

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028435.D
 Acq On : 23 Aug 2017 2:37
 Operator : SJ/JU
 Sample : I4713-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC5

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:36 PM

Quant Time: Aug 23 08:55:49 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	45619	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	218636	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	157913	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	353840m	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	402187	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	400357	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3602	3.68	ng/uL	0.00
5) Phenol-d5	7.50	99	101216	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	59089	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	73683	23.31	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	87845	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	38580	22.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	47797	25.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	95151	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75010	17.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	340889	24.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	389339	24.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	39704	17.78	ng/ul	0.00
57) Fluorene-d10	15.94	176	290143	23.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	46994	20.44	ng/ul	0.00
70) Anthracene-d10	17.80	188	442432	26.08	ng/ul	0.00
76) Pyrene-d10	20.07	212	546699	26.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	520553	27.77	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	11821	2.374	ng/ul	93
44) Dimethylphthalate	14.39	163	158181	12.232	ng/ul	98
69) Phenanthrene	17.74	178	25119	1.411	ng/ul	95
74) Fluoranthene	19.75	202	37062	1.713	ng/ul	99
77) Pyrene	20.10	202	33352	1.390	ng/ul#	95
80) Benzo(a)anthracene	22.02	228	25782	1.109	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.87	149	26421	2.067	ng/ul#	91
82) Chrysene	22.08	228	38520m	1.841	ng/ul	
85) Benzo(b)fluoranthene	24.42	252	69194	2.888	ng/ul#	93
88) Benzo(a)pyrene	25.37	252	36633	1.579	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	29.57	276	41420	1.525	ng/ul#	91
91) Benzo(g,h,i)perylene	30.84	276	50737	2.270	ng/ul#	98

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

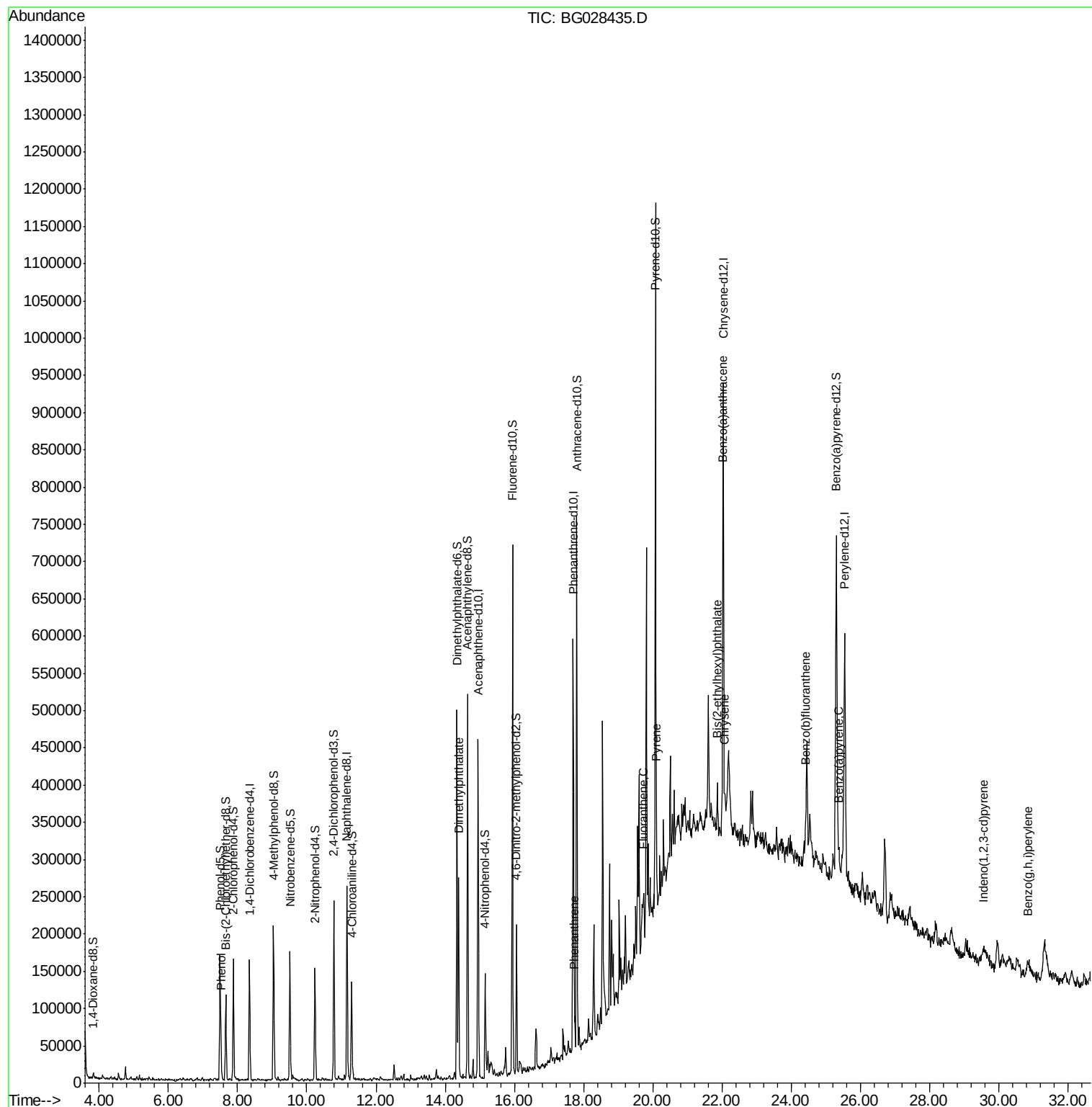
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028435.D
Acq On : 23 Aug 2017 2:37
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Sample : I4713-15
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ALS Vial : 24 Sample Multiplier: 1

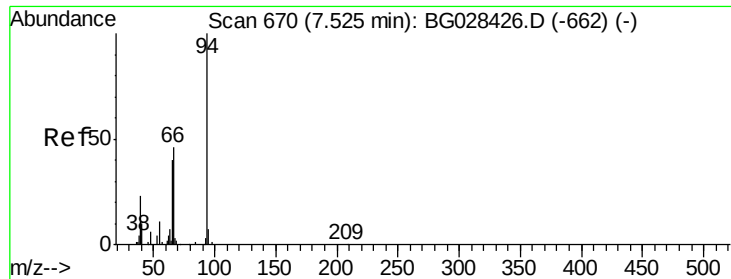
Instrument :
BNA_G
ClientSampled :
E7GC5

Manual Integrations
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Quant Time: Aug 23 08:55:49 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: 2.374 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

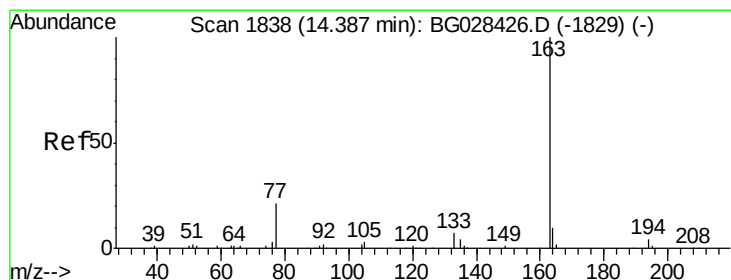
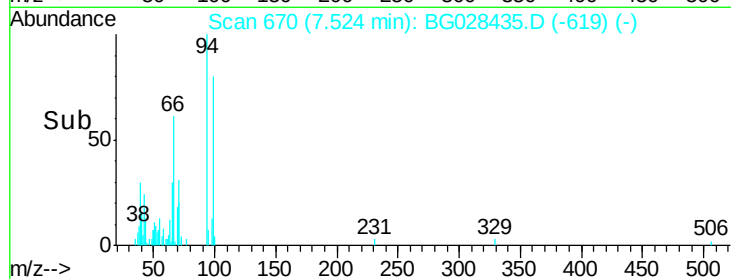
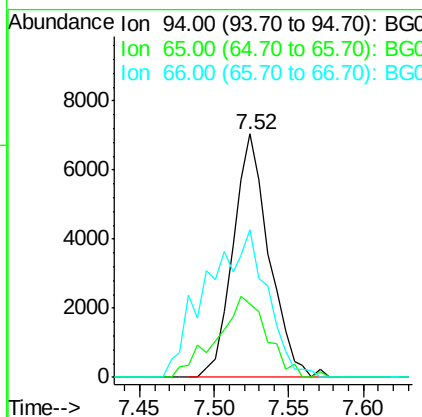
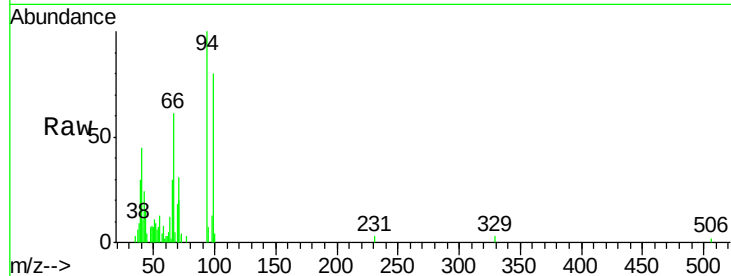
ClientSampleId :

E7GC5

Tgt Ion:	94	Resp:	11821
Ion Ratio	Lower	Upper	
94	100		
65	30.1	26.8	40.2
66	60.8	44.4	66.6

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#44

Dimethylphthalate

Concen: 12.232 ng/ul

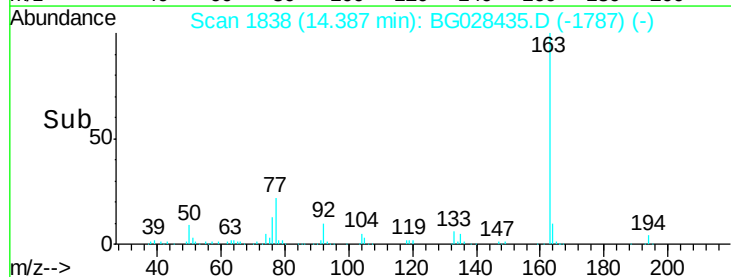
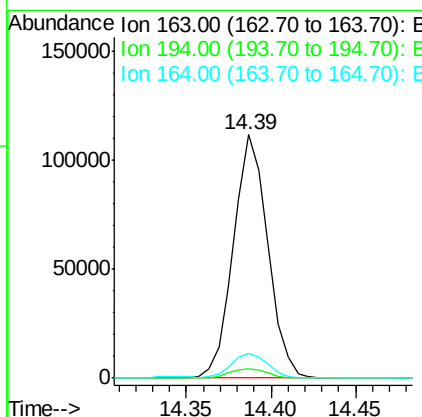
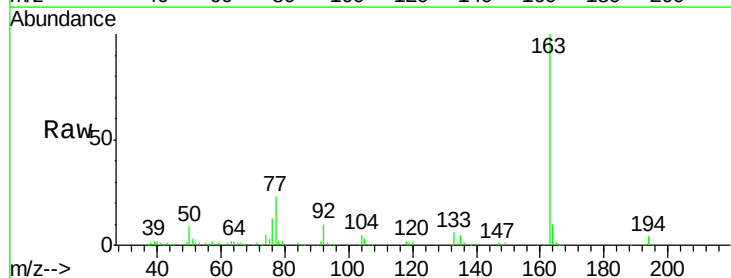
RT: 14.39 min Scan# 1838

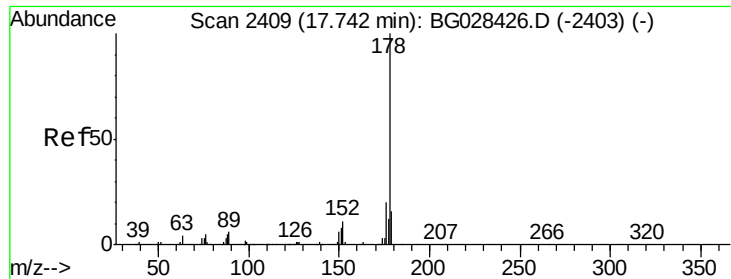
Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Tgt Ion:	163	Resp:	158181
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.4	5.0
164	10.3	9.0	13.4





#69

Phenanthrene

Concen: 1.411 ng/ul

RT: 17.74 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

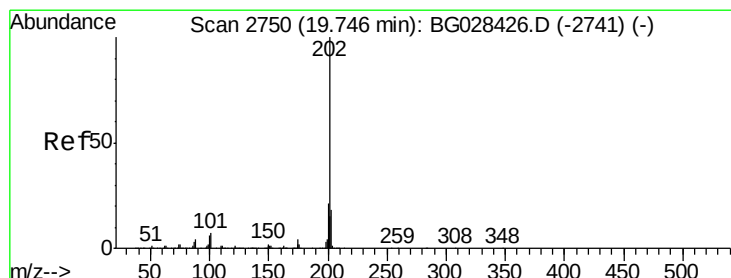
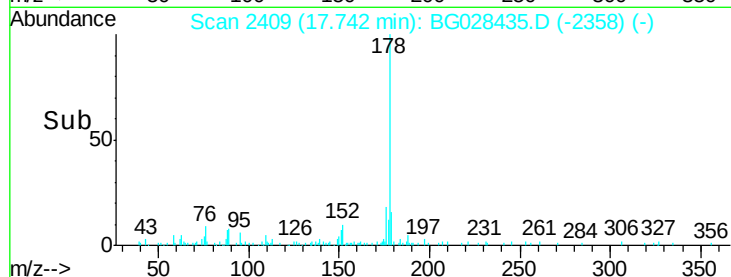
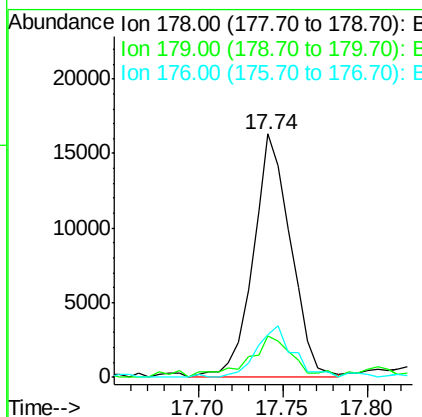
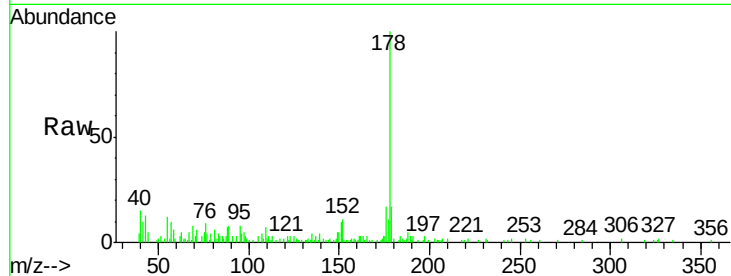
ClientSampleId :

E7GC5

Tgt Ion:	178	Resp:	25119
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.4	18.6
176	17.5	16.5	24.7

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#74

Fluoranthene

Concen: 1.713 ng/ul

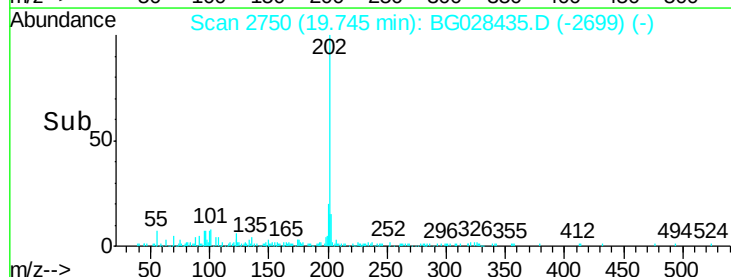
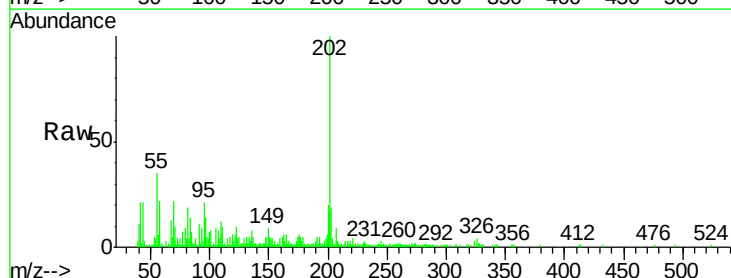
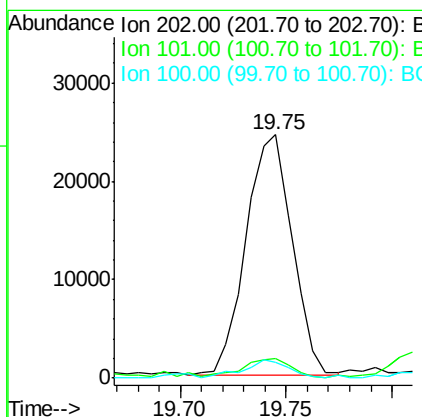
RT: 19.75 min Scan# 2750

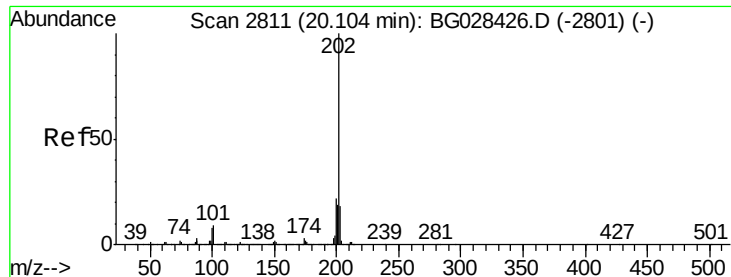
Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Tgt Ion:	202	Resp:	37062
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.2	9.2
100	6.5	5.2	7.8





#77

Pyrene

Concen: 1.390 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

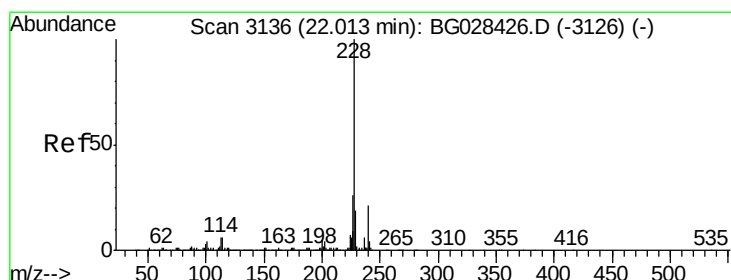
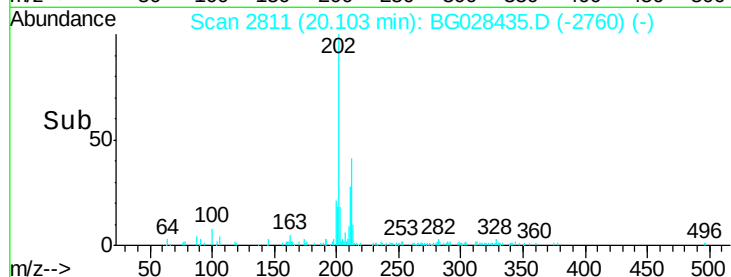
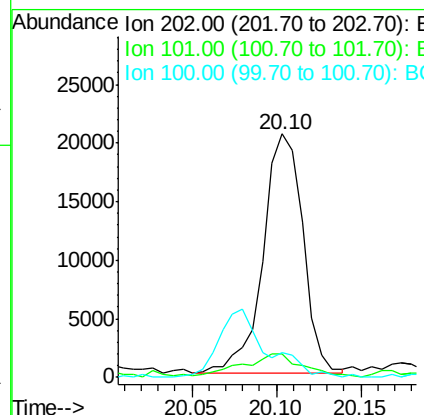
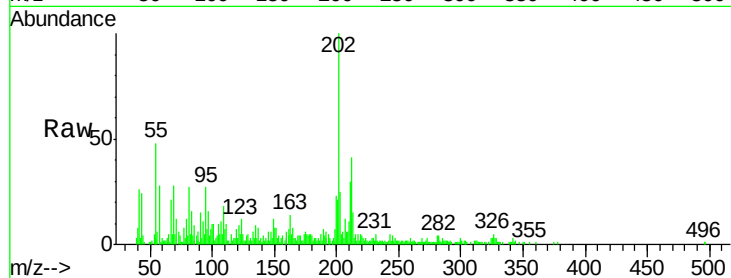
ClientSampleId :

E7GC5

Tgt Ion:	202	Resp:	33352
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.9	10.3
100	10.3	6.6	10.0#

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#80

Benzo(a)anthracene

Concen: 1.109 ng/ul

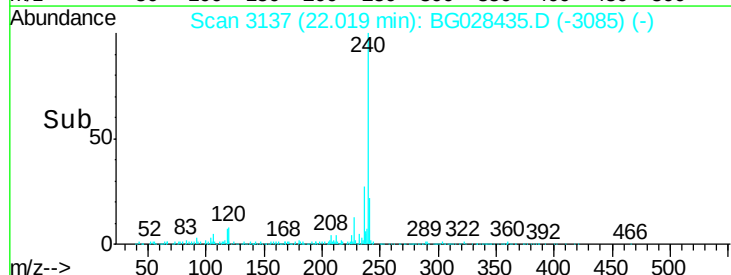
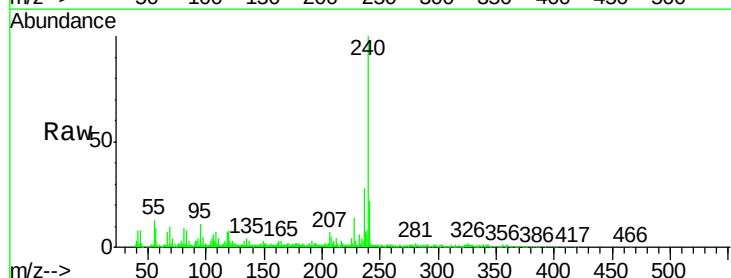
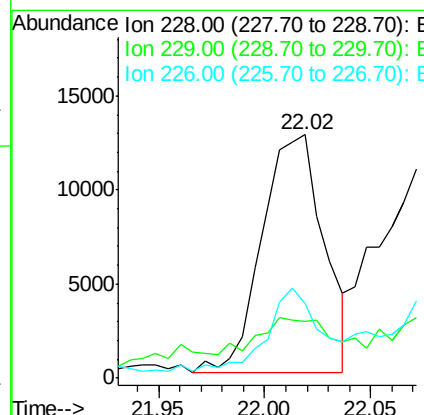
RT: 22.02 min Scan# 3137

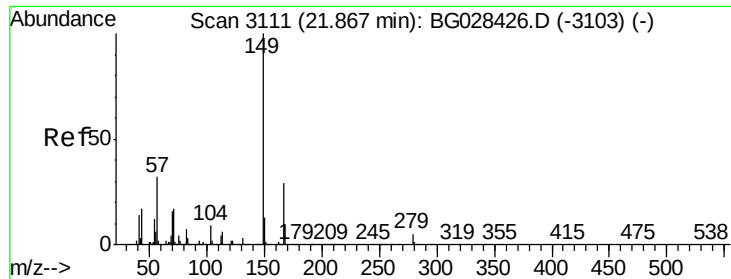
Delta R.T. 0.01 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Tgt Ion:	228	Resp:	25782
Ion Ratio	Lower	Upper	
228	100		
229	23.4	16.3	24.5
226	30.7	21.9	32.9





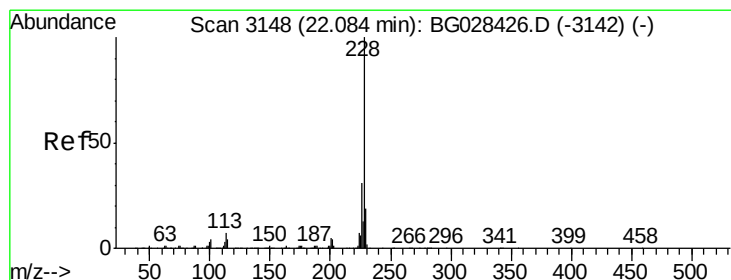
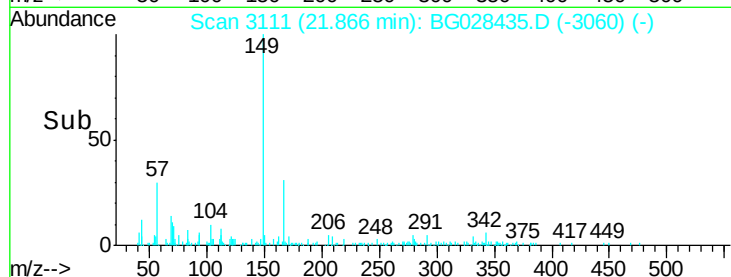
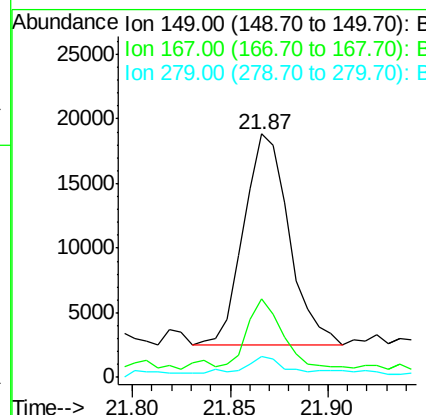
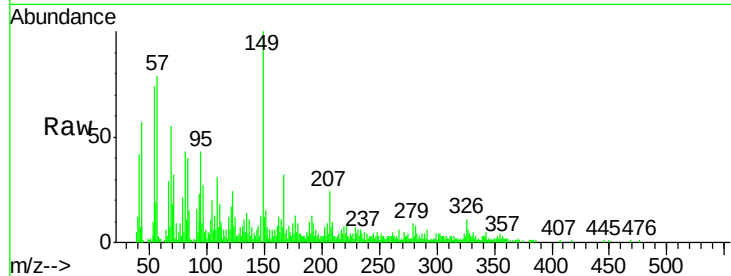
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 2.067 ng/ul
 RT: 21.87 min Scan# 3111
 Delta R.T. -0.00 min
 Lab File: BG028435.D
 Acq: 23 Aug 2017 2:37

Instrument :
 BNA_G
 ClientSampled :
 E7GC5

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.1	21.8	32.8
279	8.5	4.5	6.7#

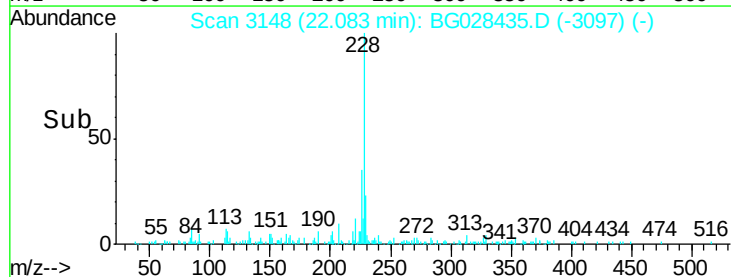
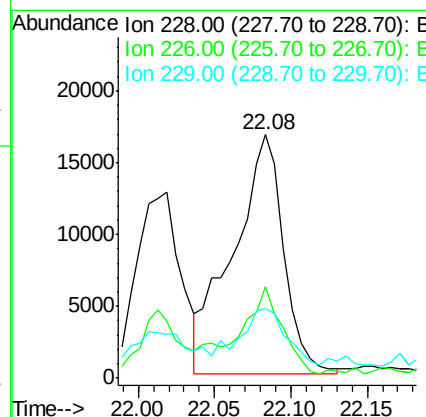
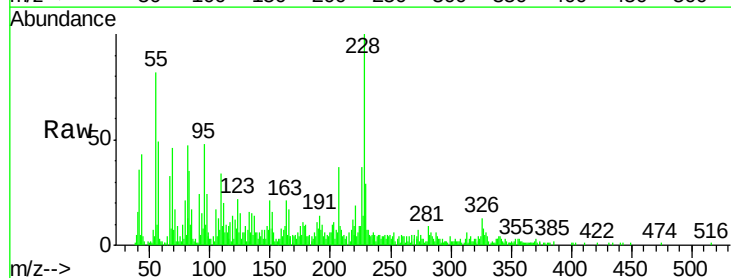
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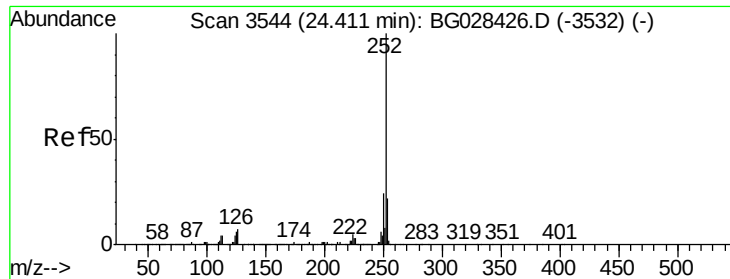
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#82
 Chrysene
 Concen: 1.841 ng/ul m
 RT: 22.08 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG028435.D
 Acq: 23 Aug 2017 2:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	24.0	36.0#
229	28.7	16.9	25.3#





#85

Benzo(b)fluoranthene

Concen: 2.888 ng/ul

RT: 24.42 min Scan# 3546

Delta R.T. 0.01 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

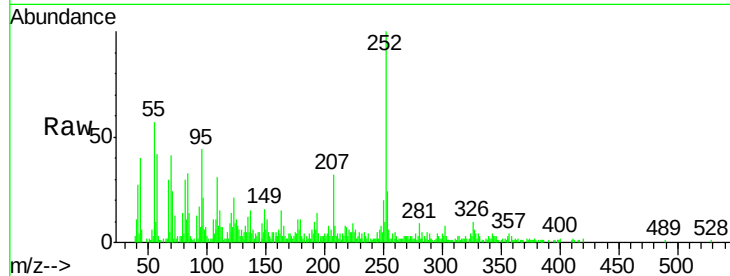
ClientSampled :

E7GC5

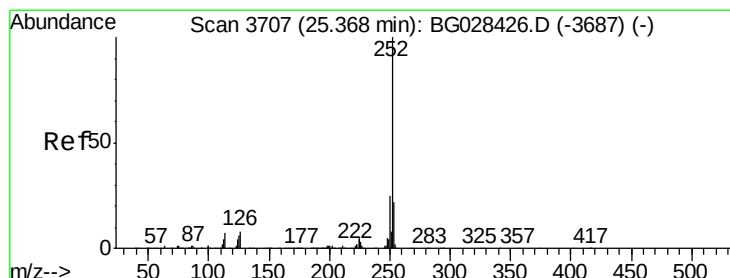
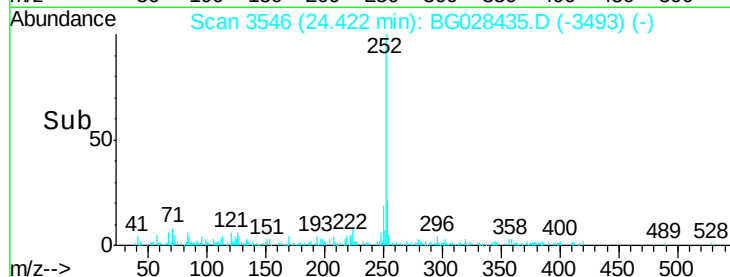
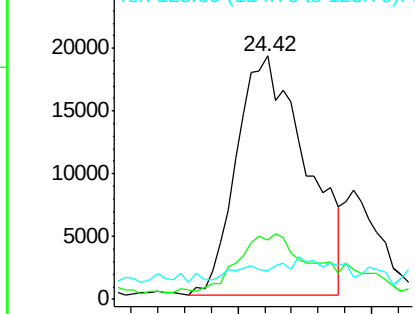
Tgt Ion:	252	Resp:	69194
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.7	26.5
125	11.5	4.0	6.0#

Manual Integrations
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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



#88

Benzo(a)pyrene

Concen: 1.579 ng/ul

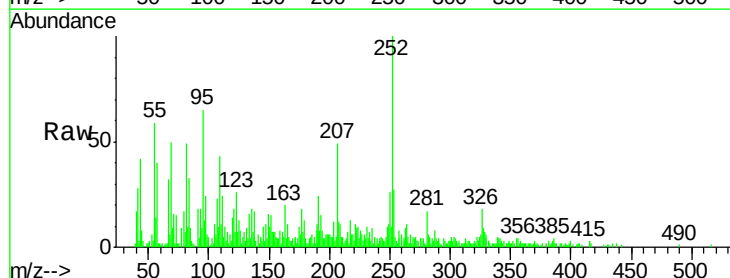
RT: 25.37 min Scan# 3708

Delta R.T. 0.01 min

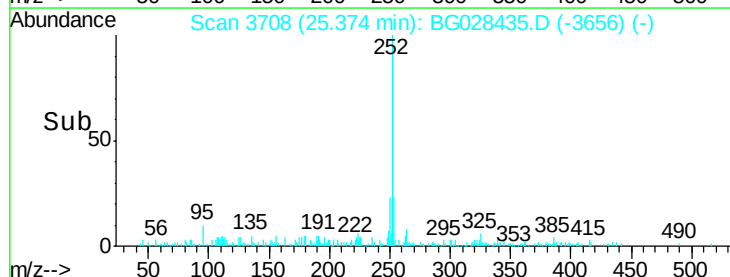
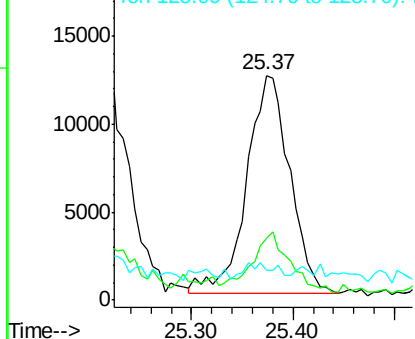
Lab File: BG028435.D

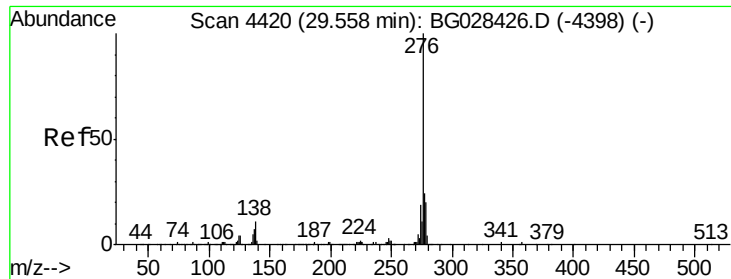
Acq: 23 Aug 2017 2:37

Tgt Ion:	252	Resp:	36633
Ion Ratio	Lower	Upper	
252	100		
253	27.3	17.8	26.6#
125	13.3	5.4	8.0#



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: 1.525 ng/ul

RT: 29.57 min Scan# 4423

Delta R.T. 0.02 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Instrument :

BNA_G

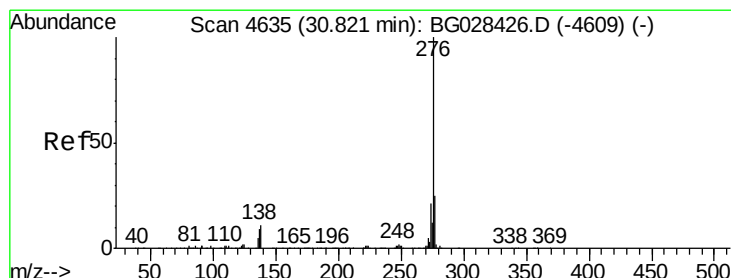
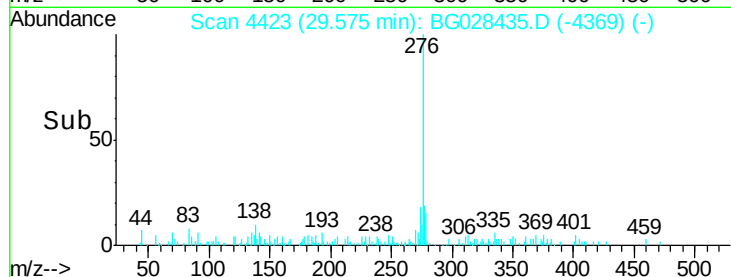
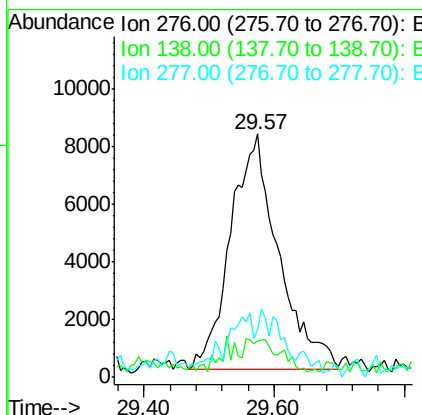
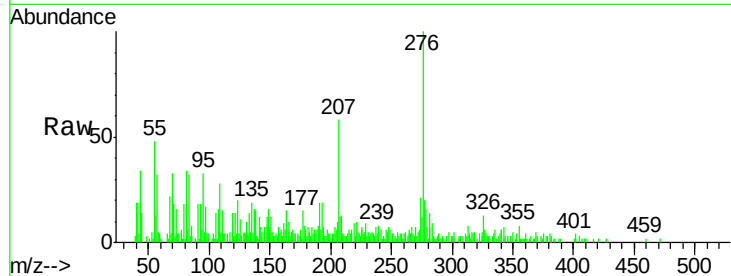
ClientSampled :

E7GC5

Tgt Ion:	276	Resp:	41420
Ion Ratio	Lower	Upper	
276	100		
138	14.9	8.2	12.4#
277	19.5	18.6	28.0

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#91

Benzo(g,h,i)perylene

Concen: 2.270 ng/ul

RT: 30.84 min Scan# 4639

Delta R.T. 0.02 min

Lab File: BG028435.D

Acq: 23 Aug 2017 2:37

Tgt Ion:	276	Resp:	50737
Ion Ratio	Lower	Upper	
276	100		
138	13.2	8.6	12.8#
277	22.1	17.6	26.4

