

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
 Data File : BG030596.D
 Acq On : 31 Oct 2017 2:16
 Operator : SJ/JU
 Sample : I5842-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA3

Manual Integrations
 APPROVED

Sohil
 10/31/2017 7:43:55 PM

Quant Time: Oct 31 08:04:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 07:15:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	86399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	425896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	265339	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	577411	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	607755	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	606869	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8616	4.05	ng/uL	0.00
5) Phenol-d5	7.32	99	186383	22.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	108242	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	152417	26.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	118260	17.66	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	79664	26.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	94629	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	176397	24.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	38040	4.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	524944	23.14	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	674106	24.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	72211	17.24	ng/ul	0.00
57) Fluorene-d10	15.77	176	483576	26.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	78984	28.02	ng/ul	0.00
70) Anthracene-d10	17.62	188	675616	24.74	ng/ul	0.00
76) Pyrene-d10	19.89	212	789633	25.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	738778	25.70	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.34	94	29194	3.402 ng/ul	91
44) Dimethylphthalate	14.22	163	45863	2.073 ng/ul#	97
69) Phenanthrene	17.56	178	129090	4.136 ng/ul	100
74) Fluoranthene	19.56	202	366878	10.517 ng/ul	99
77) Pyrene	19.92	202	278766	6.844 ng/ul	99
80) Benzo(a)anthracene	21.77	228	92979	2.441 ng/ul	99
82) Chrysene	21.84	228	159603	4.612 ng/ul	97
85) Benzo(b)fluoranthene	24.05	252	123494	3.390 ng/ul	96
86) Benzo(k)fluoranthene	24.11	252	54806m	1.556 ng/ul	
88) Benzo(a)pyrene	24.95	252	60018	1.692 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.89	276	44476	1.109 ng/ul	97

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

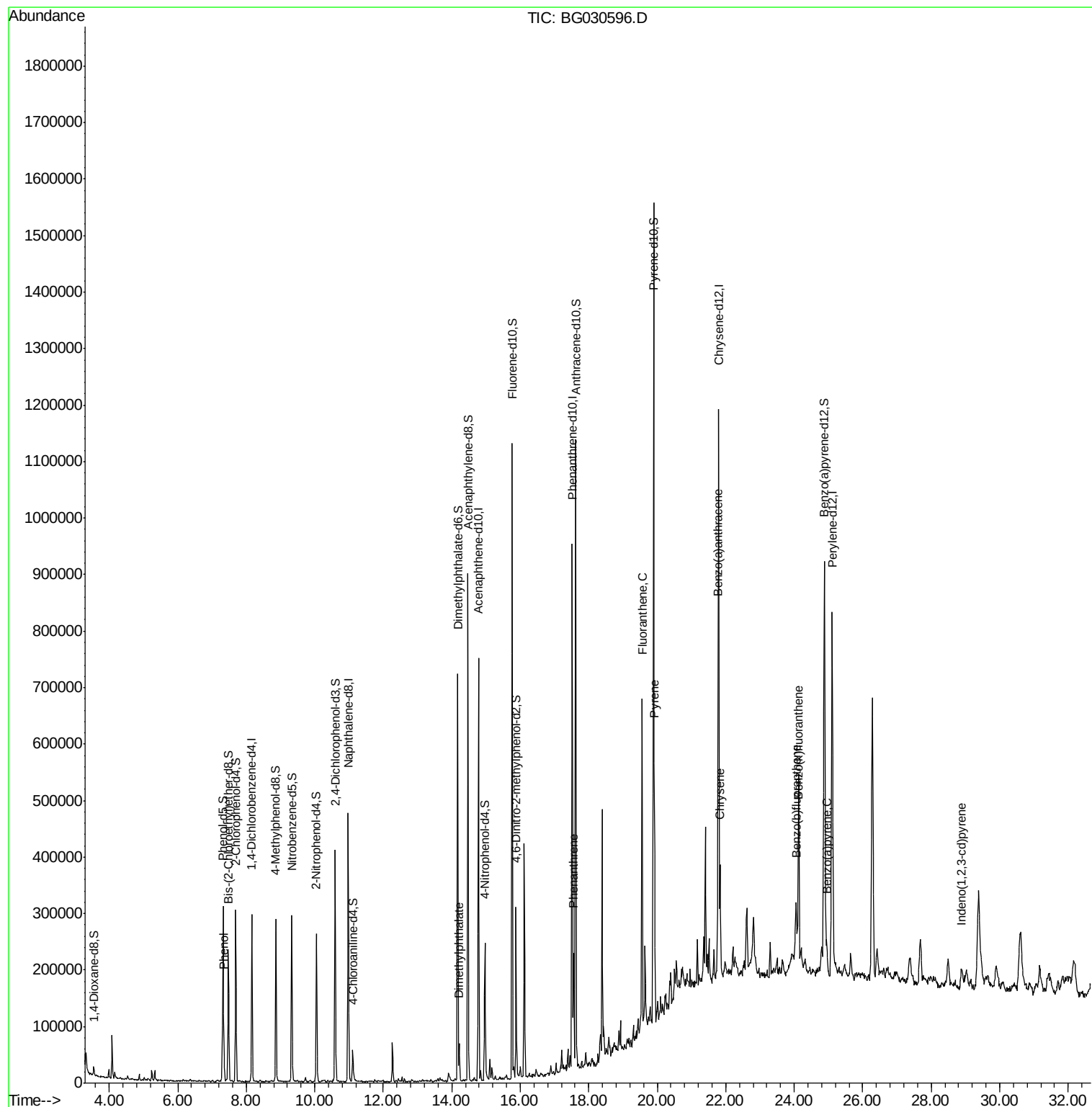
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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Acq On : 31 Oct 2017 2:16
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ALS Vial : 21 Sample Multiplier: 1

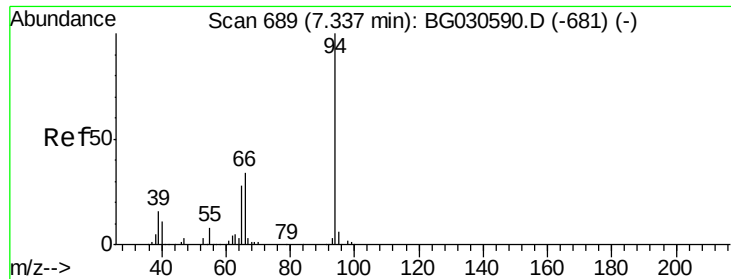
Instrument :
BNA_G
ClientSampleId :
C0AA3

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Quant Time: Oct 31 08:04:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 07:15:18 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.402 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

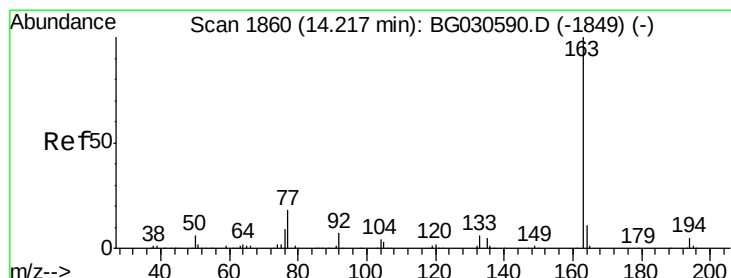
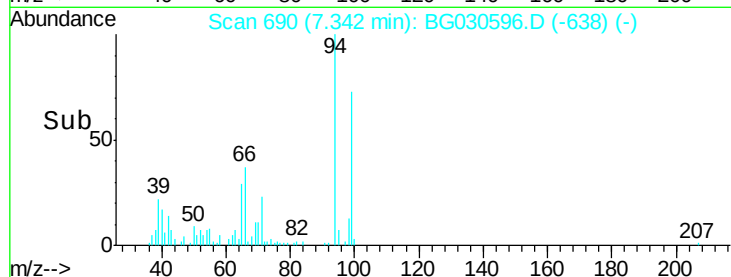
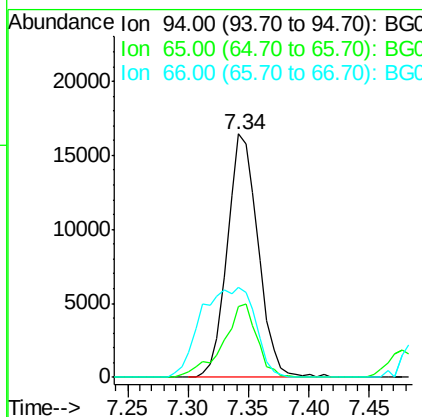
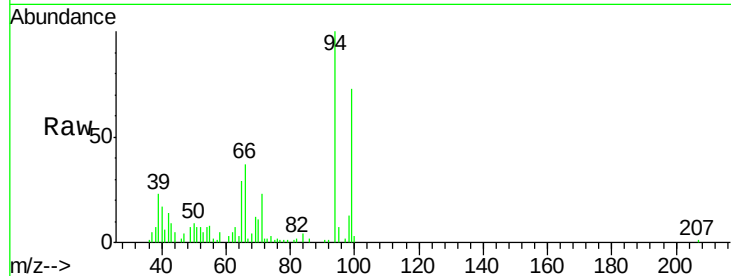
ClientSampleId :

C0AA3

Tgt Ion:	94	Resp:	29194
Ion	Ratio	Lower	Upper
94	100		
65	29.3	27.1	40.7
66	37.0	34.6	52.0

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#44

Dimethylphthalate

Concen: 2.073 ng/ul

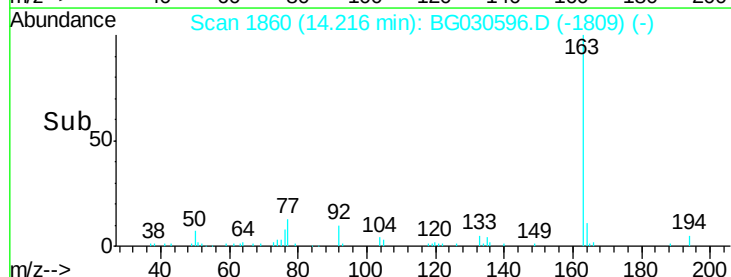
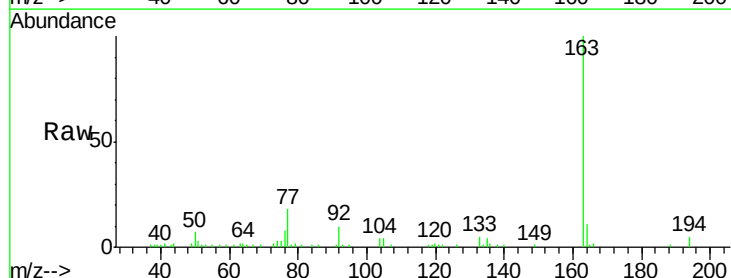
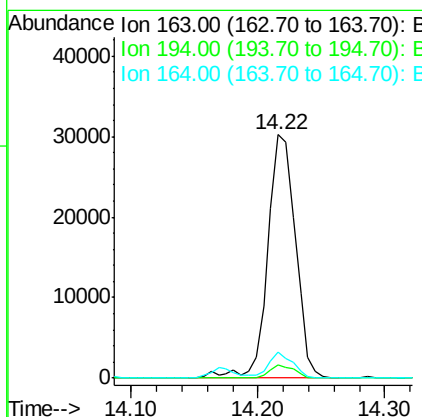
RT: 14.22 min Scan# 1860

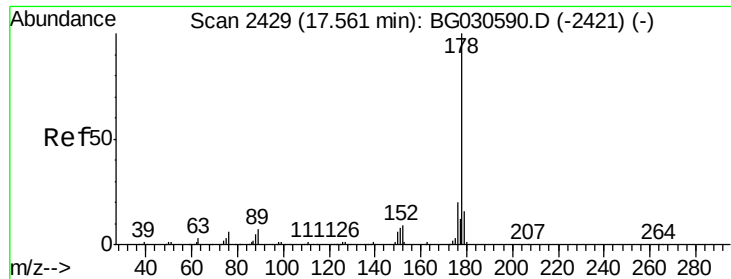
Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Tgt Ion:	163	Resp:	45863
Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	10.7	7.6	11.4





#69

Phenanthrene

Concen: 4.136 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

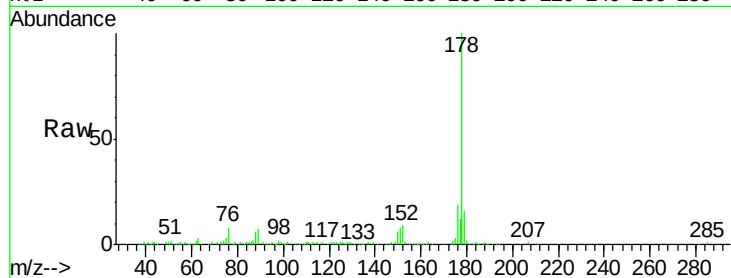
ClientSampled :

C0AA3

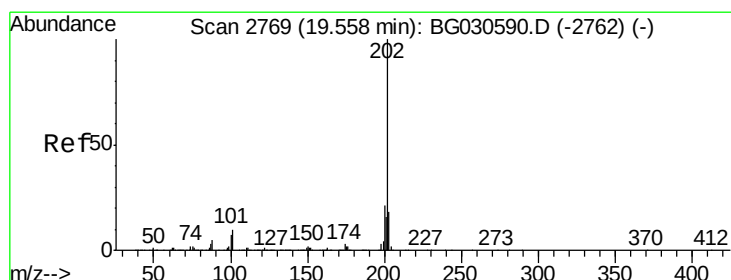
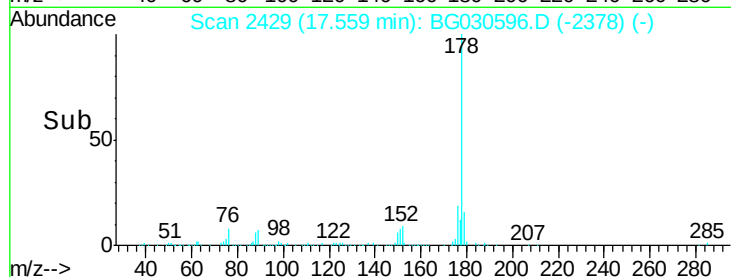
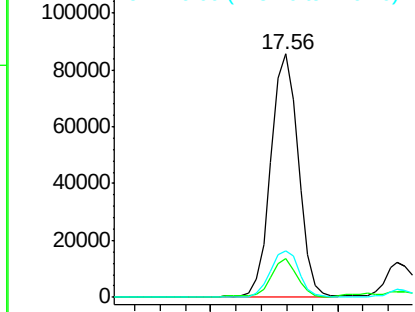
Tgt Ion:	178	Resp:	129090
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.0	19.6
176	19.1	15.3	22.9

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 10.517 ng/ul

RT: 19.56 min Scan# 2769

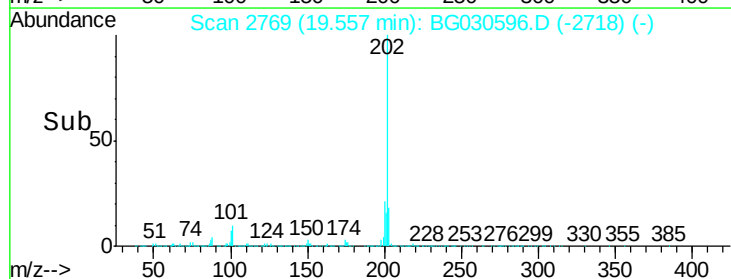
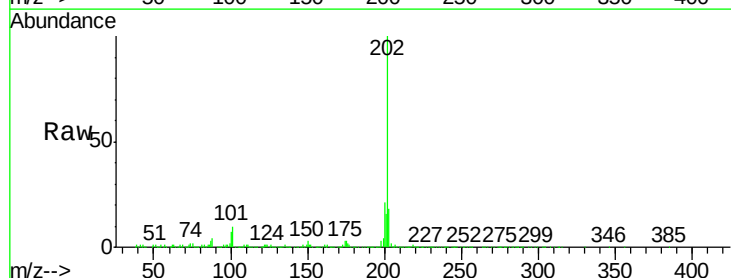
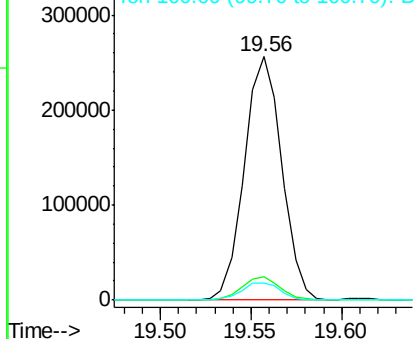
Delta R.T. -0.00 min

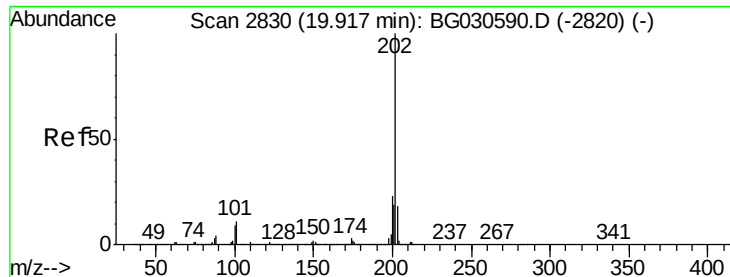
Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Tgt Ion:	202	Resp:	366878
Ion Ratio	Lower	Upper	
202	100		
101	9.8	7.4	11.2
100	6.8	5.6	8.4

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): B





#77

Pyrene

Concen: 6.844 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

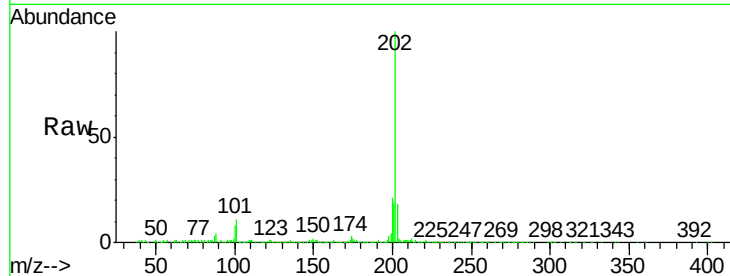
ClientSampleId :

C0AA3

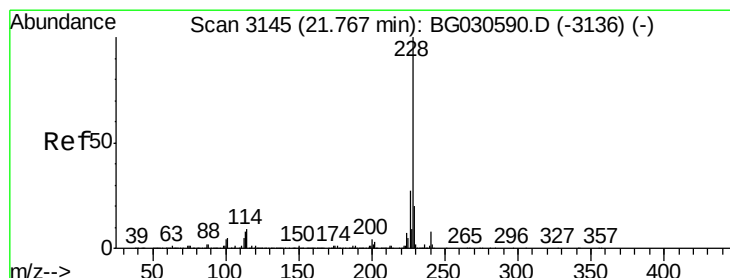
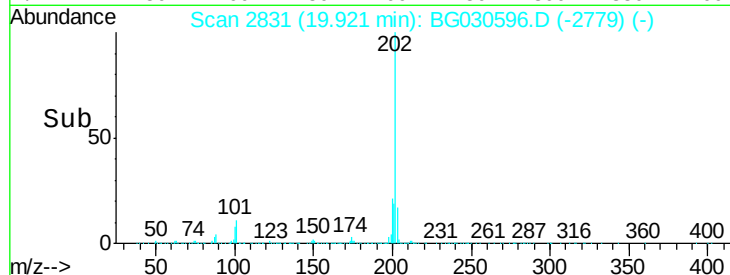
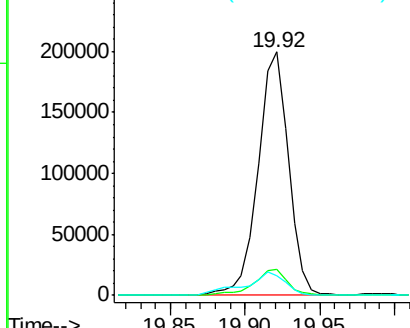
Tgt Ion:	202	Resp:	278766
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.4	12.6
100	8.2	7.0	10.6

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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: 2.441 ng/ul

RT: 21.77 min Scan# 3146

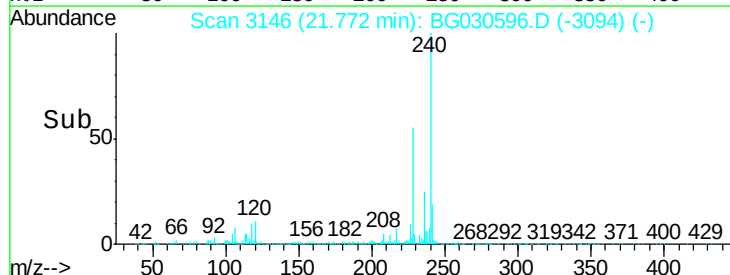
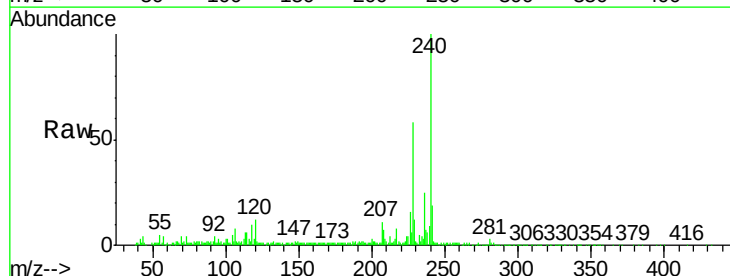
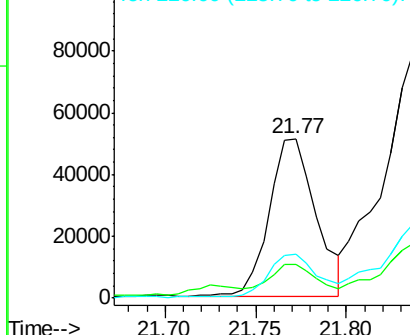
Delta R.T. 0.00 min

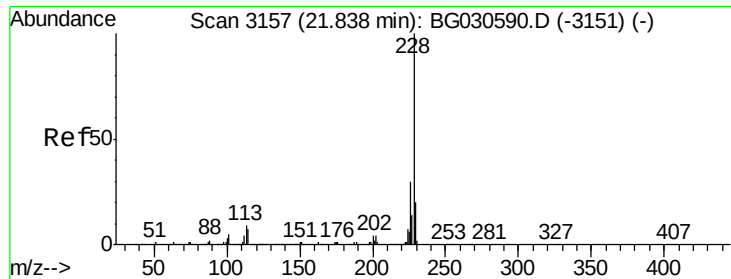
Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Tgt Ion:	228	Resp:	92979
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.2	24.4
226	27.3	22.2	33.2

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: 4.612 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

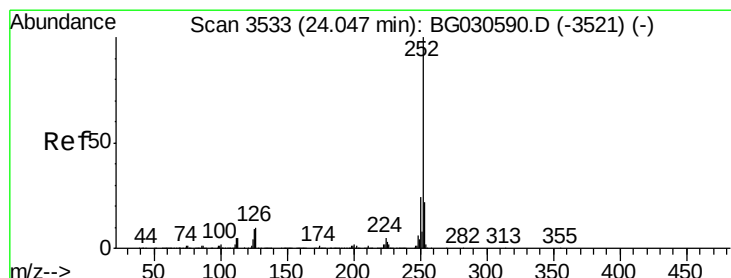
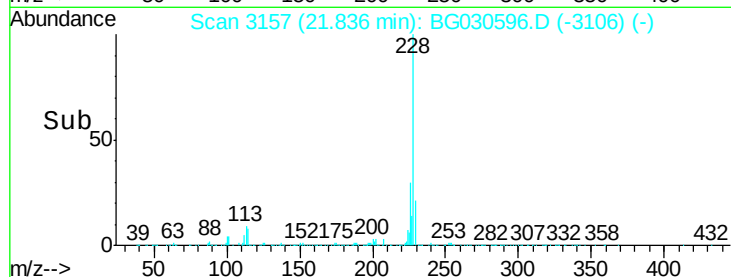
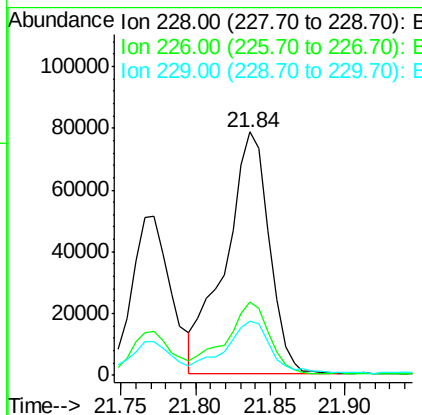
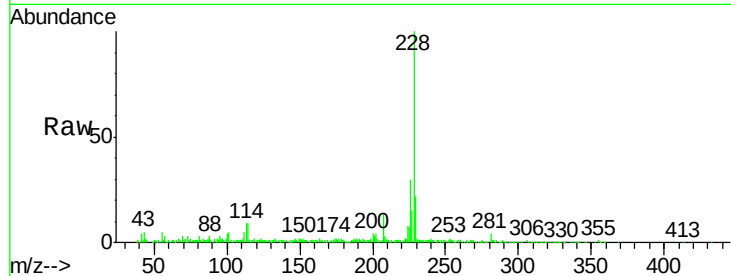
ClientSampled :

C0AA3

Tgt Ion:	228	Resp:	159603
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.2	36.2
229	22.4	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 3.390 ng/ul

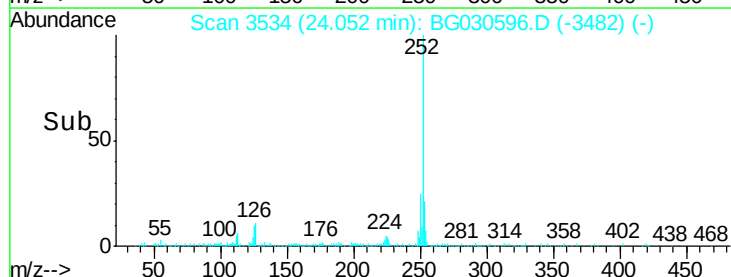
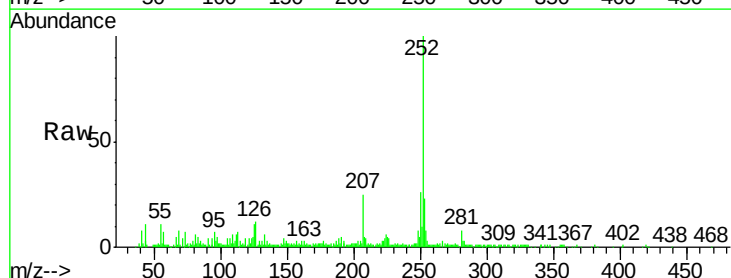
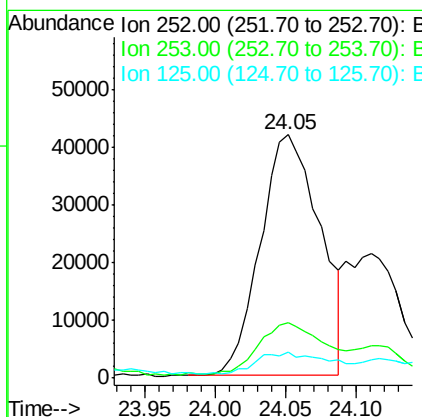
RT: 24.05 min Scan# 3534

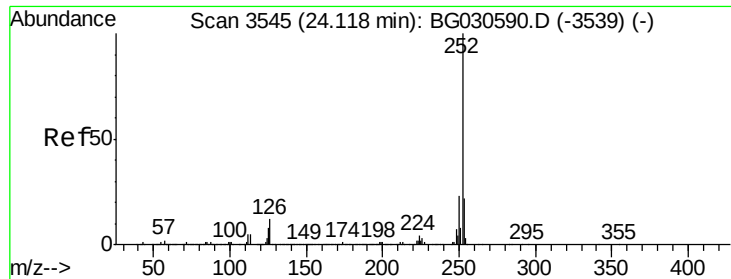
Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Tgt Ion:	252	Resp:	123494
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.0	25.4
125	10.8	7.5	11.3





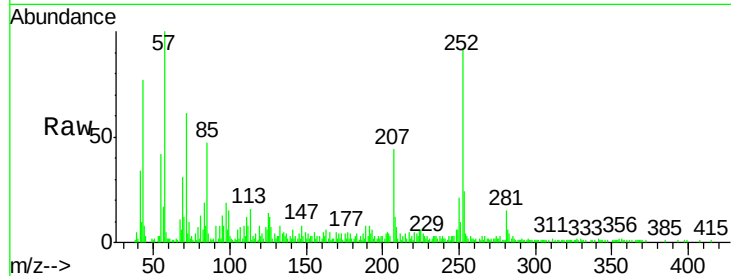
#86
Benzo(k)fluoranthene
Concen: 1.556 ng/ul m
RT: 24.11 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG030596.D
Acq: 31 Oct 2017 2:16

Instrument :
BNA_G
ClientSampled :
C0AA3

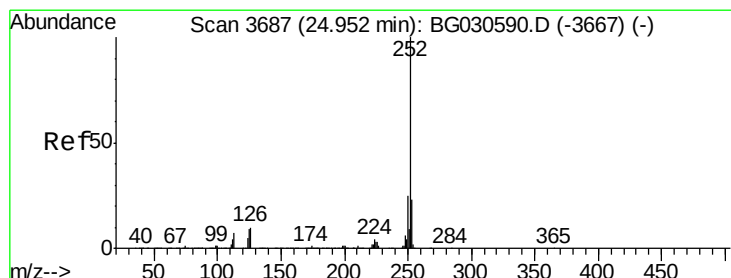
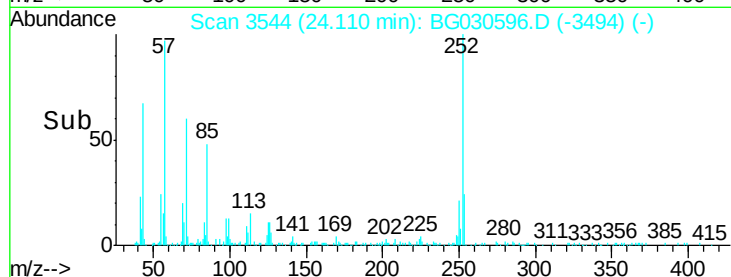
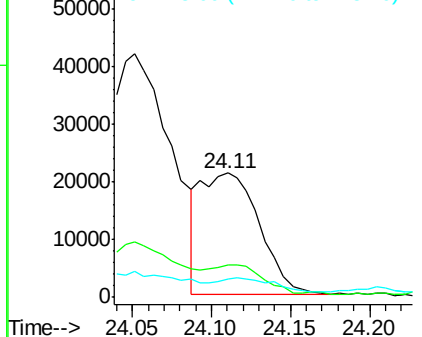
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.2	25.8#
125	15.0	7.8	11.8#

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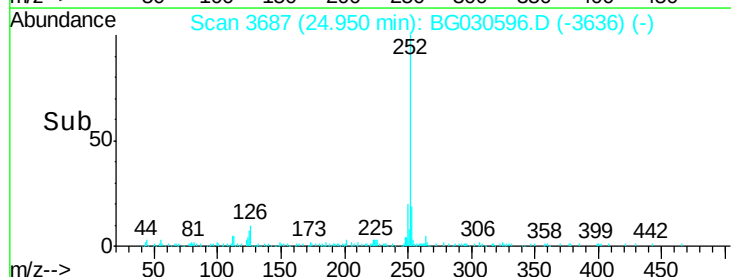
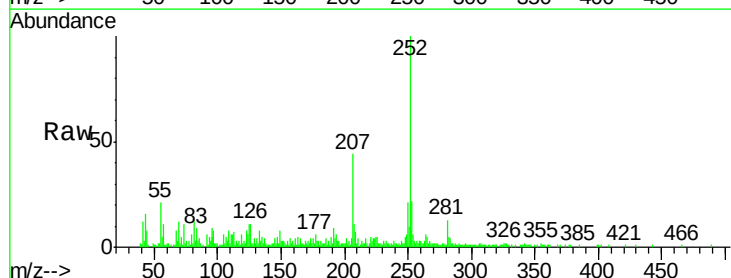
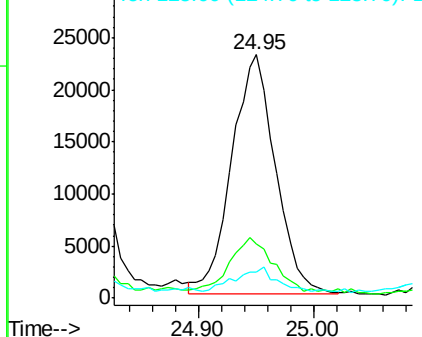
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Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

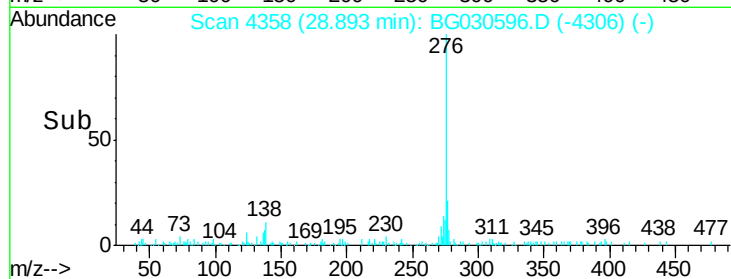
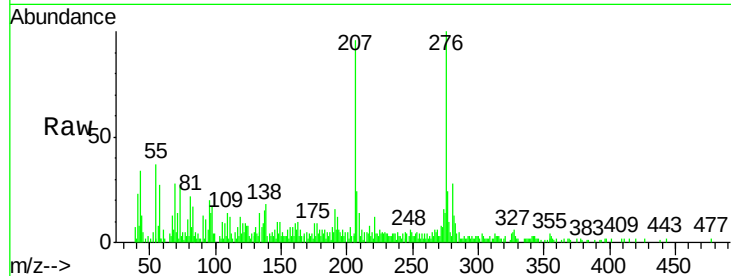
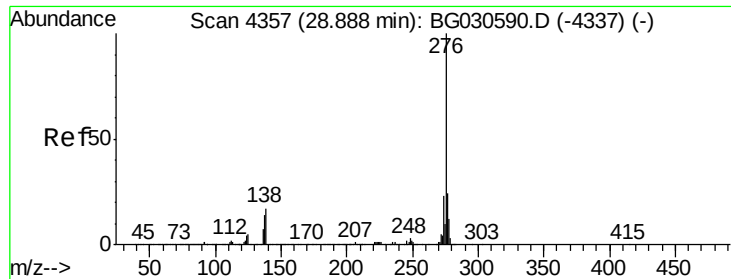


#88
Benzo(a)pyrene
Concen: 1.692 ng/ul
RT: 24.95 min Scan# 3687
Delta R.T. -0.00 min
Lab File: BG030596.D
Acq: 31 Oct 2017 2:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	10.8	7.8	11.8

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: 1.109 ng/ul

RT: 28.89 min Scan# 4358

Delta R.T. 0.00 min

Lab File: BG030596.D

Acq: 31 Oct 2017 2:16

Instrument :

BNA_G

ClientSampleId :

C0AA3

Tgt Ion: 276 Resp: 44476

Ion Ratio Lower Upper

276 100

138 18.1 13.4 20.0

277 24.3 18.6 28.0

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