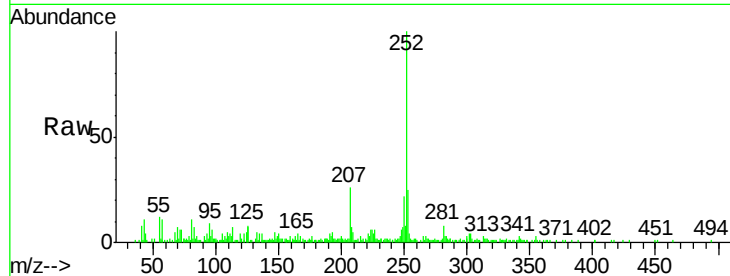
ClientSampleId :

C0AG1

Tgt Ion:	252	Resp:	41768
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.5	27.7
125	8.5	4.1	6.1#

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#88

Benzo(a)pyrene

Concen: 4.064 ng/ul

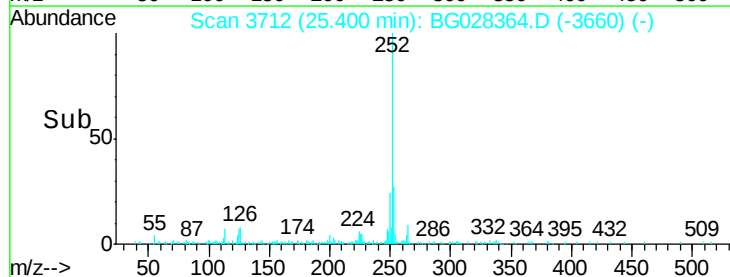
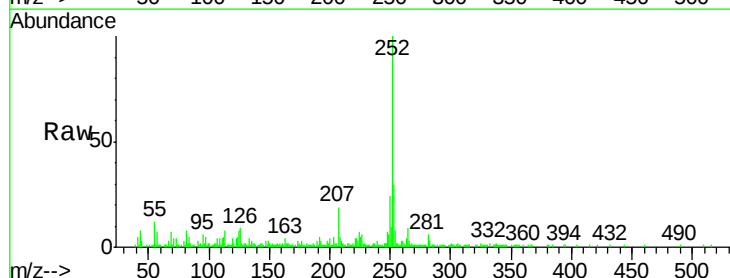
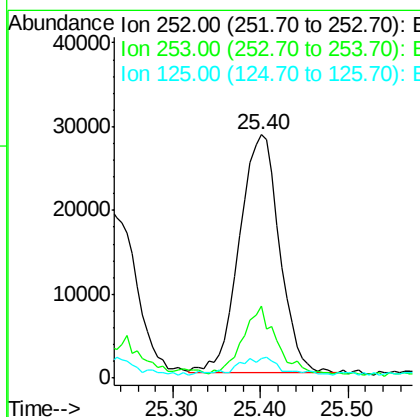
RT: 25.40 min Scan# 3712

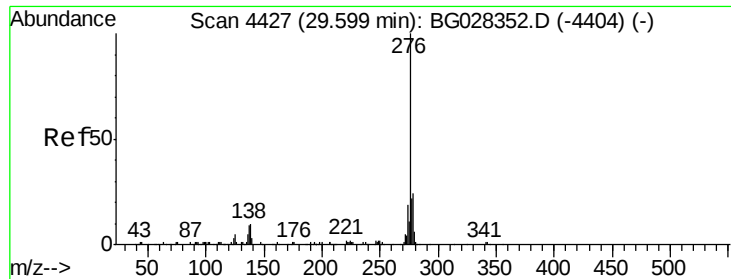
Delta R.T. 0.01 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Tgt Ion:	252	Resp:	88210
Ion Ratio	Lower	Upper	
252	100		
253	29.6	17.8	26.6#
125	8.0	5.4	8.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.481 ng/ul

RT: 29.60 min Scan# 4426

Delta R.T. -0.00 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Instrument :

BNA_G

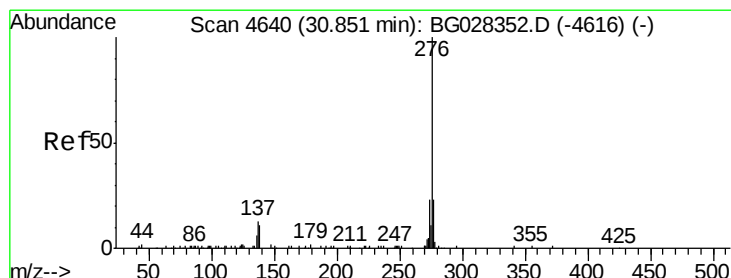
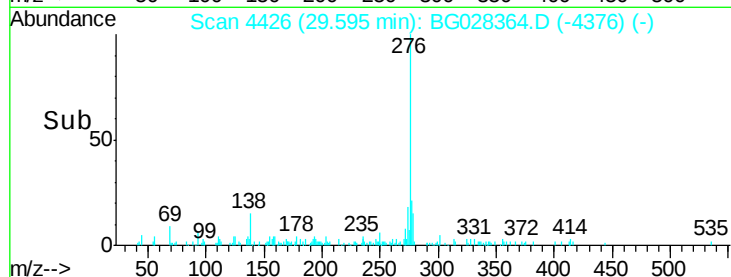
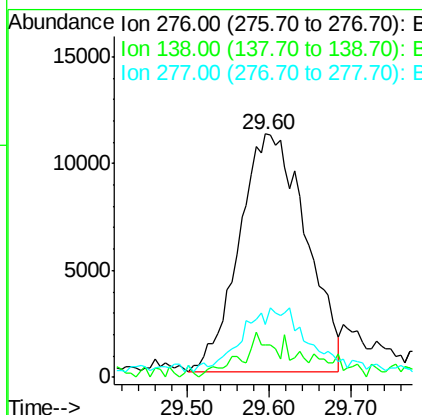
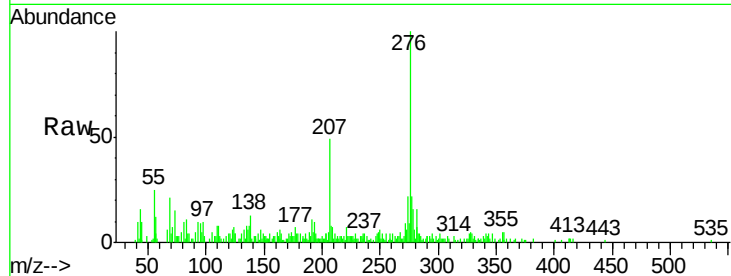
ClientSampleId :

C0AG1

Tgt Ion:	276	Resp:	63052
Ion Ratio	Lower	Upper	
276	100		
138	13.4	8.2	12.4#
277	21.8	18.6	28.0

Manual Integrations
APPROVED

Sohil
8/16/2017 6:40:34 PM



#91

Benzo(g,h,i)perylene

Concen: 2.124 ng/ul

RT: 30.89 min Scan# 4646

Delta R.T. 0.04 min

Lab File: BG028364.D

Acq: 16 Aug 2017 4:37

Tgt Ion:	276	Resp:	44415
Ion Ratio	Lower	Upper	
276	100		
138	12.8	8.6	12.8
277	28.6	17.6	26.4#

