

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
 Data File : BG028460.D
 Acq On : 24 Aug 2017 14:49
 Operator : SJ/JU
 Sample : I4840-10 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AK6

Manual Integrations
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Sohil
 8/25/2017 5:43:37 PM

Quant Time: Aug 25 02:01:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 25 01:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	32271	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	143144	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	104862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	252254	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	290865	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	298310	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.81	96	313	0.45	ng/uL	0.00
5) Phenol-d5	7.50	99	8177	2.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	5744	2.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	6176	2.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	6676	2.25	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	3433	3.07	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.23	143	3879	3.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	6902	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	2864	1.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	28331	3.04	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	30094	2.86	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	2370	1.60	ng/ul	0.02
57) Fluorene-d10	15.94	176	25780	3.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	2732	1.67	ng/ul	0.00
70) Anthracene-d10	17.79	188	40659	3.36	ng/ul	0.00
76) Pyrene-d10	20.07	212	47958	3.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.28	264	46372	3.32	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
44) Dimethylphthalate	14.39	163	10526	1.226	ng/ul#	96
69) Phenanthrene	17.74	178	58561	4.613	ng/ul	97
74) Fluoranthene	19.74	202	86650	5.616	ng/ul	97
77) Pyrene	20.10	202	78858	4.544	ng/ul#	97
80) Benzo(a)anthracene	22.01	228	43167	2.569	ng/ul	96
82) Chrysene	22.08	228	46867	3.096	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	51926	2.909	ng/ul	93
86) Benzo(k)fluoranthene	24.48	252	23794m	1.365	ng/ul	
88) Benzo(a)pyrene	25.37	252	37425m	2.165	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.55	276	23039	1.138	ng/ul#	93
91) Benzo(g,h,i)perylene	30.83	276	20196m	1.213	ng/ul	

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

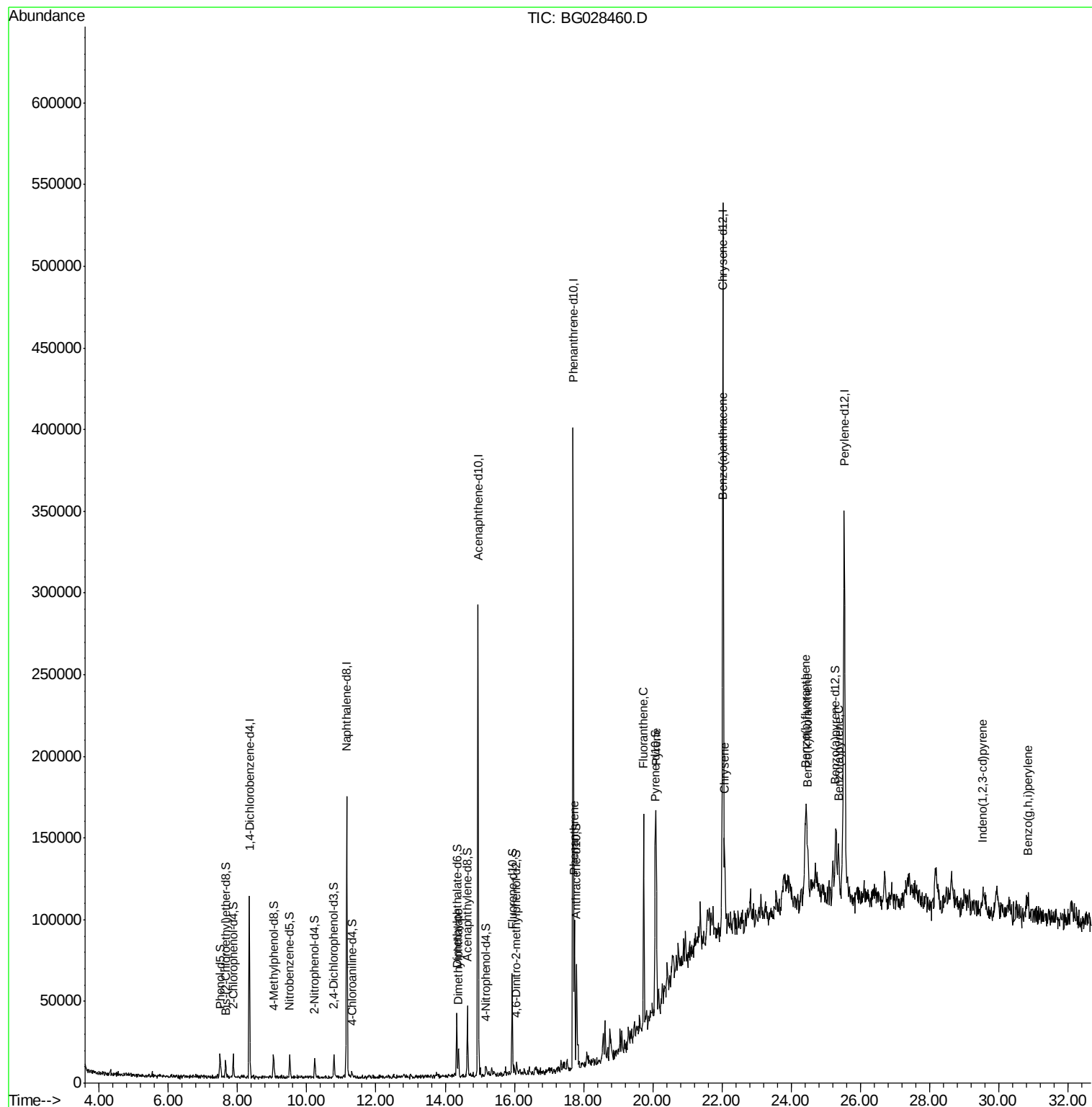
Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028460.D
Acq On : 24 Aug 2017 14:49
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Sample : I4840-10 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

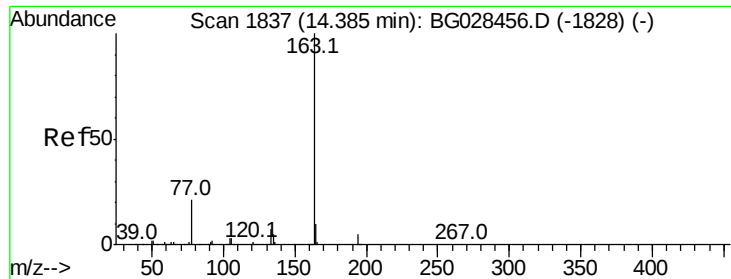
Instrument :
BNA_G
ClientSampled :
B0AK6

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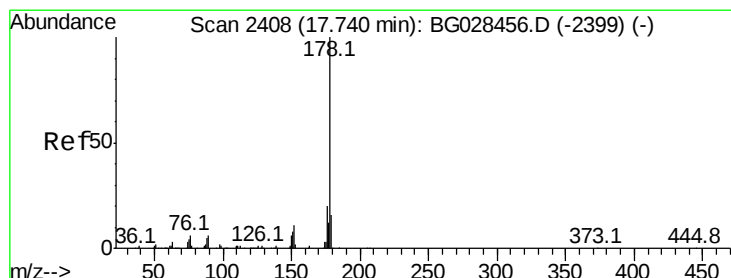
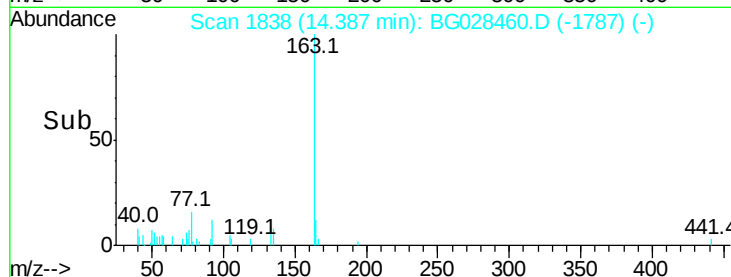
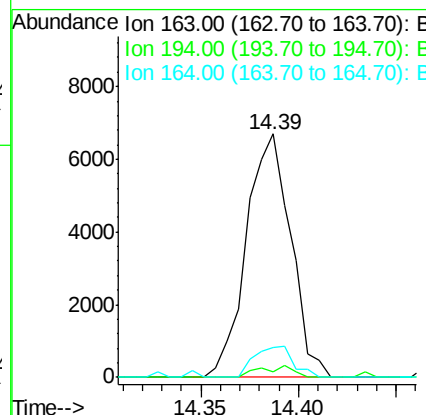
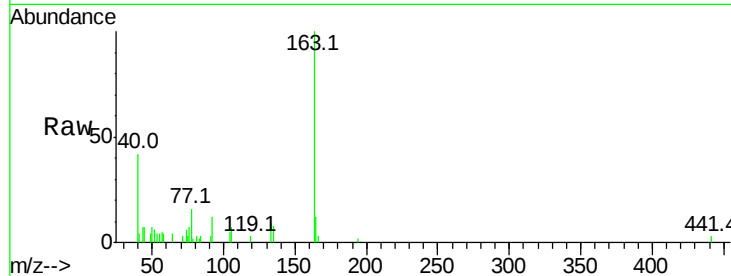
#44
Dimethylphthalate
Concen: 1.226 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BG028460.D
Acq: 24 Aug 2017 14:49

Instrument :
BNA_G
ClientSampleId :
B0AK6

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.4	3.4	5.0#
164	12.3	9.0	13.4

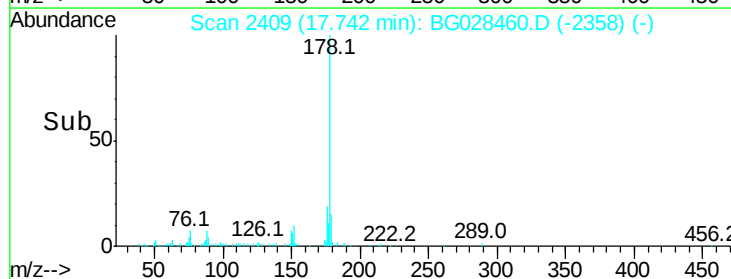
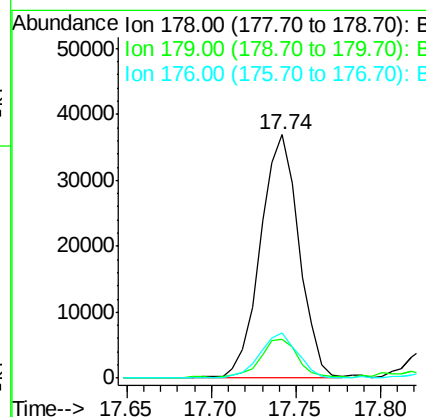
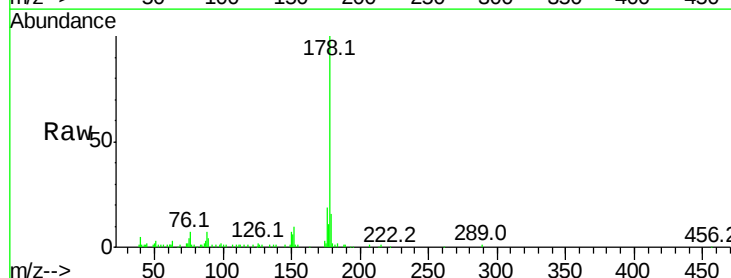
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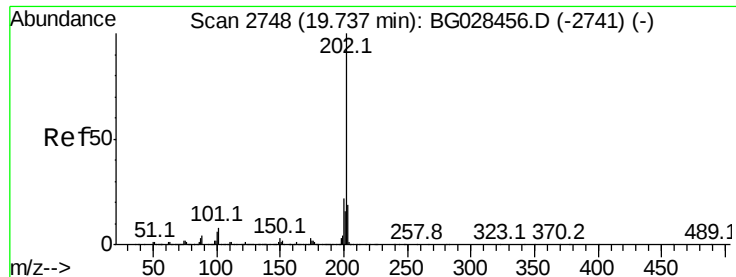
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#69
Phenanthrene
Concen: 4.613 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028460.D
Acq: 24 Aug 2017 14:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	18.8	16.5	24.7





#74

Fluoranthene

Concen: 5.616 ng/ul

RT: 19.74 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

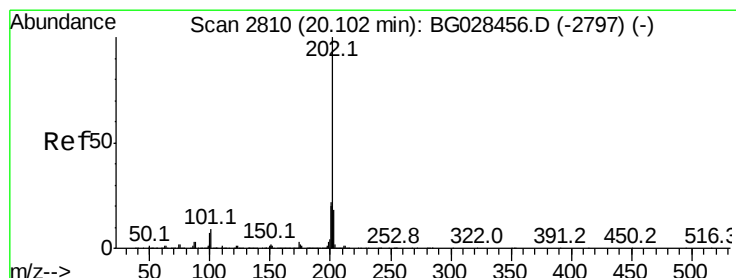
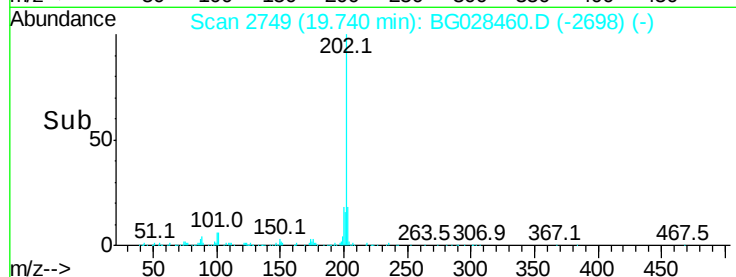
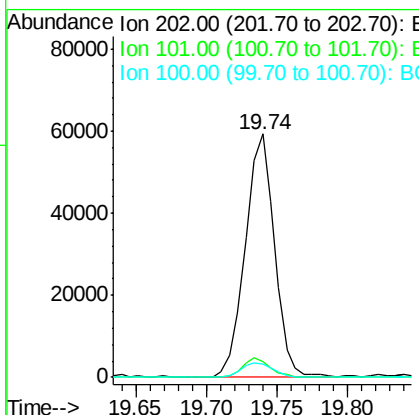
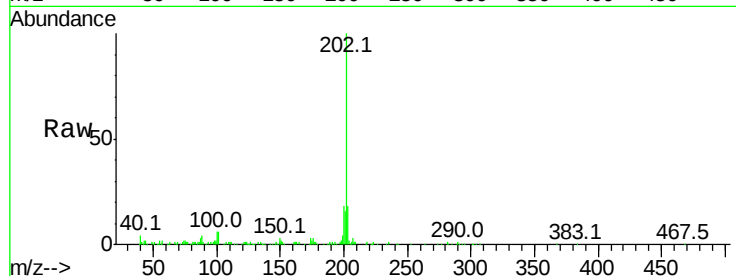
ClientSampleId :

B0AK6

Tot Ion:	202	Resp:	86650
Ion Ratio	Lower	Upper	
202	100		
101	6.5	6.2	9.2
100	5.5	5.2	7.8

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#77

Pyrene

Concen: 4.544 ng/ul

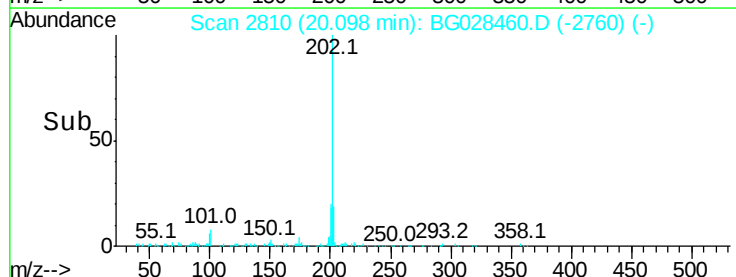
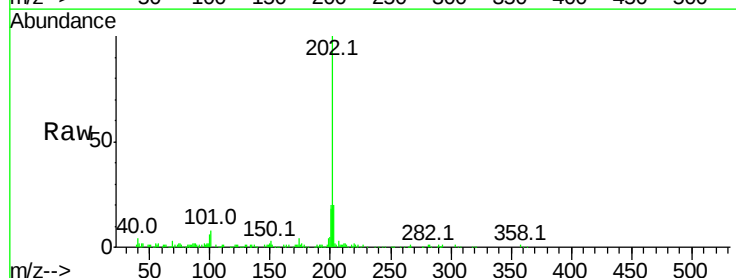
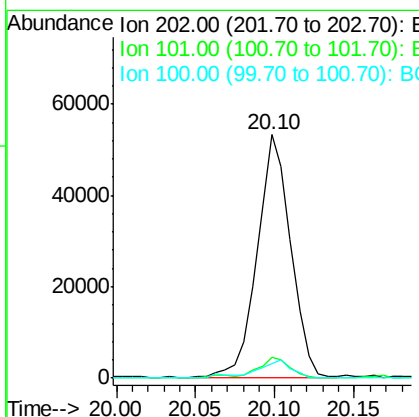
RT: 20.10 min Scan# 2810

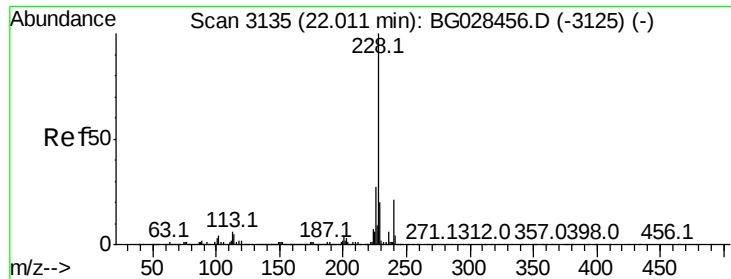
Delta R.T. -0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Tgt Ion:	202	Resp:	78858
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	6.1	6.6	10.0#





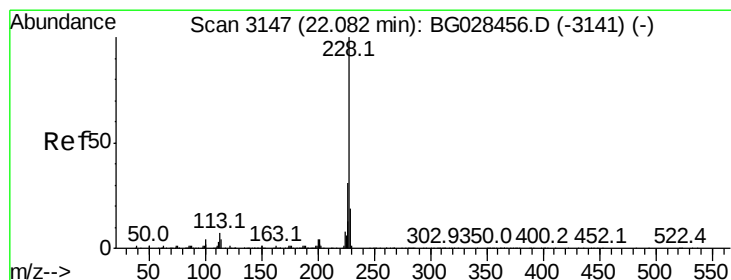
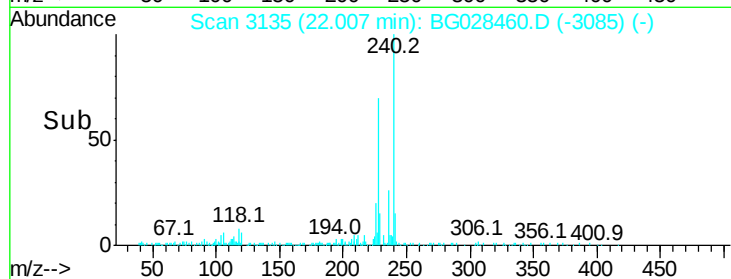
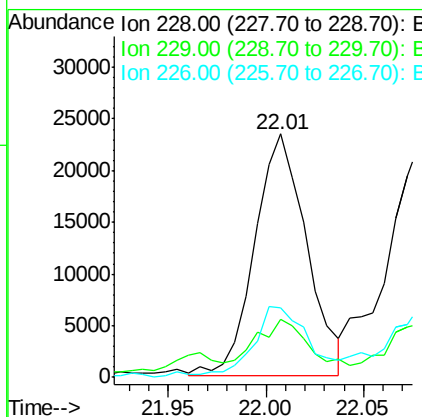
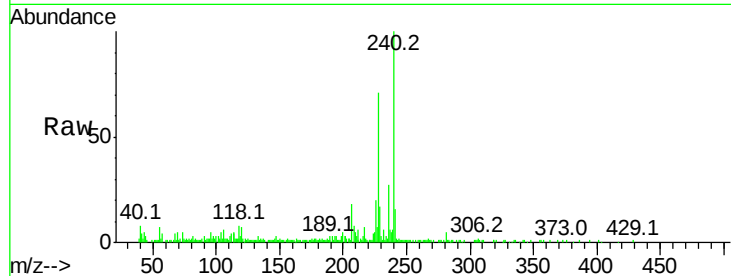
#80
Benzo(a)anthracene
Concen: 2.569 ng/ul
RT: 22.01 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG028460.D
Acq: 24 Aug 2017 14:49

Instrument :
BNA_G
ClientSampleId :
B0AK6

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.3	24.5
226	28.5	21.9	32.9

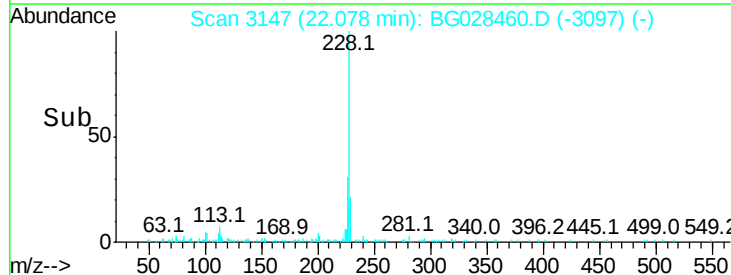
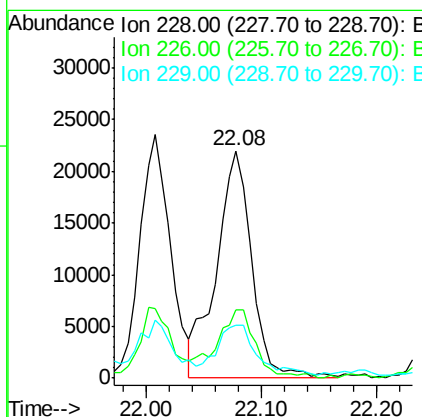
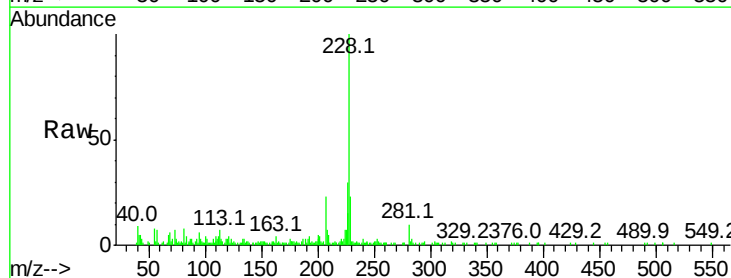
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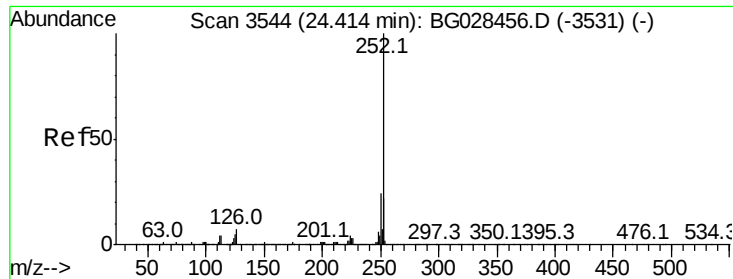
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#82
Chrysene
Concen: 3.096 ng/ul
RT: 22.08 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG028460.D
Acq: 24 Aug 2017 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	23.5	16.9	25.3





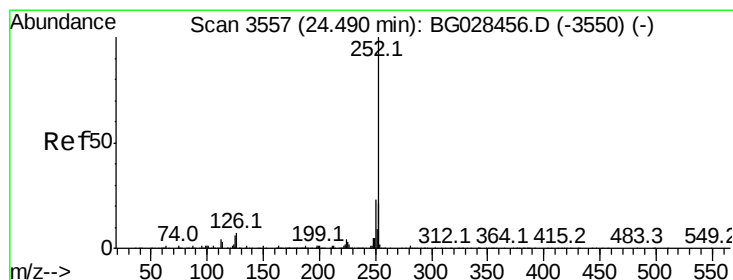
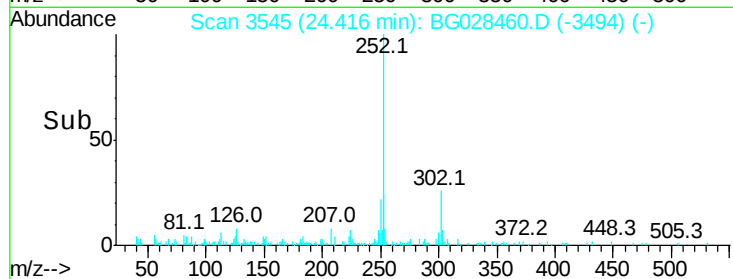
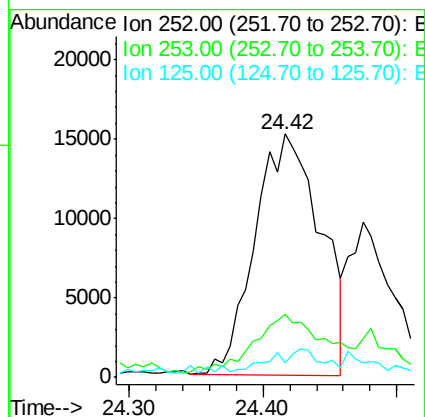
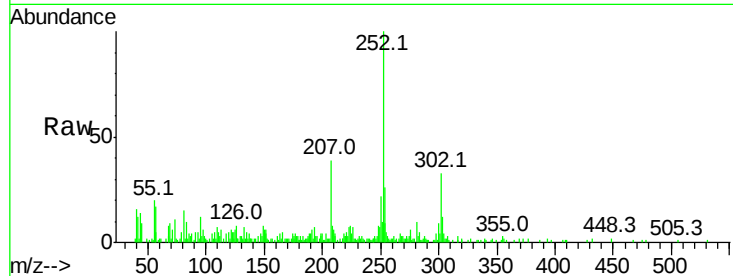
#85
Benzo(b)fluoranthene
Concen: 2.909 ng/ul
RT: 24.42 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG028460.D
Acq: 24 Aug 2017 14:49

Instrument :
BNA_G
ClientSampleId :
B0AK6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	6.0	4.0	6.0

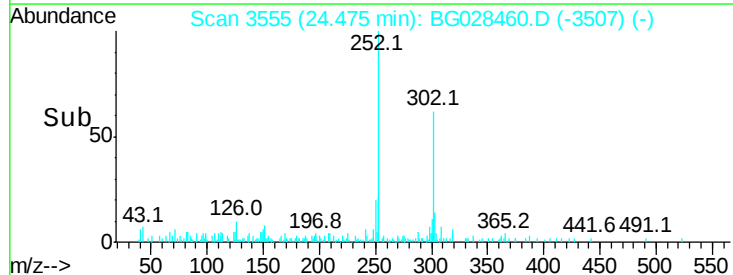
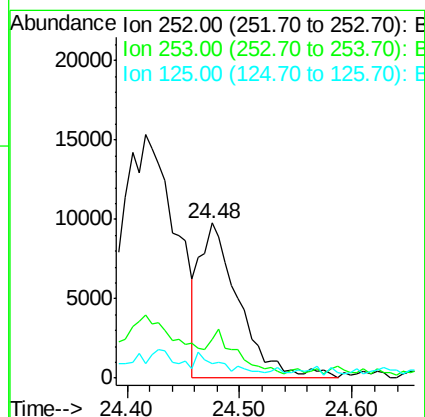
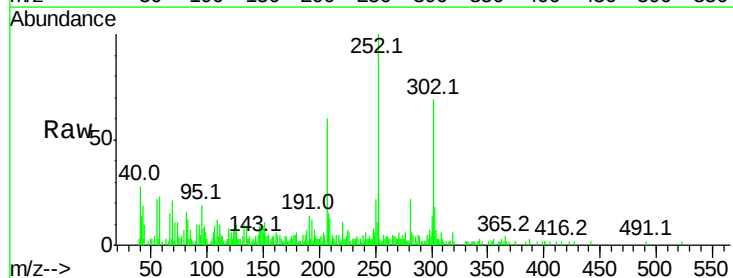
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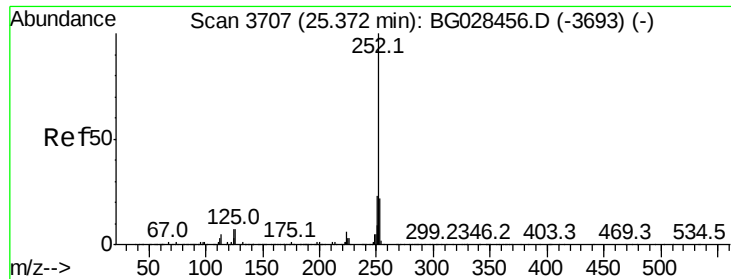
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#86
Benzo(k)fluoranthene
Concen: 1.365 ng/ul m
RT: 24.48 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG028460.D
Acq: 24 Aug 2017 14:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	9.3	4.1	6.1#





#88

Benzo(a)pyrene

Concen: 2.165 ng/ul m

RT: 25.37 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

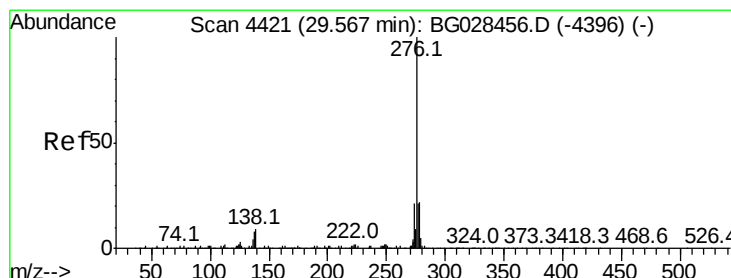
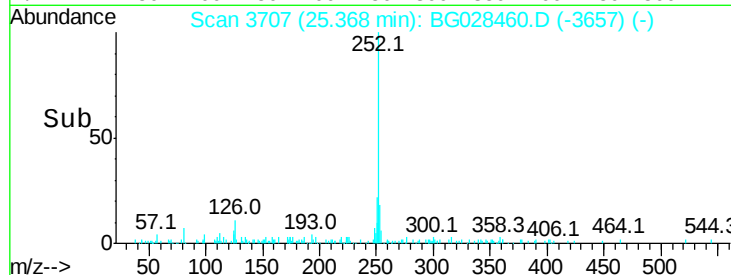
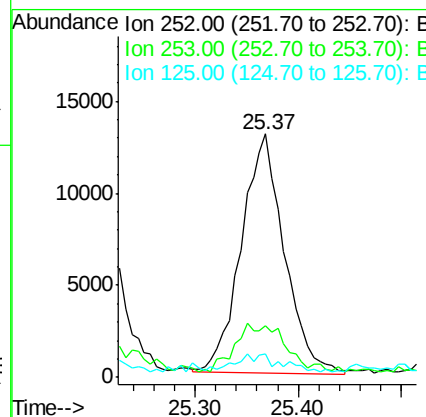
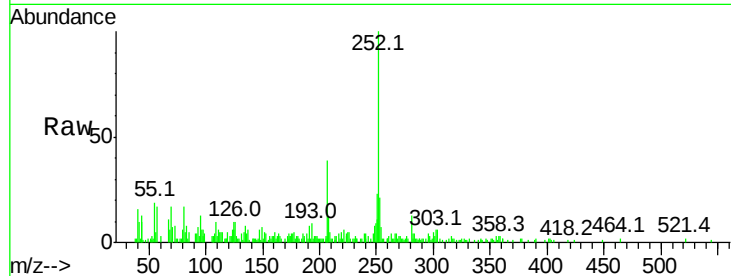
ClientSampleId :

B0AK6

Tot Ion	Ratio	Resp	Lower	Upper
252	100	37425		
253	21.1	17.8	26.6	
125	9.6	5.4	8.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 1.138 ng/ul

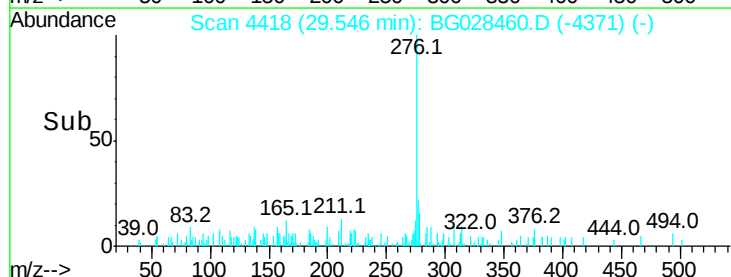
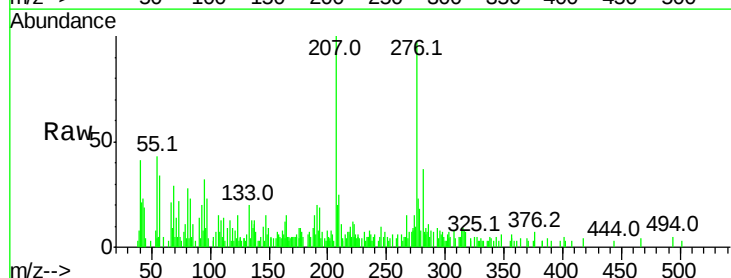
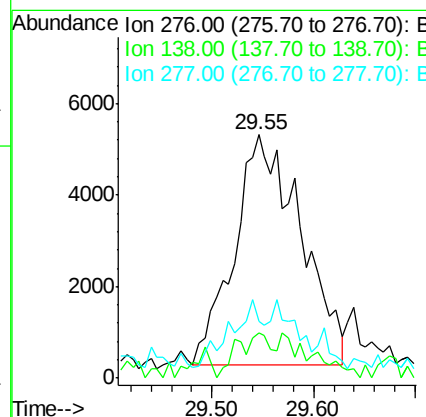
RT: 29.55 min Scan# 4418

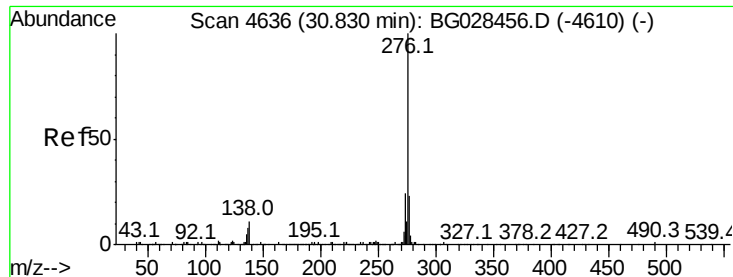
Delta R.T. -0.02 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	23039		
138	18.6	8.2	12.4	
277	23.5	18.6	28.0	





#91

Benzo(a,h,i)perylene

Concen: 1.213 ng/ul m

RT: 30.83 min Scan# 4636

Delta R.T. -0.00 min

Lab File: BG028460.D

Acq: 24 Aug 2017 14:49

Instrument :

BNA_G

ClientSampleId :

B0AK6

Tot Ion:	276	Resp:	20196
Ion Ratio	Lower	Upper	
276	100		
138	12.1	8.6	12.8
277	27.6	17.6	26.4#

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