

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028434.D
 Acq On : 23 Aug 2017 1:57
 Operator : SJ/JU
 Sample : I4713-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC4

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:35 PM

Quant Time: Aug 23 08:51:43 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	41899	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	200952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	148321	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	332652	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	373904	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	374554	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	3651	4.06	ng/uL	0.00
5) Phenol-d5	7.50	99	104554	22.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	60753	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	73079	25.17	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	79340	20.63	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	41109	26.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	49263	28.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	96916	27.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	55889	14.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	340537	25.81	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	387397	26.05	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	35049	16.71	ng/ul	0.00
57) Fluorene-d10	15.94	176	292857	24.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	49665	22.98	ng/ul	0.00
70) Anthracene-d10	17.80	188	428197	26.84	ng/ul	0.00
76) Pyrene-d10	20.07	212	536649	27.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	498866	28.45	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	11894	2.601	ng/ul	95
44) Dimethylphthalate	14.39	163	123895	10.200	ng/ul	98
69) Phenanthrene	17.75	178	37890	2.263	ng/ul#	95
74) Fluoranthene	19.74	202	40217	1.977	ng/ul#	95
77) Pyrene	20.10	202	34680	1.555	ng/ul	96
80) Benzo(a)anthracene	22.01	228	31981	1.480	ng/ul	98
82) Chrysene	22.08	228	39606m	2.036	ng/ul	
85) Benzo(b)fluoranthene	24.41	252	82867	3.697	ng/ul#	97
86) Benzo(k)fluoranthene	24.48	252	26568m	1.213	ng/ul	
88) Benzo(a)pyrene	25.37	252	45946	2.117	ng/ul#	87
89) Indeno(1,2,3-cd)pyrene	29.56	276	58827	2.315	ng/ul#	94
91) Benzo(g,h,i)perylene	30.84	276	53105m	2.540	ng/ul	

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

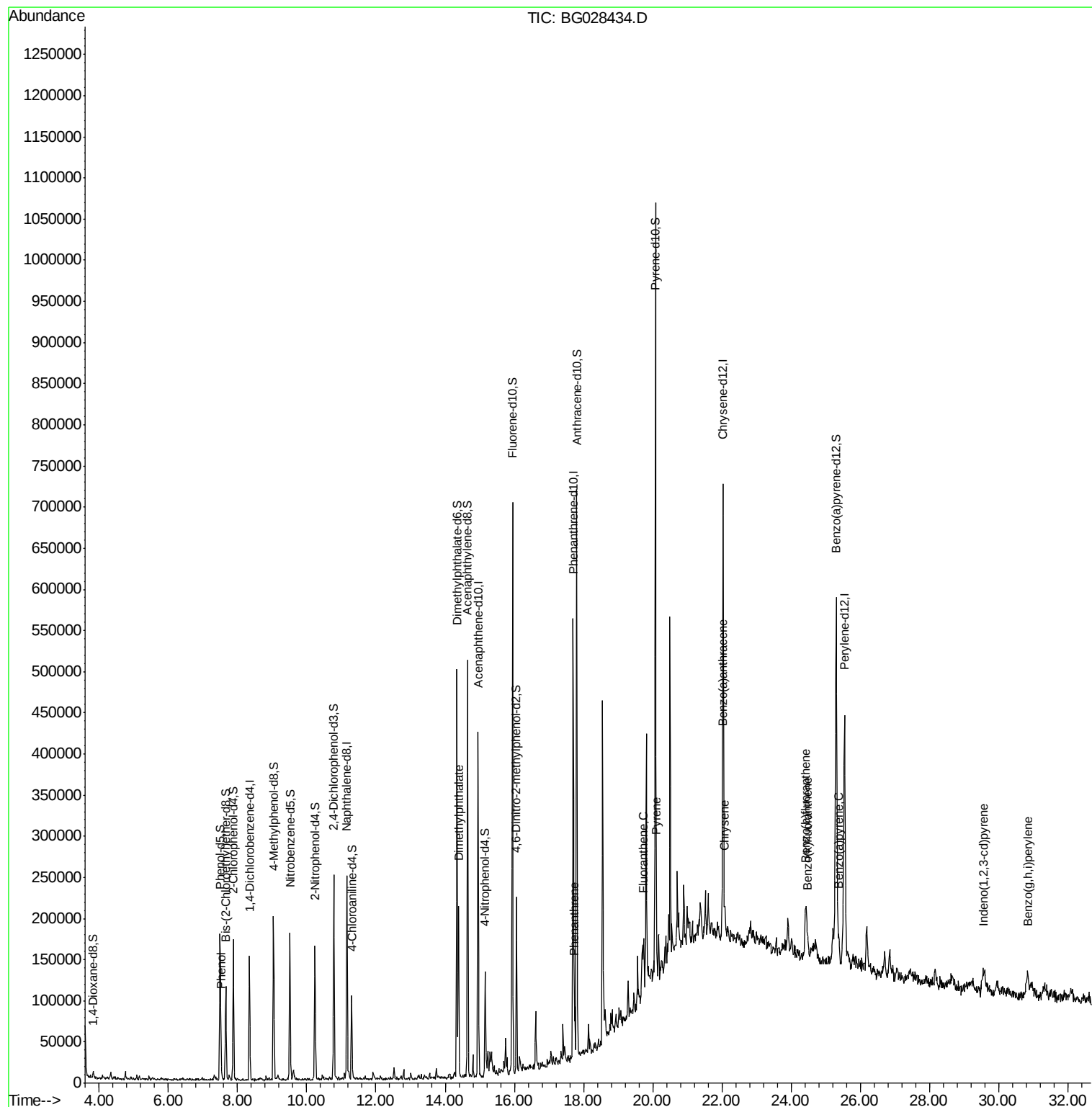
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028434.D
Acq On : 23 Aug 2017 1:57
Operator : SJ/JU
Sample : I4713-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

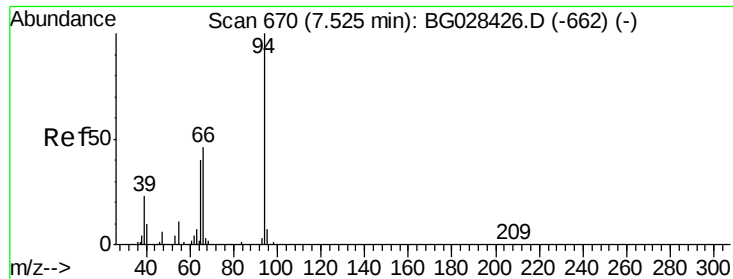
Instrument :
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E7GC4

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.601 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG028434.D

Acq: 23 Aug 2017 1:57

Instrument :

BNA_G

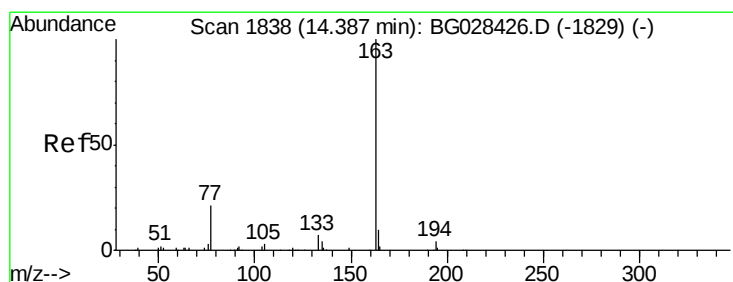
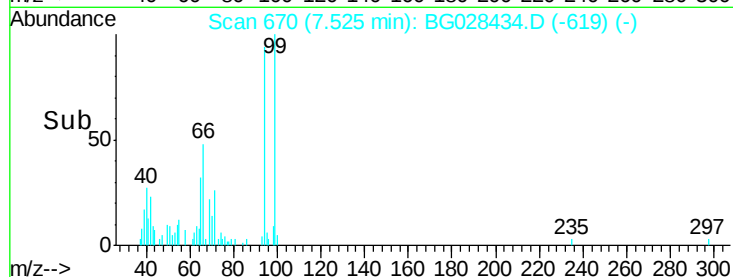
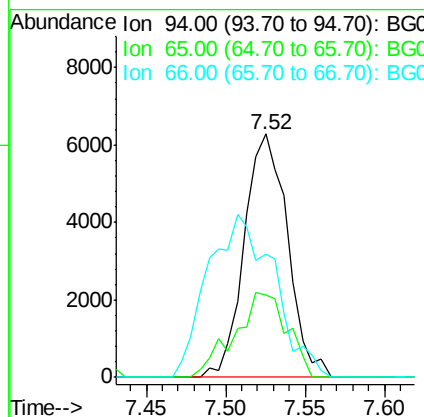
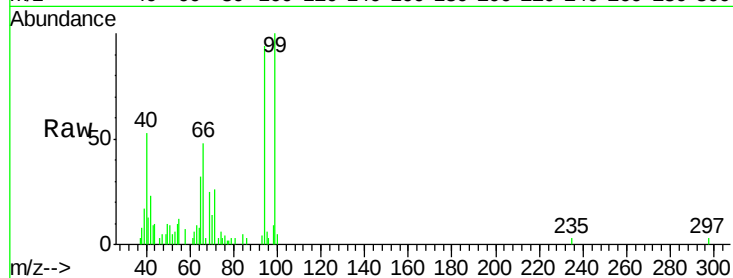
ClientSampled :

E7GC4

Tgt Ion:	94	Resp:	11894
Ion Ratio	Lower	Upper	
94	100		
65	34.1	26.8	40.2
66	50.6	44.4	66.6

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#44

Dimethylphthalate

Concen: 10.200 ng/ul

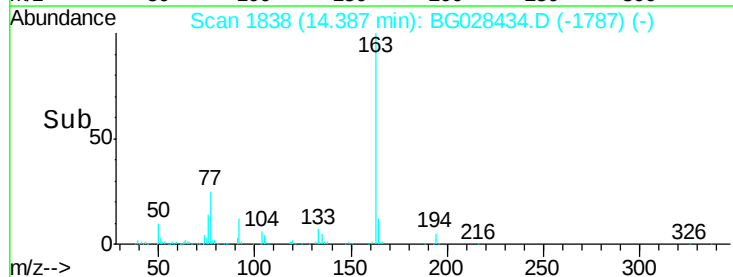
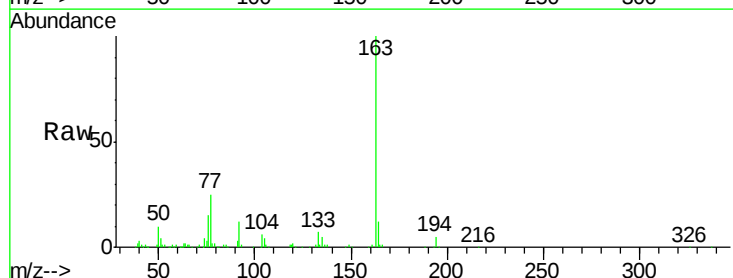
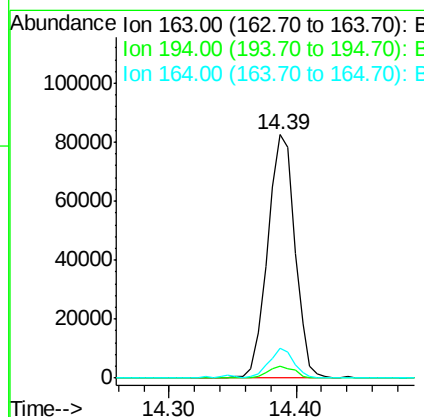
RT: 14.39 min Scan# 1838

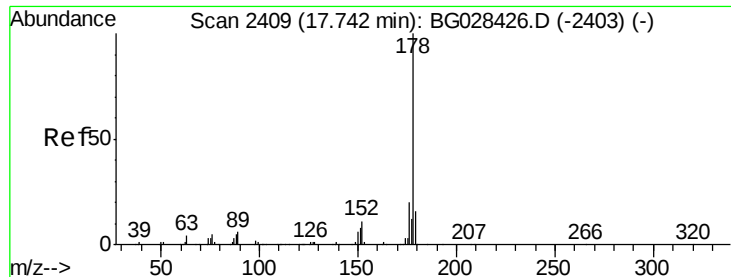
Delta R.T. 0.00 min

Lab File: BG028434.D

Acq: 23 Aug 2017 1:57

Tgt Ion:	163	Resp:	123895
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.4	5.0
164	12.0	9.0	13.4





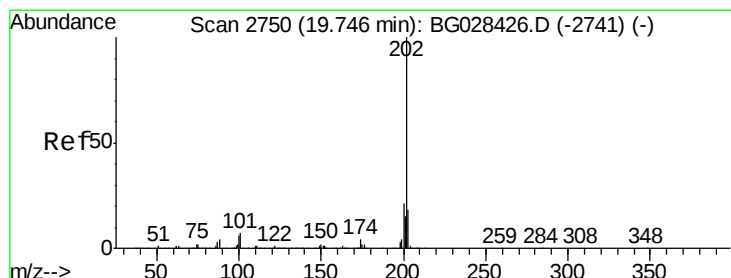
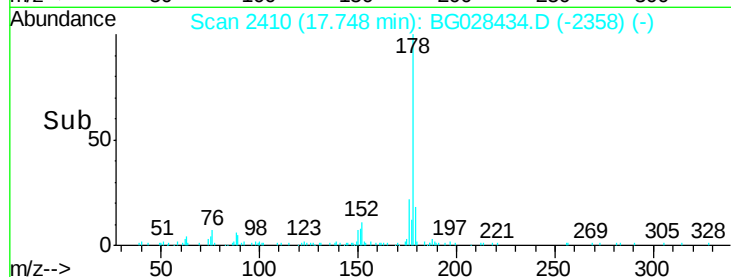
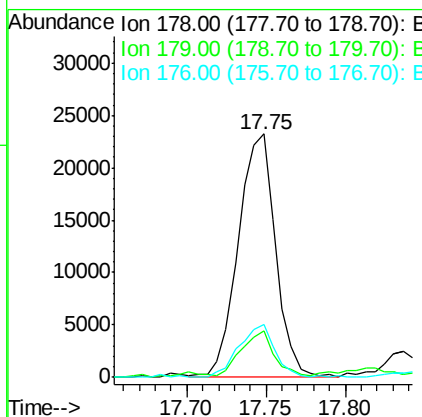
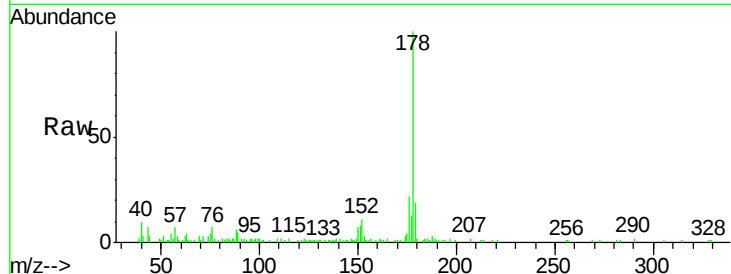
#69
Phenanthrene
Concen: 2.263 ng/ul
RT: 17.75 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BG028434.D
Acq: 23 Aug 2017 1:57

Instrument :
BNA_G
ClientSampleId :
E7GC4

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37890		
179	19.1	12.4	18.6#	
176	21.6	16.5	24.7	

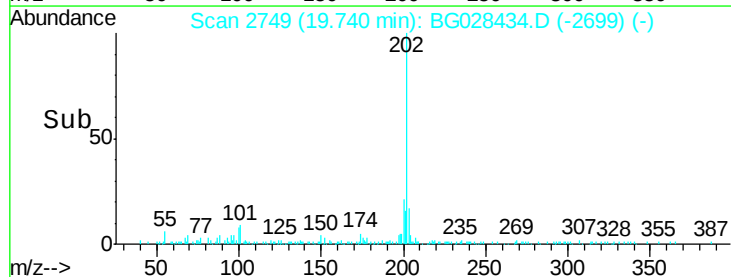
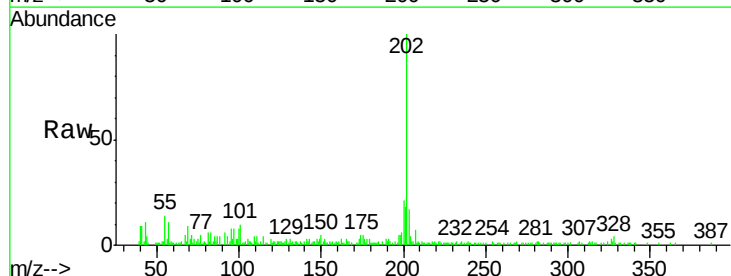
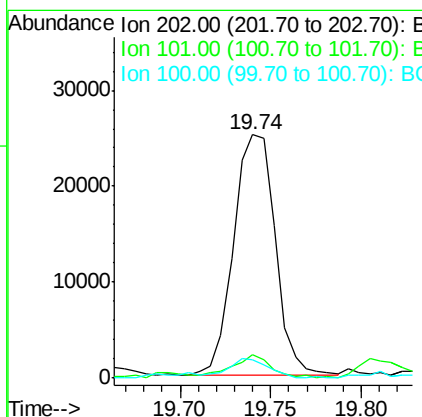
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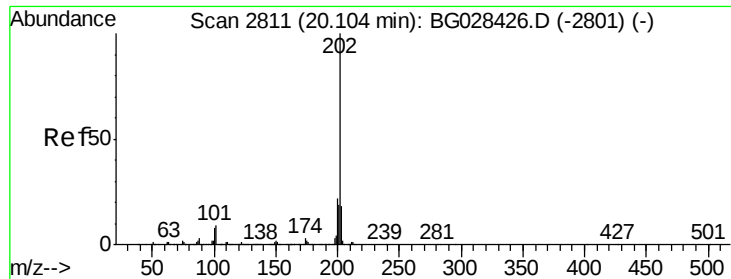
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#74
Fluoranthene
Concen: 1.977 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BG028434.D
Acq: 23 Aug 2017 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	40217		
101	9.9	6.2	9.2#	
100	7.7	5.2	7.8	





#77

Pyrene

Concen: 1.555 ng/ul

RT: 20.10 min Scan# 2811

Delta R.T. 0.00 min

Lab File: BG028434.D

Acq: 23 Aug 2017 1:57

Instrument :

BNA_G

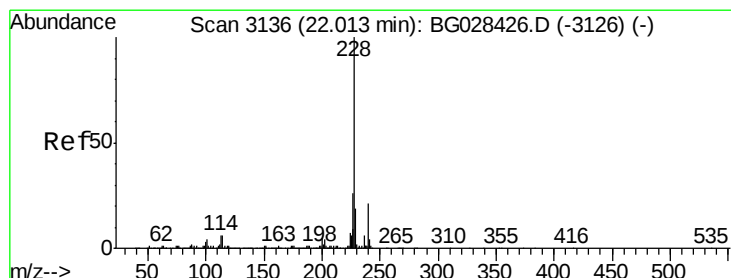
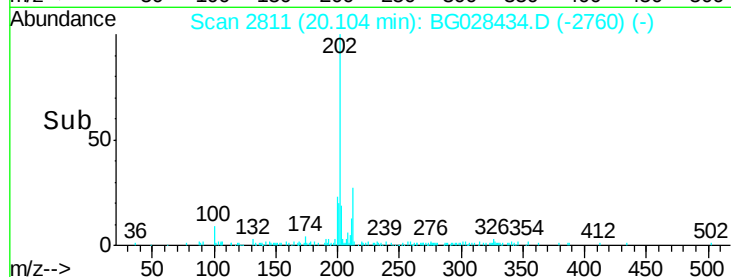
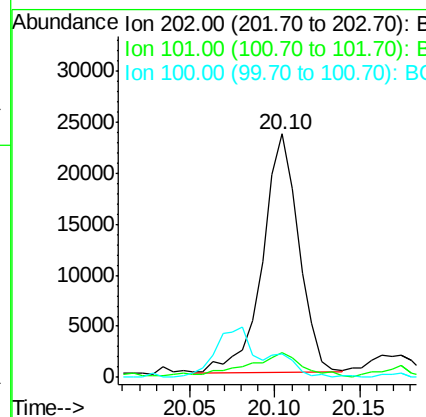
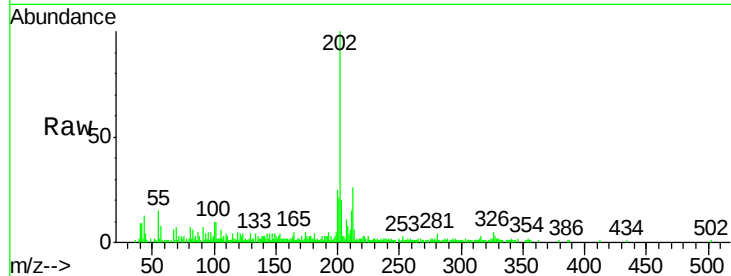
ClientSampleId :

E7GC4

Tgt Ion:	202	Resp:	34680
Ion Ratio	Lower	Upper	
202	100		
101	10.0	6.9	10.3
100	9.5	6.6	10.0

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#80

Benzo(a)anthracene

Concen: 1.480 ng/ul

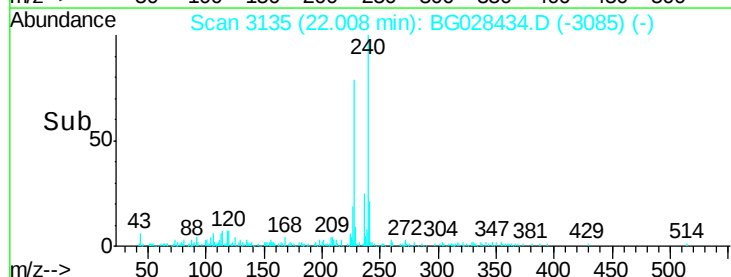
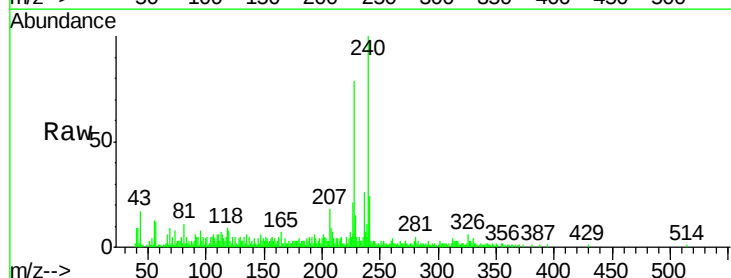
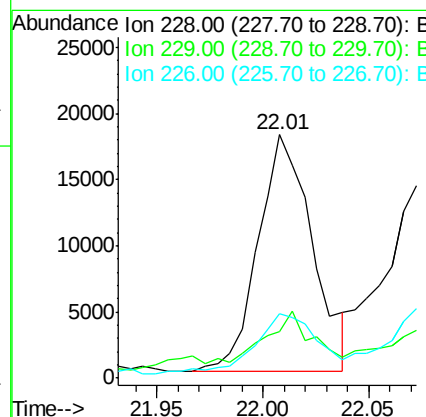
RT: 22.01 min Scan# 3135

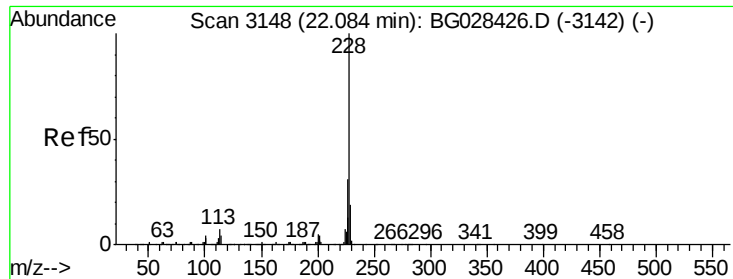
Delta R.T. -0.01 min

Lab File: BG028434.D

Acq: 23 Aug 2017 1:57

Tgt Ion:	228	Resp:	31981
Ion Ratio	Lower	Upper	
228	100		
229	19.0	16.3	24.5
226	26.5	21.9	32.9





#82

Chrysene

Concen: 2.036 ng/ul m

RT: 22.08 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG028434.D

Acq: 23 Aug 2017 1:57

Instrument :

BNA_G

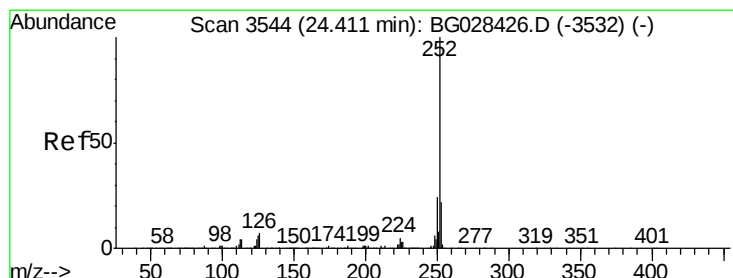
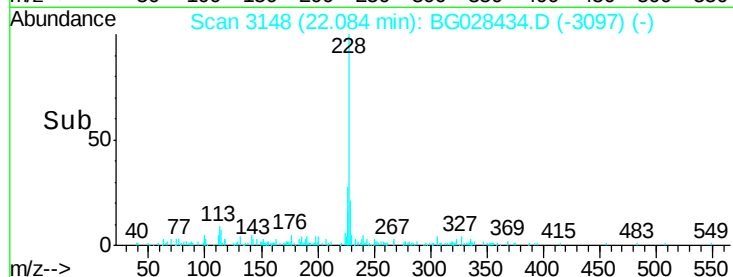
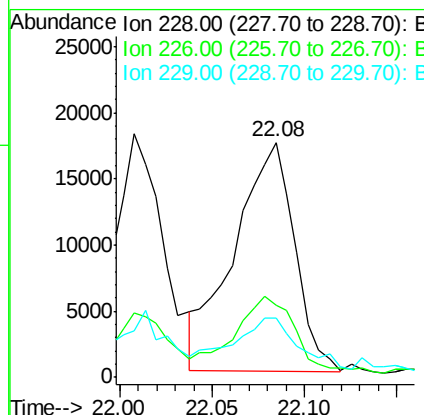
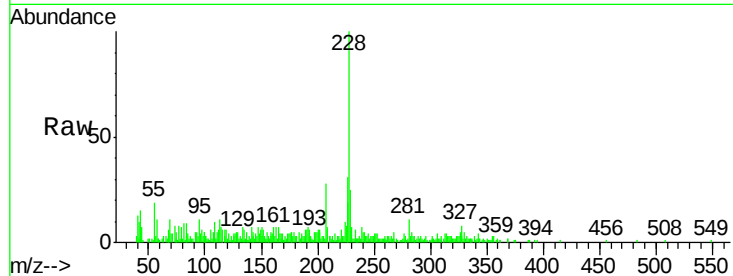
ClientSampleId :

E7GC4

Tgt Ion:	228	Resp:	39606
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.0	36.0
229	25.4	16.9	25.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 3.697 ng/ul

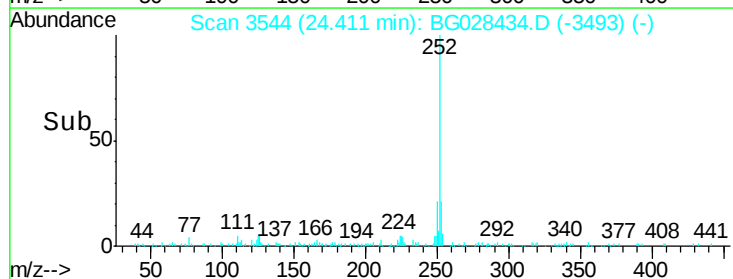
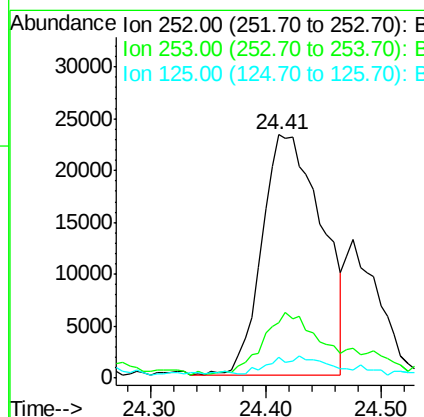
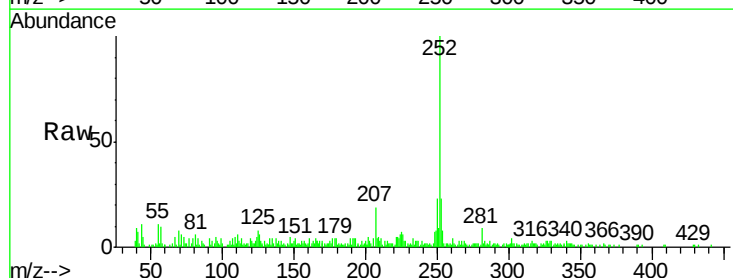
RT: 24.41 min Scan# 3544

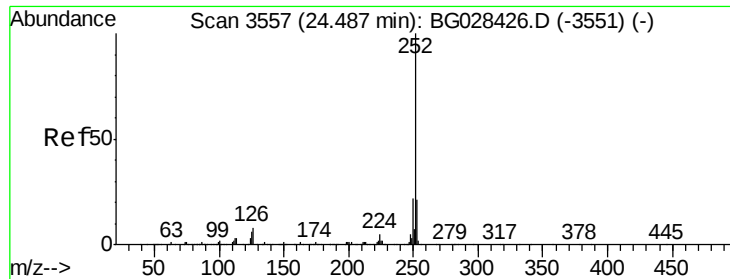
Delta R.T. 0.00 min

Lab File: BG028434.D

Acq: 23 Aug 2017 1:57

Tgt Ion:	252	Resp:	82867
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.7	26.5
125	8.4	4.0	6.0#





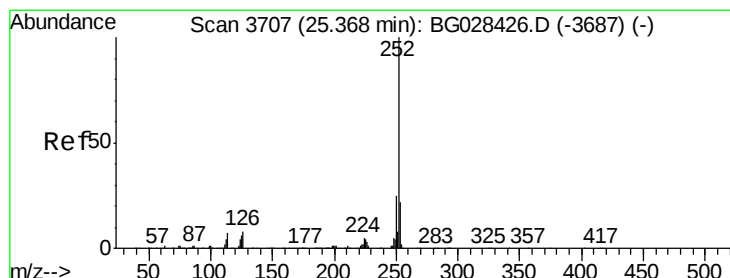
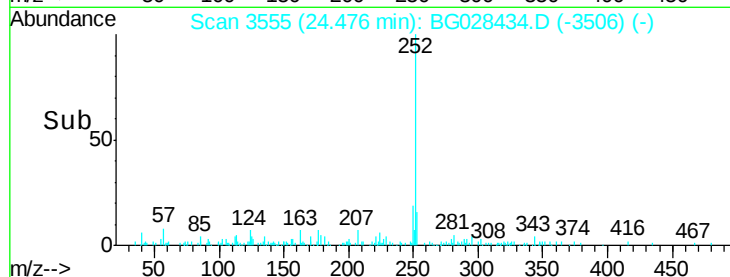
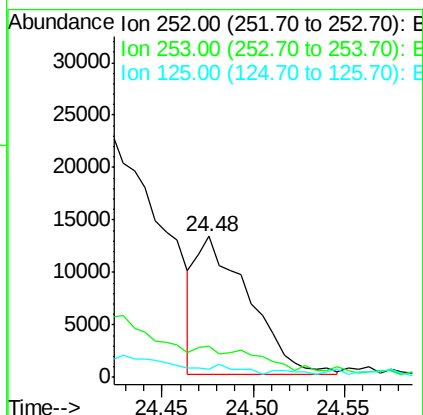
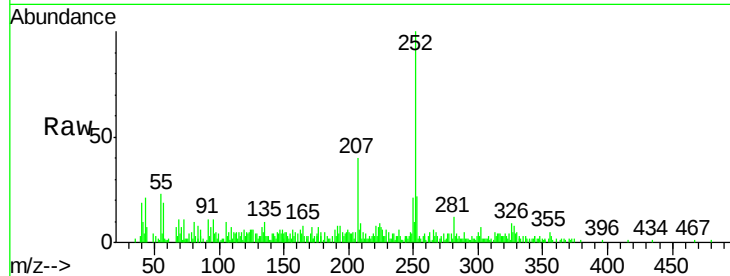
#86
Benzo(k)fluoranthene
Concen: 1.213 ng/ul m
RT: 24.48 min Scan# 3555
Delta R.T. -0.01 min
Lab File: BG028434.D
Acq: 23 Aug 2017 1:57

Instrument :
BNA_G
ClientSampleId :
E7GC4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	5.8	4.1	6.1

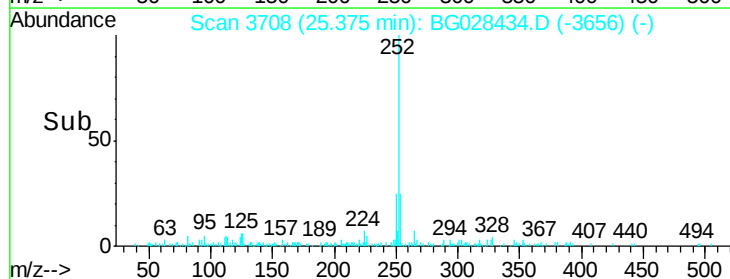
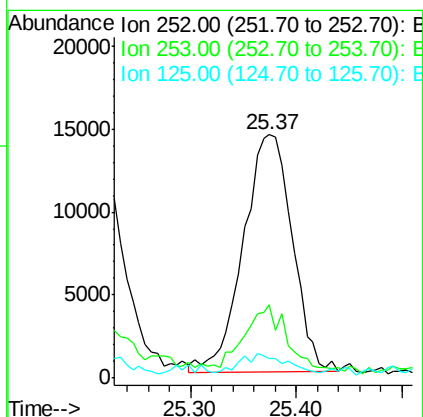
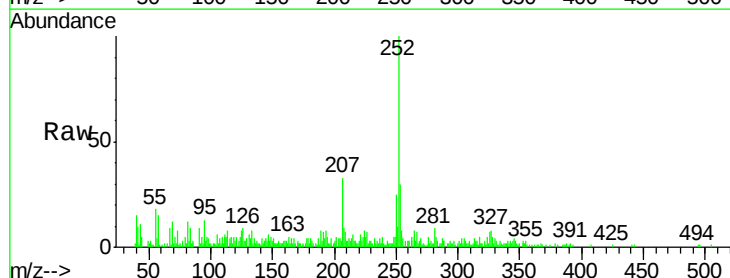
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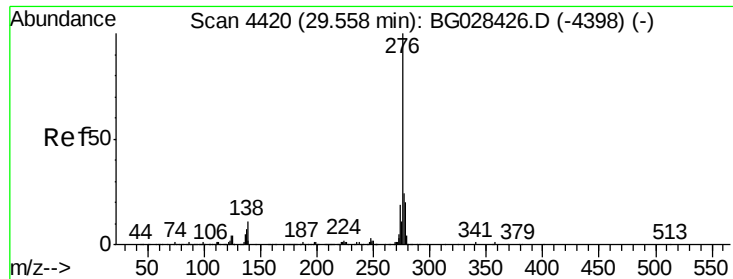
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#88
Benzo(a)pyrene
Concen: 2.117 ng/ul
RT: 25.37 min Scan# 3708
Delta R.T. 0.01 min
Lab File: BG028434.D
Acq: 23 Aug 2017 1:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.8	26.6#
125	8.0	5.4	8.0





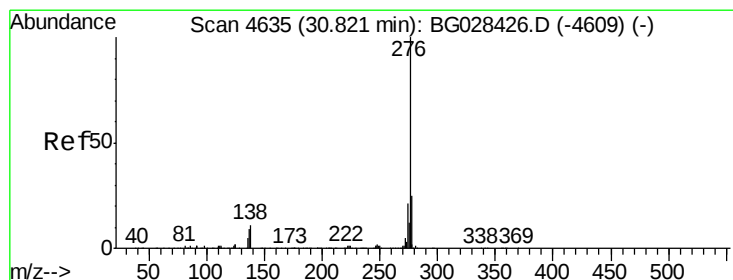
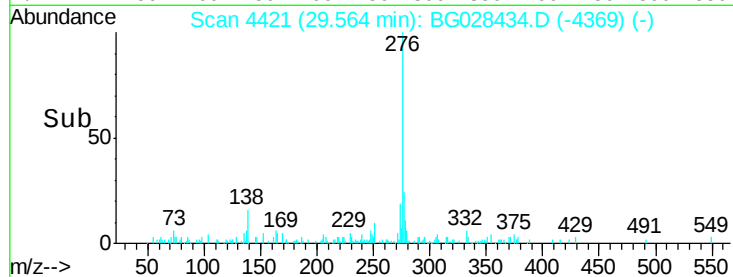
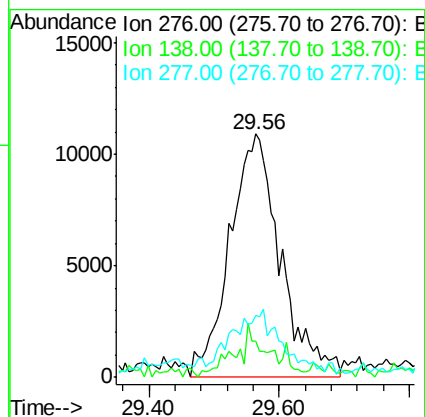
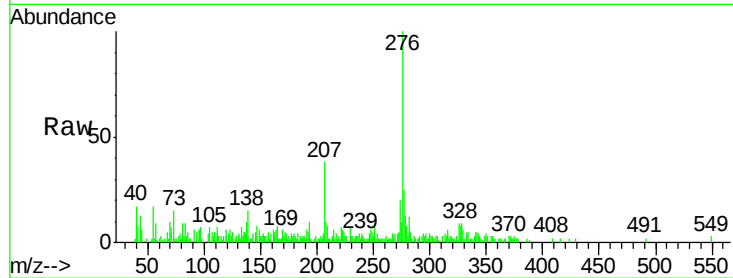
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 Indeno(1,2,3-cd)pyrene
 Concen: 2.315 ng/ul
 RT: 29.56 min Scan# 4421
 Delta R.T. 0.01 min
 Lab File: BG028434.D
 Acq: 23 Aug 2017 1:57

Instrument :
 BNA_G
 ClientSampled :
 E7GC4

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.8	8.2	12.4#
277	25.2	18.6	28.0

Manual Integrations
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#91
 Benzo(g,h,i)perylene
 Concen: 2.540 ng/ul m
 RT: 30.84 min Scan# 4638
 Delta R.T. 0.02 min
 Lab File: BG028434.D
 Acq: 23 Aug 2017 1:57

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.7	8.6	12.8#
277	21.4	17.6	26.4

