

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029254.D
 Acq On : 15 Oct 2017 11:33
 Operator : SJ/JU
 Sample : I5593-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0C49

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:43:59 PM

Quant Time: Oct 16 09:20:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 07:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	134770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	591639	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	337853	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	694633	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	617747	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	617774	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	21007	6.34	ng/uL	0.00
5) Phenol-d5	7.33	99	461682	35.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	298444	36.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	340025	37.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	354531	33.94	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	182959	43.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	197929	45.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	359437	36.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	470072	40.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1064830	36.87	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1360681	38.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	182581	34.24	ng/ul	0.00
57) Fluorene-d10	15.78	176	897604	37.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	96969	28.60	ng/ul	0.00
70) Anthracene-d10	17.63	188	1275480	38.82	ng/ul	0.00
76) Pyrene-d10	19.91	212	1279395	40.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1164140	39.79	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.35	94	94844	7.086	ng/ul	92
44) Dimethylphthalate	14.24	163	310049	11.005	ng/ul	99
69) Phenanthrene	17.57	178	108424	2.887	ng/ul	98
74) Fluoranthene	19.57	202	146384	3.488	ng/ul#	91
77) Pyrene	19.93	202	125048	3.020	ng/ul#	83
80) Benzo(a)anthracene	21.79	228	58592	1.513	ng/ul	93
82) Chrysene	21.85	228	66657m	1.895	ng/ul	
85) Benzo(b)fluoranthene	24.07	252	78479	2.116	ng/ul#	83
88) Benzo(a)pyrene	24.96	252	51971	1.440	ng/ul#	84

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

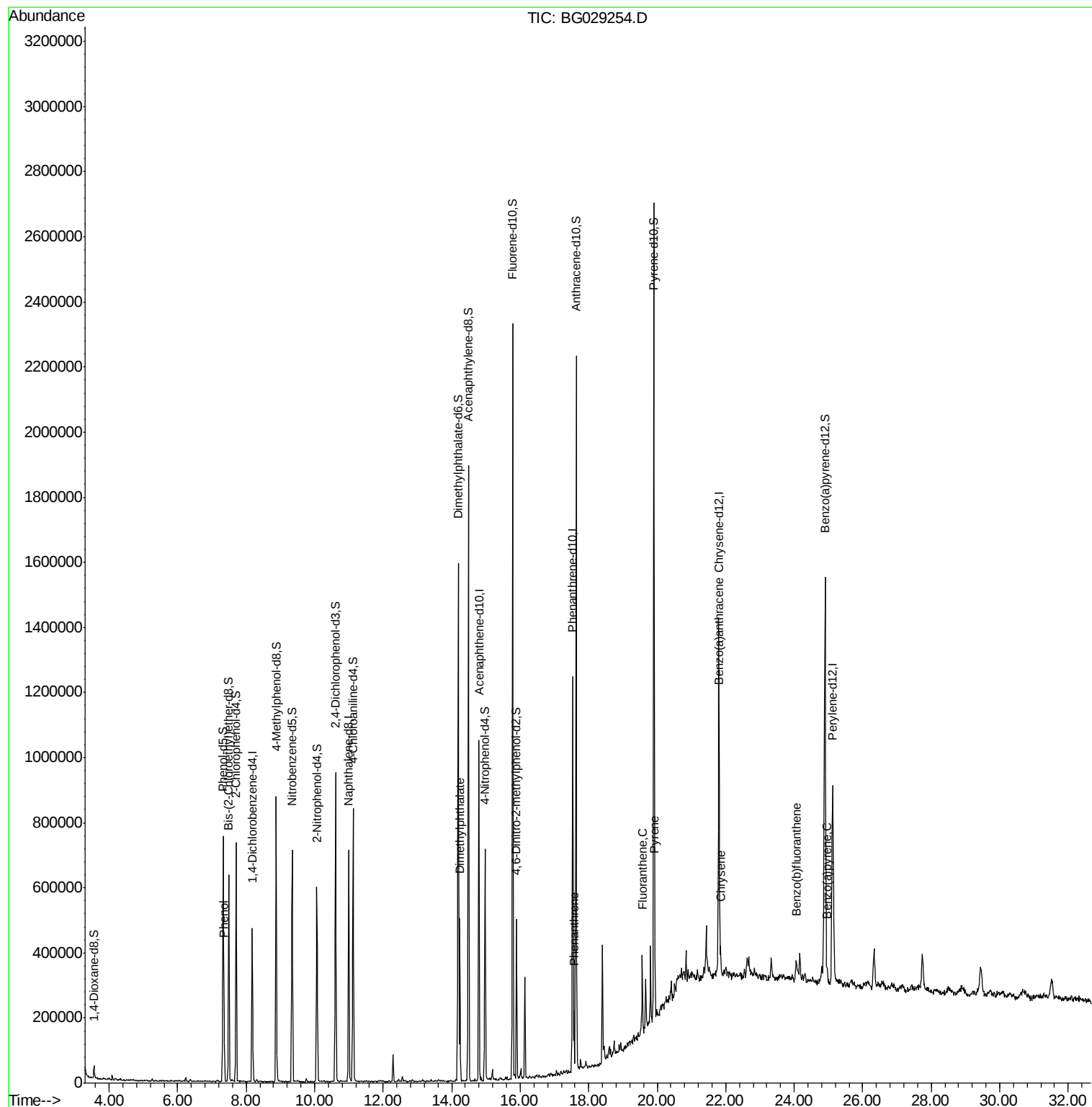
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029254.D
Acq On : 15 Oct 2017 11:33
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ALS Vial : 27 Sample Multiplier: 1

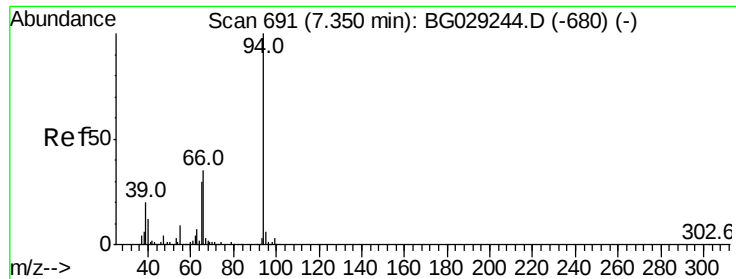
Instrument :
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ClientSampleId :
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#6

Phenol

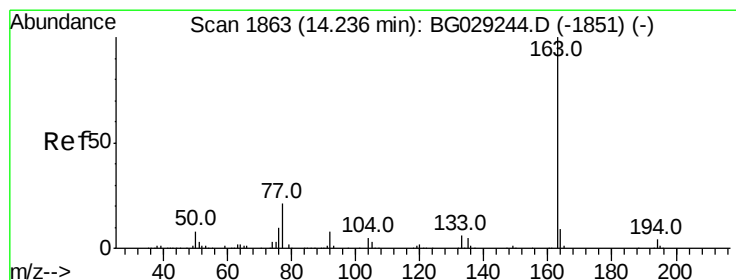
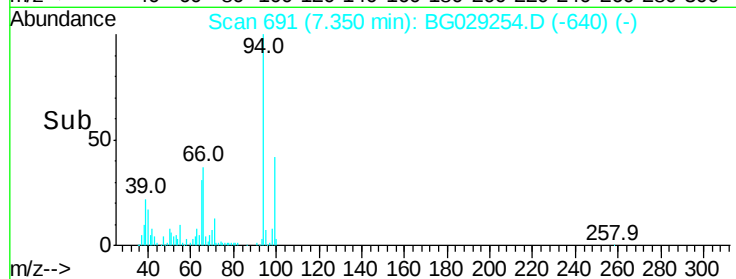
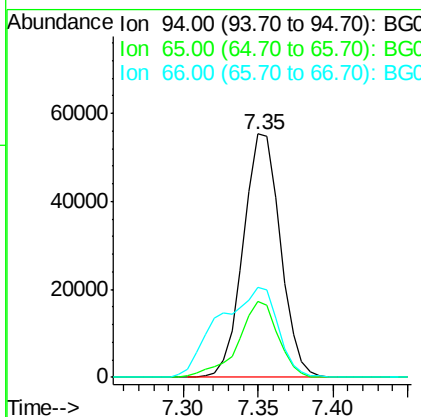
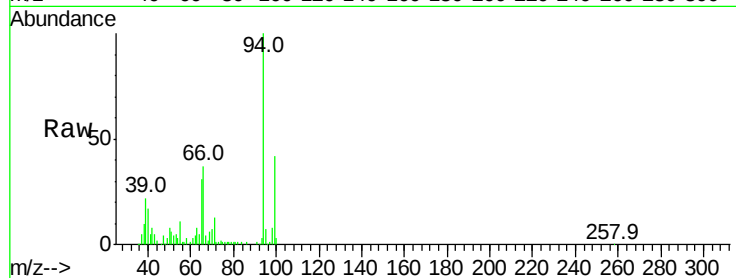
Concen: 7.086 ng/ul
 RT: 7.35 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BG029254.D
 Acq: 15 Oct 2017 11:33

Instrument :
 BNA_G
 ClientSampleId :
 B0C49

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.0	27.1	40.7
66	37.2	34.6	52.0

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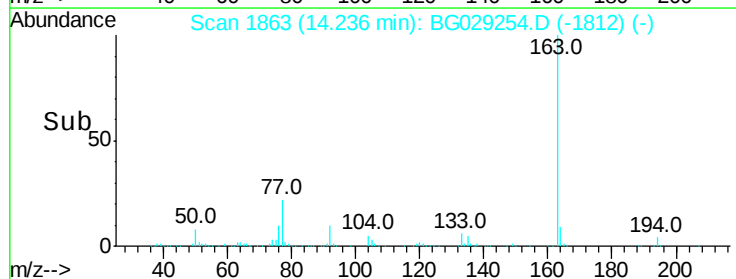
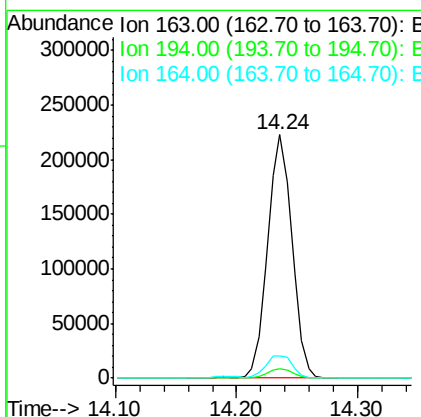
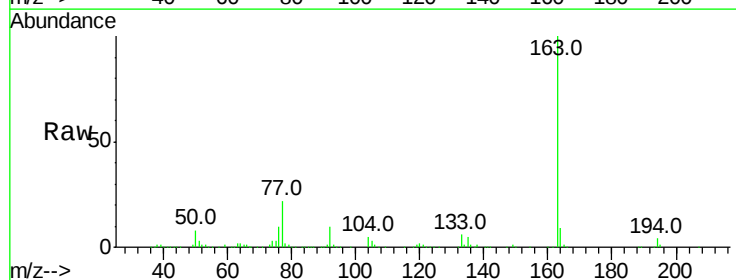


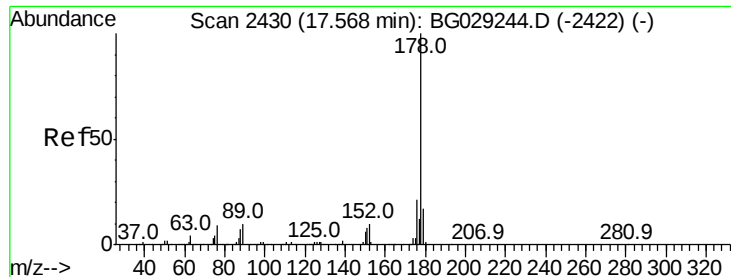
#44

Dimethylphthalate

Concen: 11.005 ng/ul
 RT: 14.24 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BG029254.D
 Acq: 15 Oct 2017 11:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.2	7.6	11.4





#69

Phenanthrene

Concen: 2.887 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BG029254.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_G

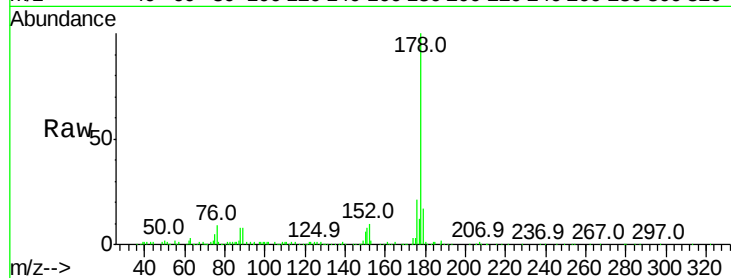
ClientSampled :

B0C49

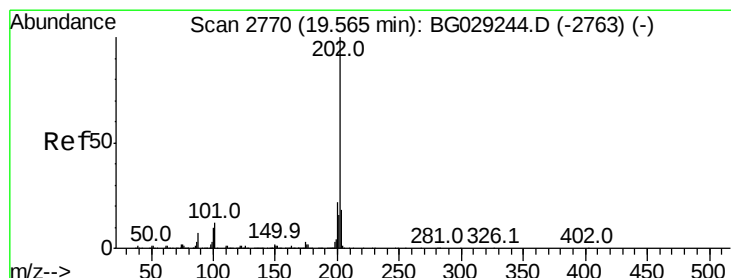
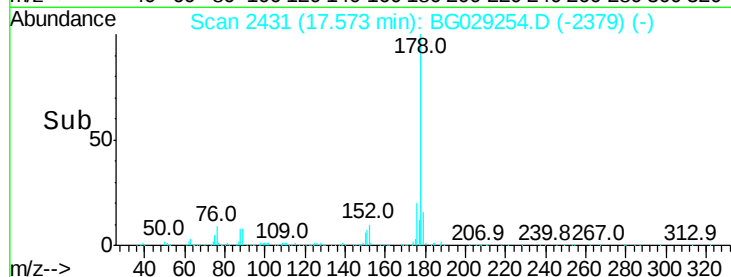
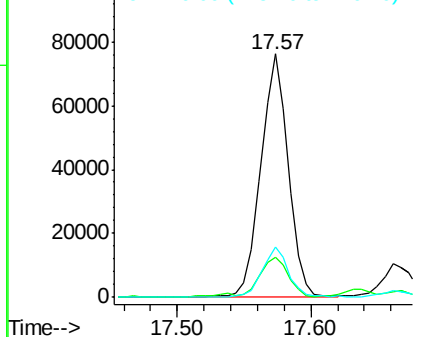
Tot Ion:	178	Resp:	108424
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.0	19.6
176	20.8	15.3	22.9

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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: 3.488 ng/ul

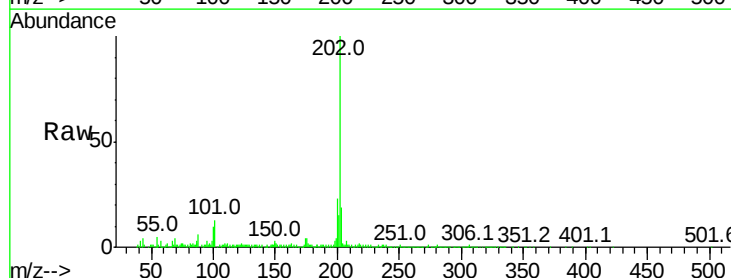
RT: 19.57 min Scan# 2771

Delta R.T. 0.01 min

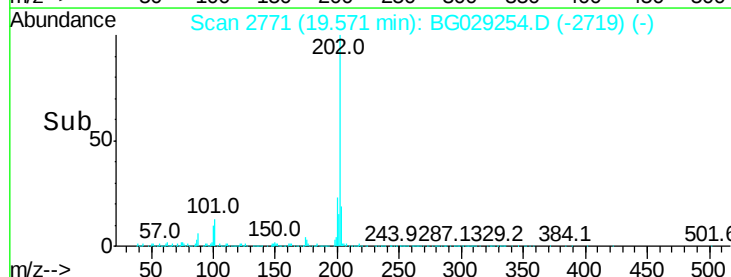
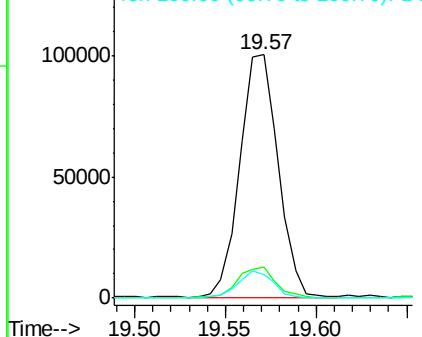
Lab File: BG029254.D

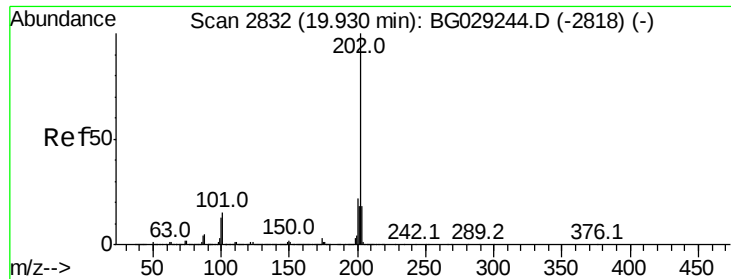
Acq: 15 Oct 2017 11:33

Tgt Ion:	202	Resp:	146384
Ion Ratio	Lower	Upper	
202	100		
101	12.8	7.4	11.2#
100	9.8	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

Pvrene

Concen: 3.020 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029254.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_G

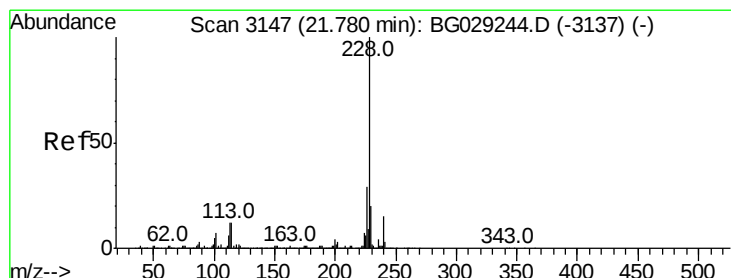
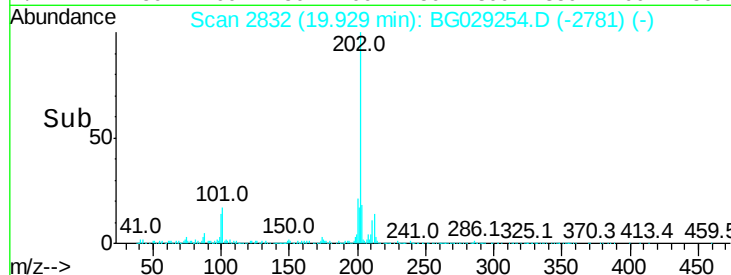
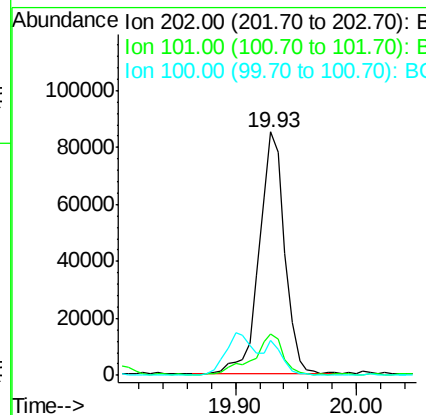
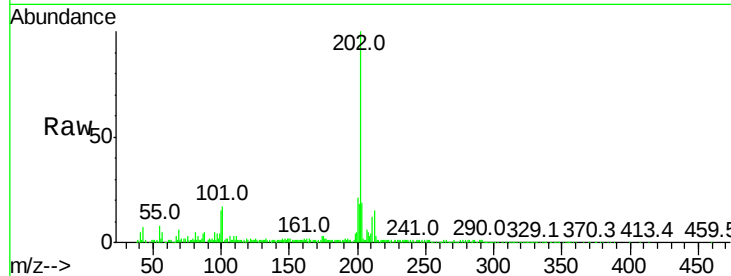
ClientSampleId :

B0C49

Tot Ion:	202	Resp:	125048
Ion Ratio	Lower	Upper	
202	100		
101	17.0	8.4	12.6#
100	14.5	7.0	10.6#

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#80

Benzo(a)anthracene

Concen: 1.513 ng/ul

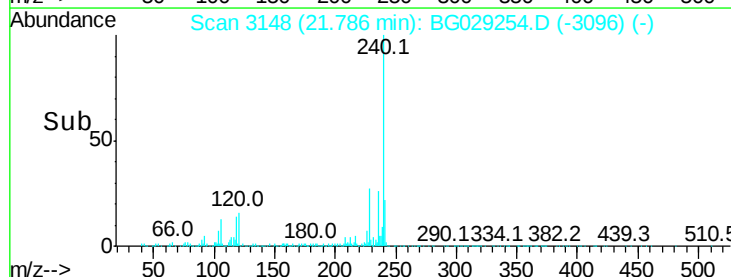
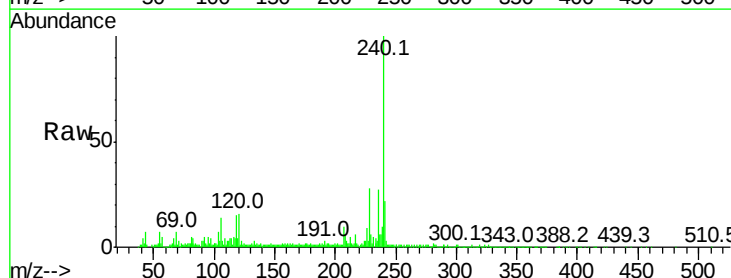
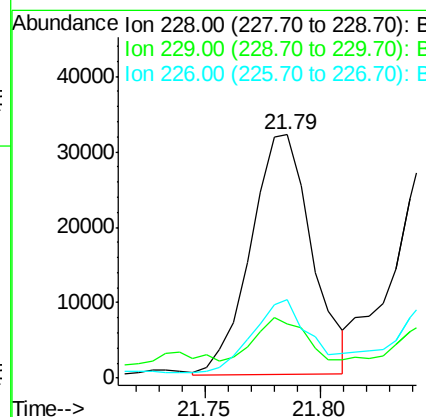
RT: 21.79 min Scan# 3148

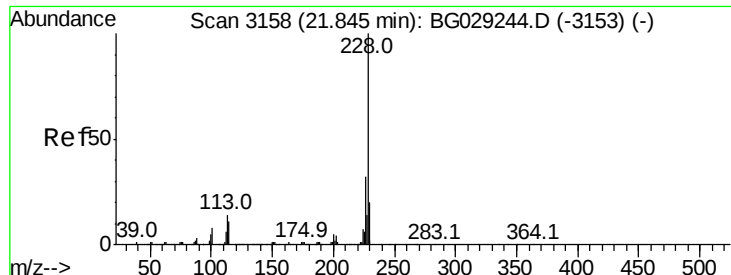
Delta R.T. 0.01 min

Lab File: BG029254.D

Acq: 15 Oct 2017 11:33

Tgt Ion:	228	Resp:	58592
Ion Ratio	Lower	Upper	
228	100		
229	22.5	16.2	24.4
226	32.3	22.2	33.2





#82

Chrysene

Concen: 1.895 ng/ul m

RT: 21.85 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG029254.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_G

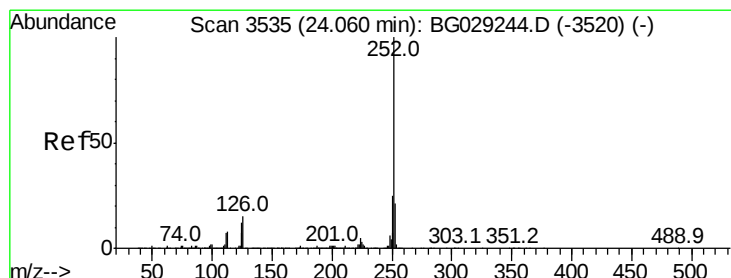
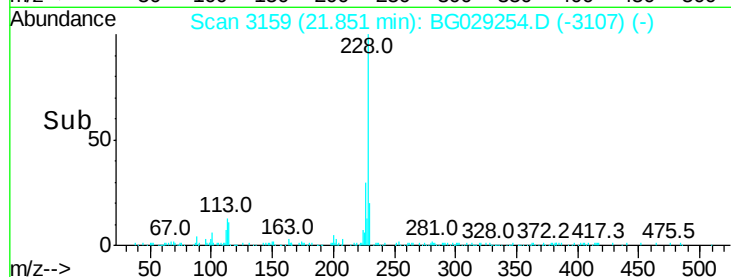
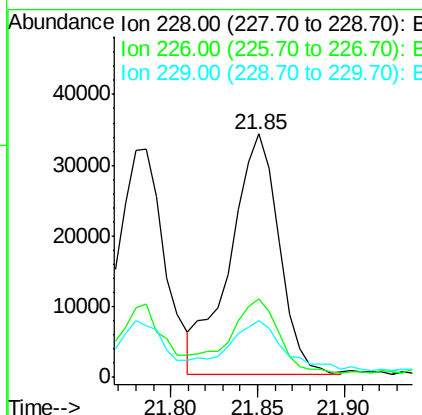
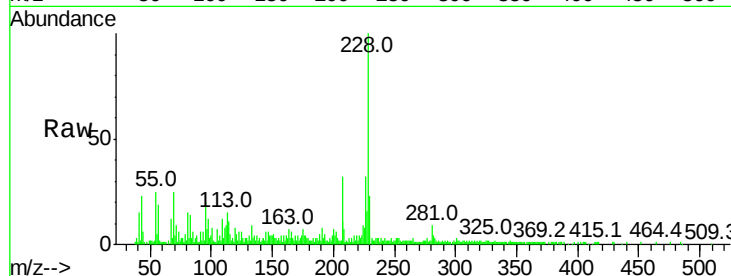
ClientSampled :

B0C49

Tot Ion:	228	Resp:	66657
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.2	36.2
229	23.1	15.2	22.8#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 2.116 ng/ul

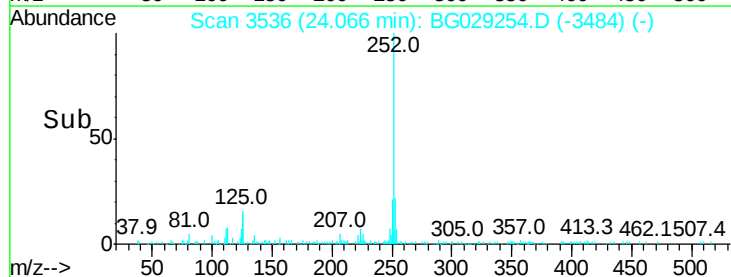
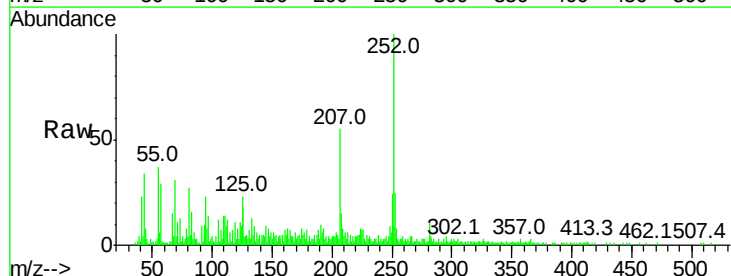
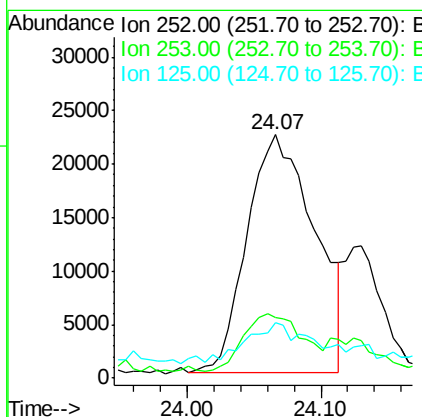
RT: 24.07 min Scan# 3536

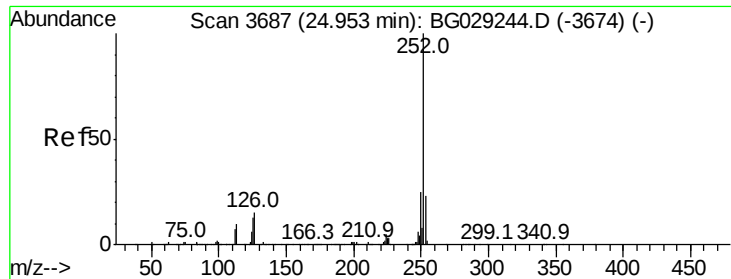
Delta R.T. 0.01 min

Lab File: BG029254.D

Acq: 15 Oct 2017 11:33

Tgt Ion:	252	Resp:	78479
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.0	25.4
125	22.5	7.5	11.3#





#88

Benzo(a)pyrene

Concen: 1.440 ng/ul

RT: 24.96 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG029254.D

Acq: 15 Oct 2017 11:33

Instrument :

BNA_G

ClientSampleId :

B0C49

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	21.2	7.8	11.8#

Manual Integrations
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