

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028285.D
 Acq On : 11 Aug 2017 8:32
 Operator : SJ/JU
 Sample : I4550-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF6

Manual Integrations
 APPROVED

Sohil
 8/14/2017 4:03:23 PM

Quant Time: Aug 11 11:28:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 11 04:08:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	43136	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	192398	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	132969	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	314179	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	333096	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	328019	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3837	4.14	ng/uL	0.00
5) Phenol-d5	7.50	99	96026	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	59579	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	69074	23.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	66230	16.73	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	34647	23.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	41582	25.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	78602	23.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75106	19.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	278439	23.54	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	317506	23.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	25203	13.40	ng/ul	0.00
57) Fluorene-d10	15.95	176	234107	22.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	34078	16.70	ng/ul	0.00
70) Anthracene-d10	17.81	188	371661m	24.67	ng/ul	0.00
76) Pyrene-d10	20.08	212	424253	24.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	383541	24.98	ng/ul	0.00
Target Compounds						
6) Phenol	7.53	94	14876	3.160	ng/ul	91
44) Dimethylphthalate	14.39	163	86011	7.899	ng/ul#	96
69) Phenanthrene	17.75	178	41544	2.628	ng/ul	99
74) Fluoranthene	19.75	202	48168	2.507	ng/ul#	95
77) Pyrene	20.10	202	40833	2.055	ng/ul#	95
80) Benzo(a)anthracene	22.01	228	22479m	1.168	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.87	149	11405	1.077	ng/ul#	90
82) Chrysene	22.08	228	18170	1.048	ng/ul	99
85) Benzo(b)fluoranthene	24.42	252	23001	1.172	ng/ul#	94
88) Benzo(a)pyrene	25.37	252	19179	1.009	ng/ul#	93

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

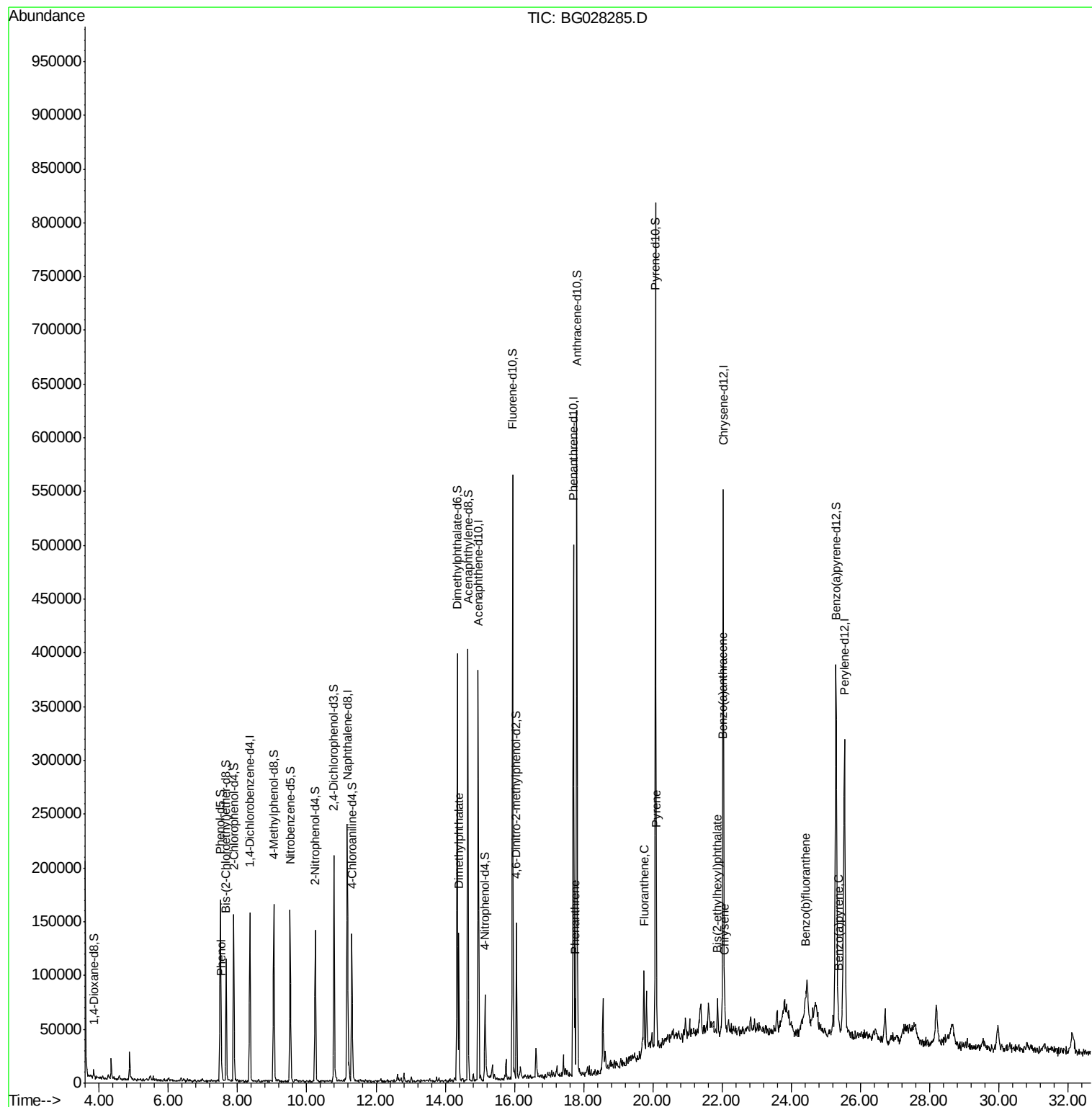
Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
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ALS Vial : 30 Sample Multiplier: 1

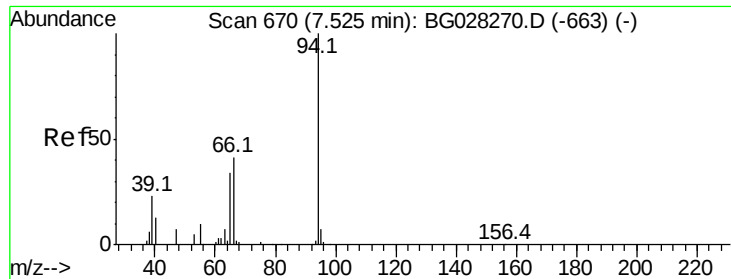
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 11 04:08:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.160 ng/ul

RT: 7.53 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

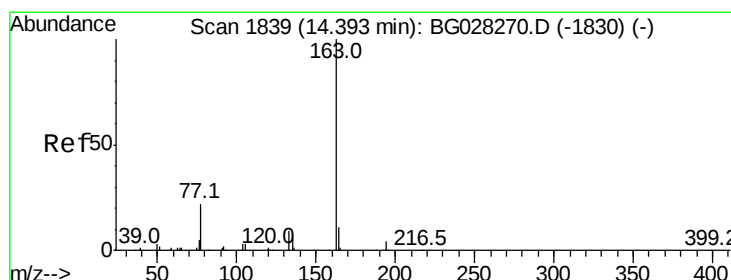
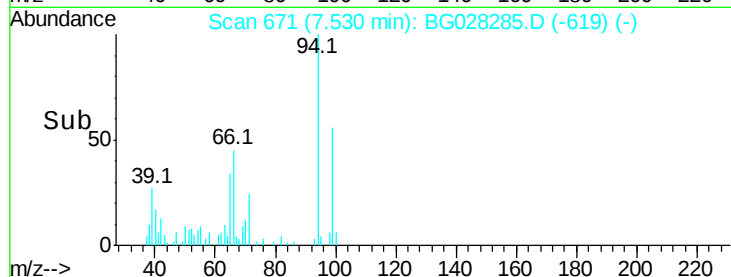
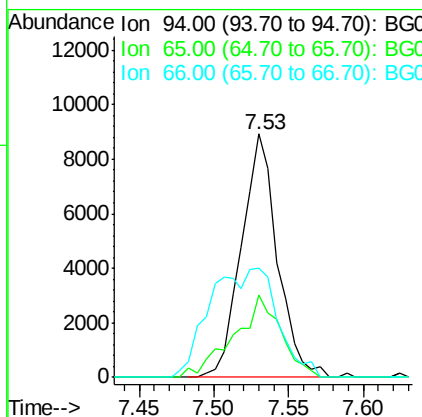
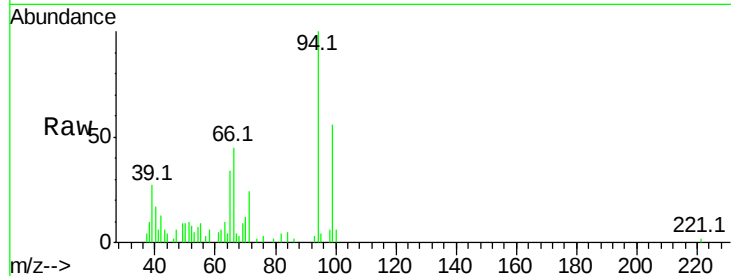
ClientSampleId :

C0AF6

Tot Ion:	94	Resp:	14876
Ion Ratio	Lower	Upper	
94	100		
65	33.8	26.8	40.2
66	45.0	44.4	66.6

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#44

Dimethylphthalate

Concen: 7.899 ng/ul

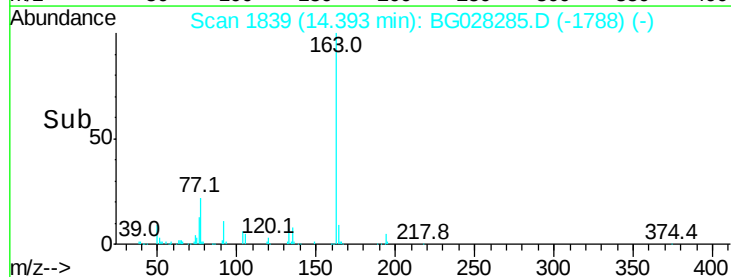
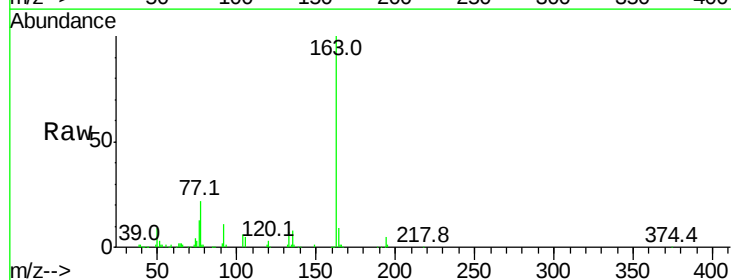
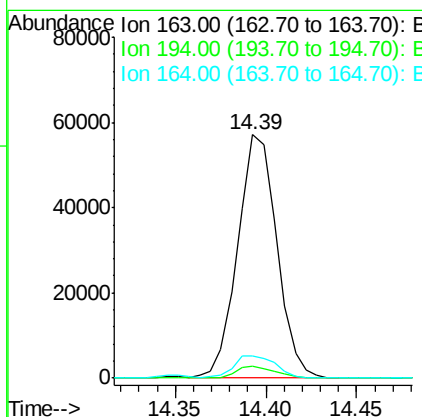
RT: 14.39 min Scan# 1839

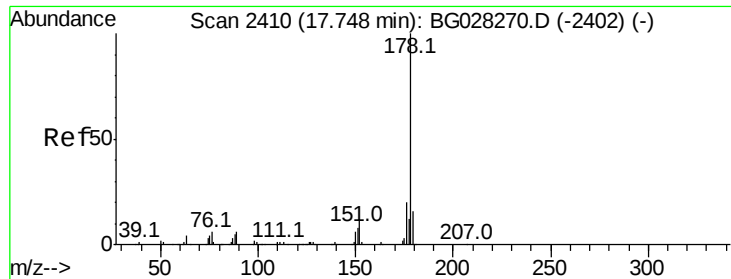
Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Tgt Ion:	163	Resp:	86011
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.0#
164	9.4	9.0	13.4





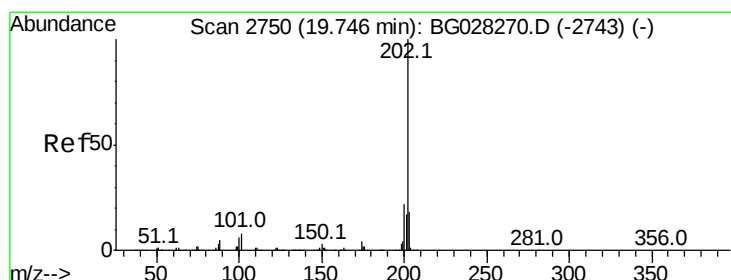
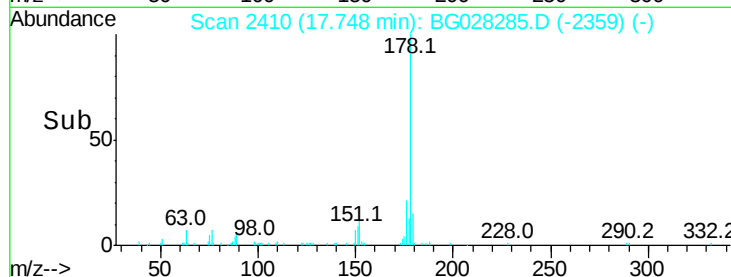
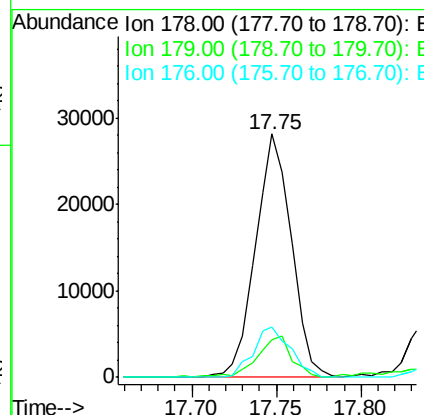
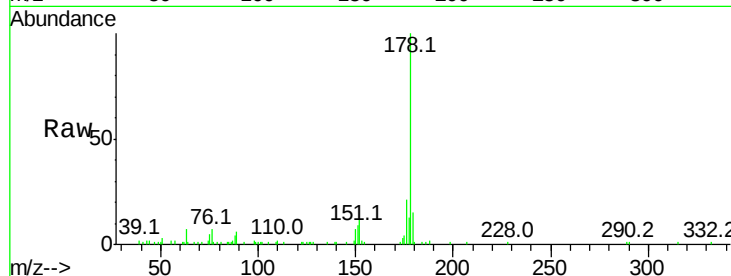
#69
Phenanthrene
Concen: 2.628 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BG028285.D
Acq: 11 Aug 2017 8:32

Instrument :
BNA_G
ClientSampleId :
C0AF6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	20.9	16.5	24.7

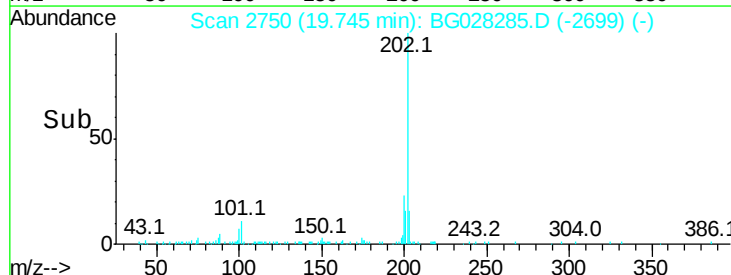
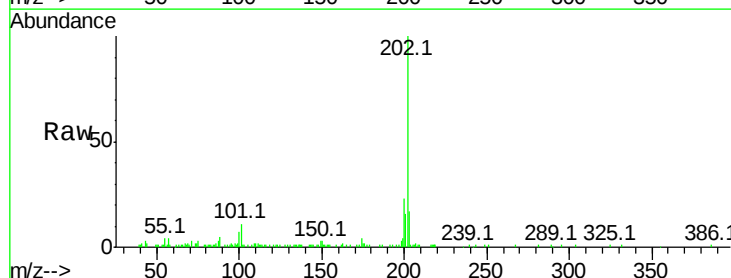
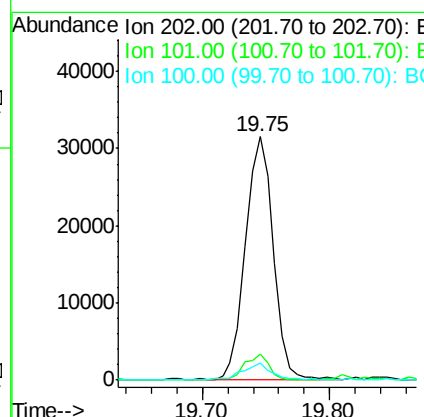
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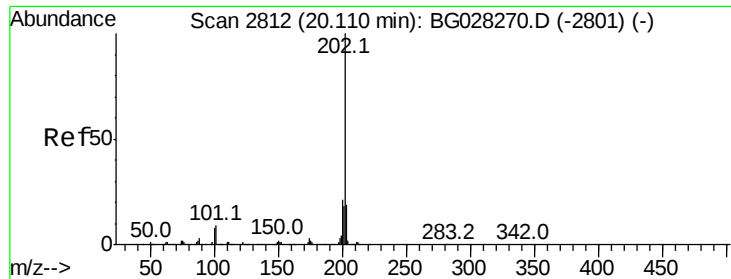
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#74
Fluoranthene
Concen: 2.507 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG028285.D
Acq: 11 Aug 2017 8:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	6.2	9.2#
100	6.9	5.2	7.8





#77

Pvrene

Concen: 2.055 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

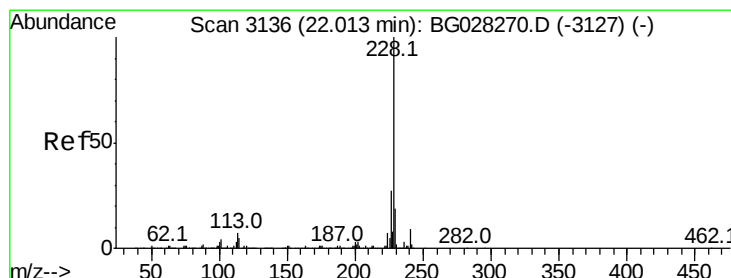
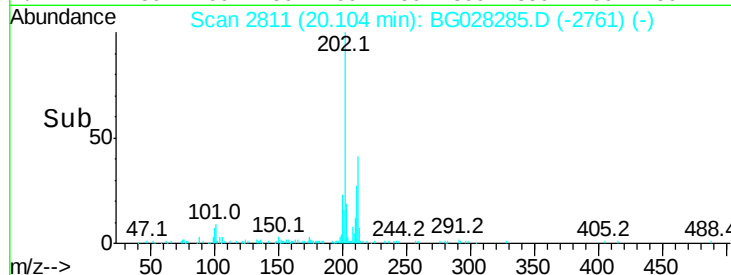
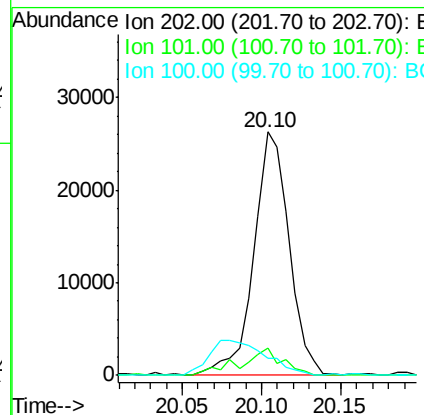
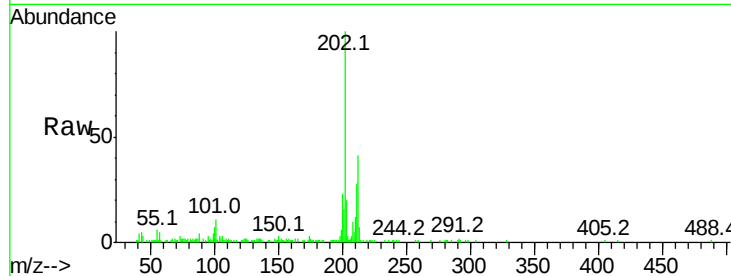
ClientSampleId :

C0AF6

Tot Ion:	202	Resp:	40833
Ion Ratio	Lower	Upper	
202	100		
101	11.0	6.9	10.3#
100	6.9	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 1.168 ng/ul m

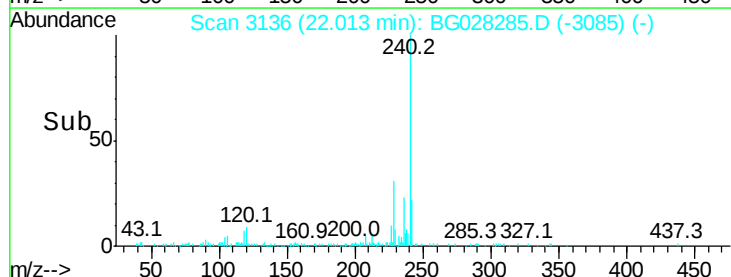
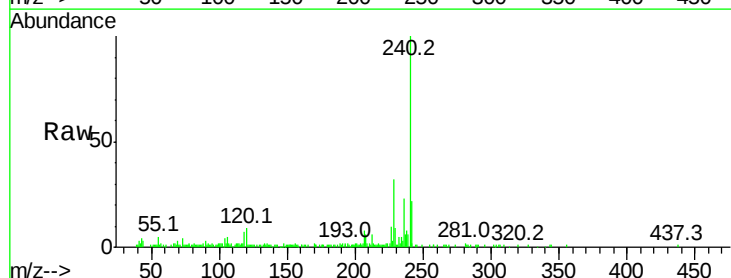
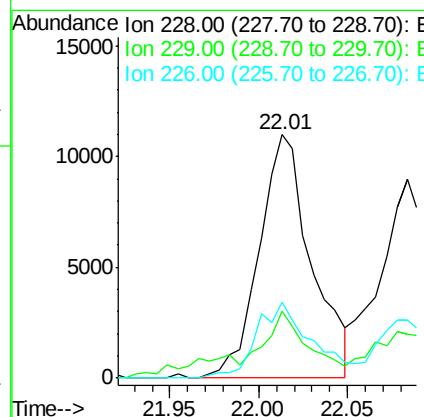
RT: 22.01 min Scan# 3136

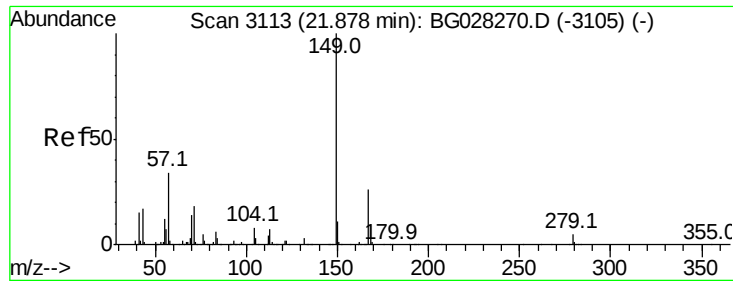
Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Tgt Ion:	228	Resp:	22479
Ion Ratio	Lower	Upper	
228	100		
229	27.4	16.3	24.5#
226	31.1	21.9	32.9





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.077 ng/ul

RT: 21.87 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

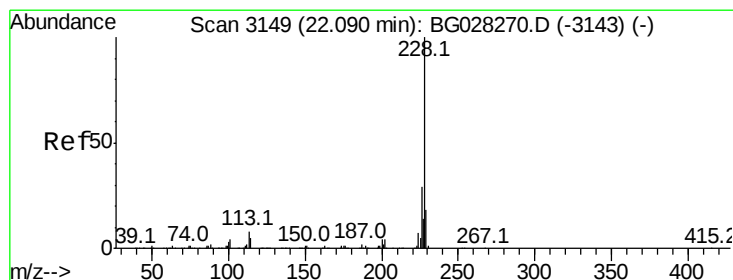
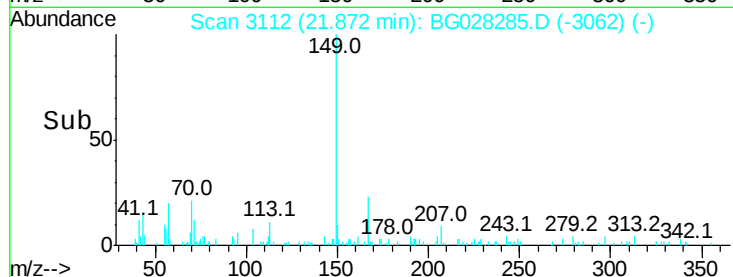
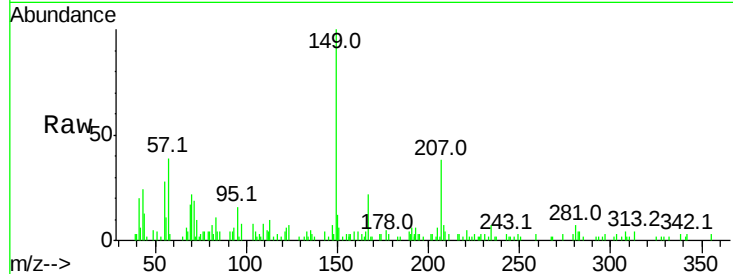
ClientSampleId :

C0AF6

Tot Ion:	149	Resp:	11405
Ion Ratio	Lower	Upper	
149	100		
167	21.8	21.8	32.8#
279	3.5	4.5	6.7#

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#82

Chrysene

Concen: 1.048 ng/ul

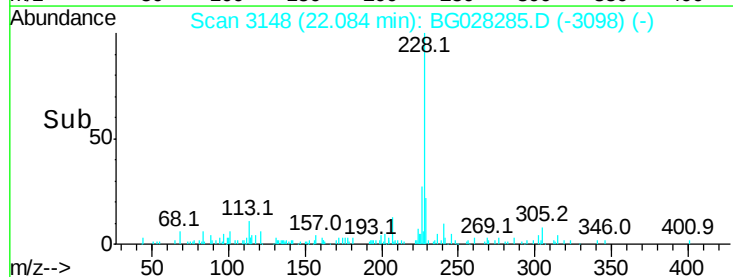
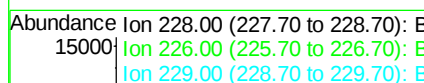
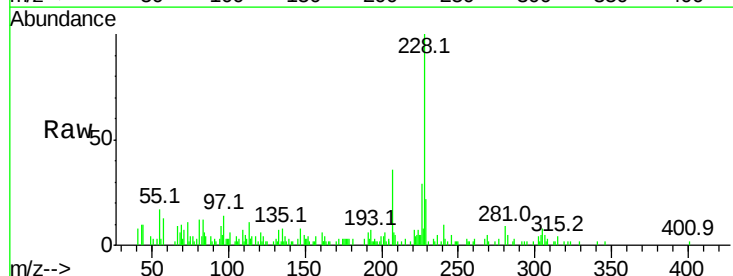
RT: 22.08 min Scan# 3148

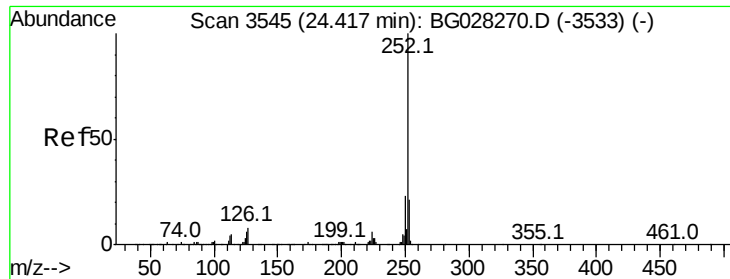
Delta R.T. -0.01 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Tgt Ion:	228	Resp:	18170
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	22.0	16.9	25.3





#85

Benzo(b)fluoranthene

Concen: 1.172 ng/ul

RT: 24.42 min Scan# 3545

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Instrument :

BNA_G

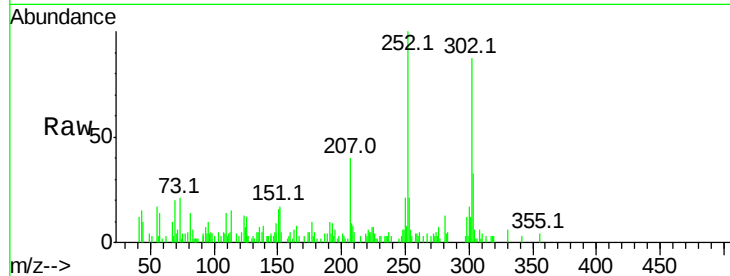
ClientSampleId :

C0AF6

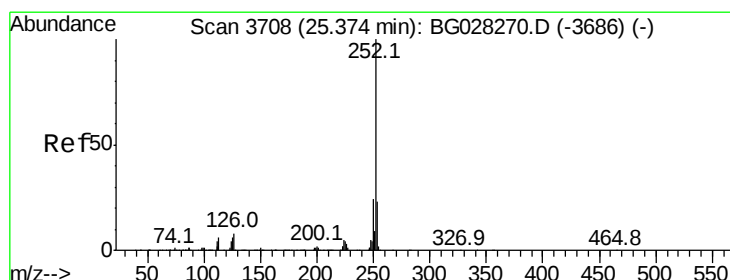
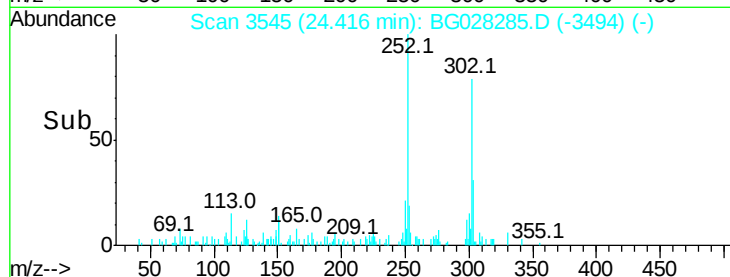
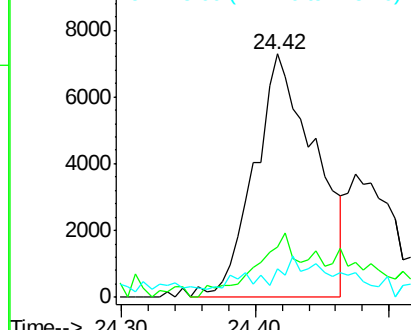
Tot Ion:	252	Resp:	23001
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.7	26.5
125	11.9	4.0	6.0#

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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



#88

Benzo(a)pyrene

Concen: 1.009 ng/ul

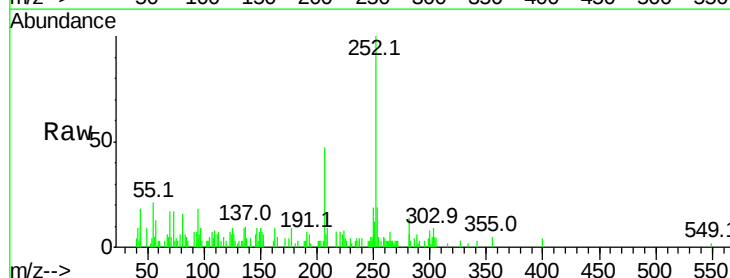
RT: 25.37 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG028285.D

Acq: 11 Aug 2017 8:32

Tgt Ion:	252	Resp:	19179
Ion Ratio	Lower	Upper	
252	100		
253	19.0	17.8	26.6
125	9.3	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

