

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029478.D
 Acq On : 26 Oct 2017 14:57
 Operator : SJ/JU
 Sample : I5792-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D49

Manual Integrations
 APPROVED

Sohil
 10/27/2017 5:32:53 PM

Quant Time: Oct 26 17:48:01 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 15:59:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	106424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	494874	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	692978	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	717946	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	734470	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	15316	5.85	ng/uL	0.00
5) Phenol-d5	7.33	99	377769	36.98	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.49	67	211542	33.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	303934	42.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	312086	37.83	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	152042	42.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	180964	49.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	334366	40.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	301645	31.30	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	961167	36.05	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1239173	38.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	128647	26.14	ng/ul	0.00
57) Fluorene-d10	15.78	176	878767	40.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	107355	31.74	ng/ul	0.00
70) Anthracene-d10	17.63	188	1250995	38.17	ng/ul	0.00
76) Pyrene-d10	19.91	212	1398362	37.63	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.91	264	1393398	40.06	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.35	94	49320	4.666	ng/ul	91
44) Dimethylphthalate	14.23	163	75359	2.898	ng/ul	98
69) Phenanthrene	17.57	178	190398	5.082	ng/ul	99
74) Fluoranthene	19.57	202	335029	8.002	ng/ul	99
77) Pyrene	19.93	202	311761	6.479	ng/ul	99
80) Benzo(a)anthracene	21.78	228	148877	3.309	ng/ul	98
82) Chrysene	21.85	228	172696	4.224	ng/ul	94
85) Benzo(b)fluoranthene	24.07	252	204228	4.632	ng/ul	99
86) Benzo(k)fluoranthene	24.13	252	75754m	1.777	ng/ul	
88) Benzo(a)pyrene	24.97	252	136235	3.174	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.92	276	81765	1.684	ng/ul	98
91) Benzo(g,h,i)perylene	30.12	276	65420	1.625	ng/ul#	91

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

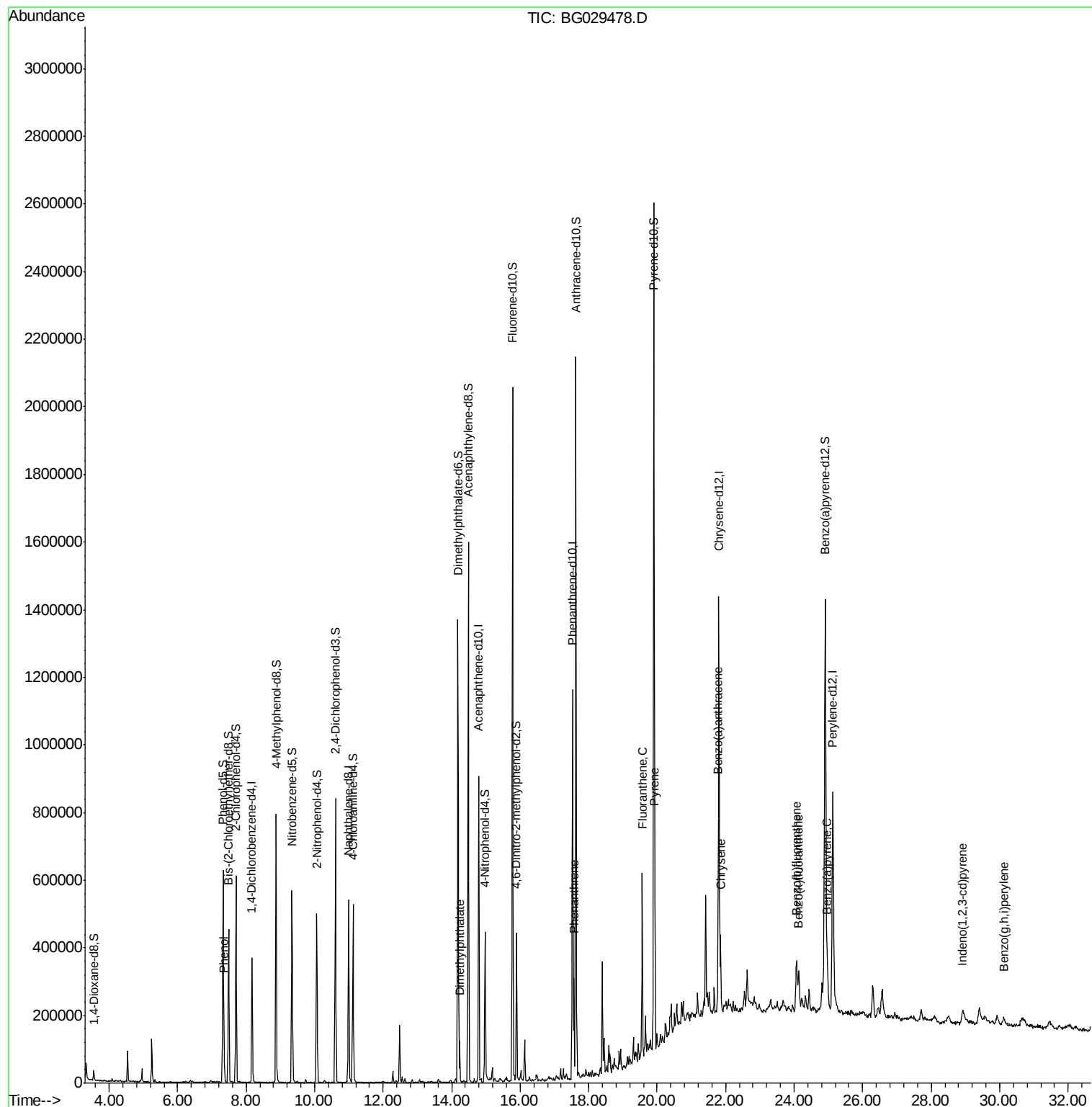
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029478.D
Acq On : 26 Oct 2017 14:57
Operator : SJ/JU
Sample : I5792-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

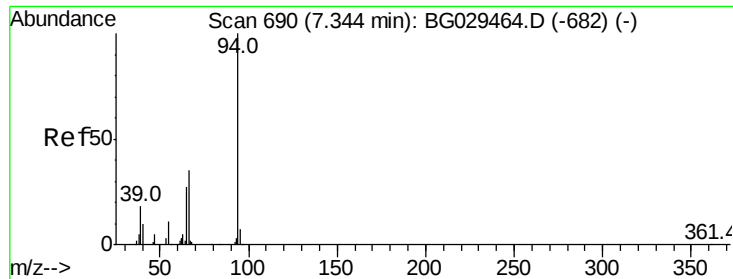
Instrument :
BNA_G
ClientSampled :
B0D49

Manual Integrations
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10/27/2017 5:32:53 PM

Quant Time: Oct 26 17:48:01 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 15:59:53 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.666 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG029478.D

Acq: 26 Oct 2017 14:57

Instrument :

BNA_G

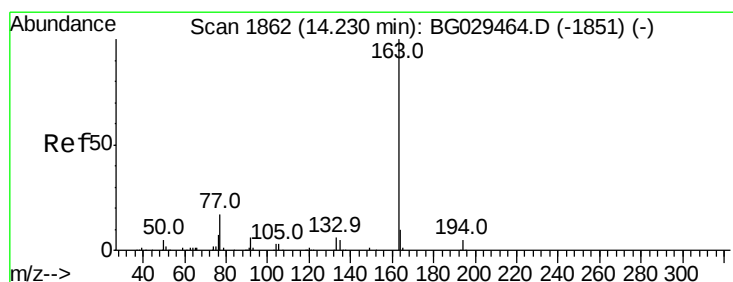
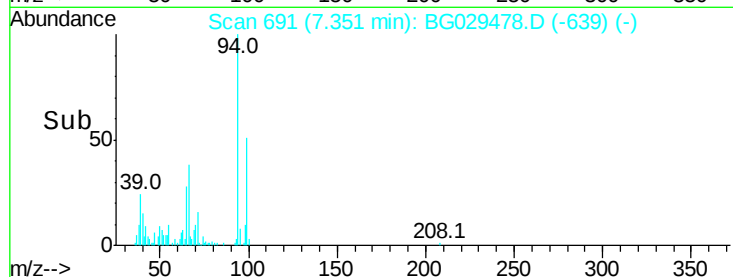
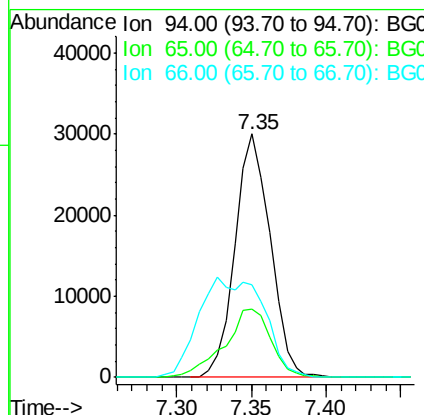
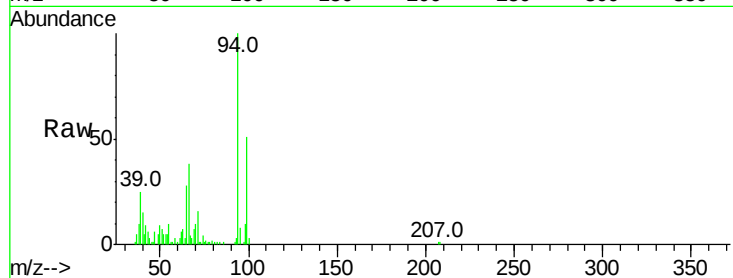
ClientSampleId :

B0D49

Tot Ion:	94	Resp:	49320
Ion Ratio	Lower	Upper	
94	100		
65	28.2	27.1	40.7
66	37.9	34.6	52.0

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#44

Dimethylphthalate

Concen: 2.898 ng/ul

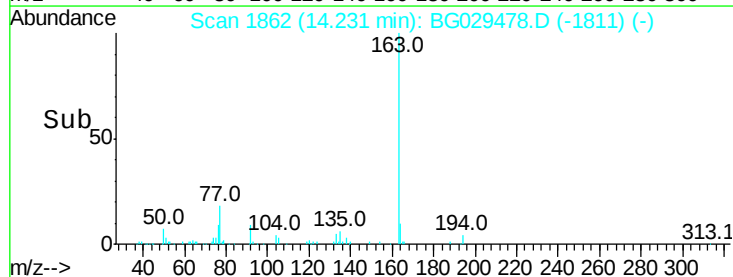
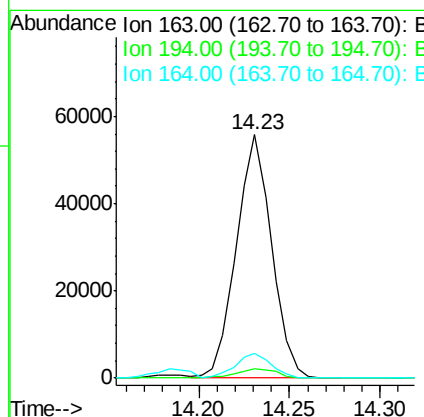
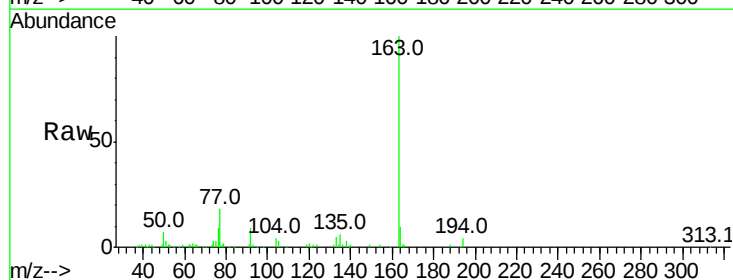
RT: 14.23 min Scan# 1862

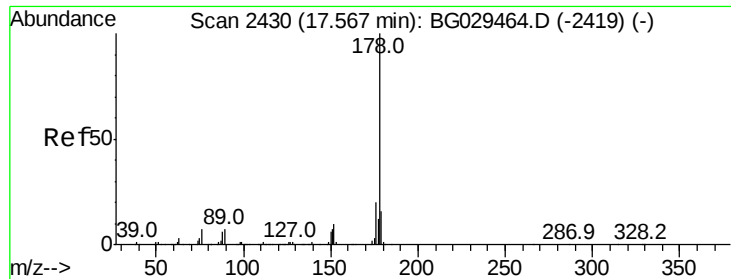
Delta R.T. 0.00 min

Lab File: BG029478.D

Acq: 26 Oct 2017 14:57

Tgt Ion:	163	Resp:	75359
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.2	7.6	11.4





#69

Phenanthrene

Concen: 5.082 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029478.D

Acq: 26 Oct 2017 14:57

Instrument :

BNA_G

ClientSampleId :

B0D49

Tot Ion:178 Resp: 190398

Ion Ratio Lower Upper

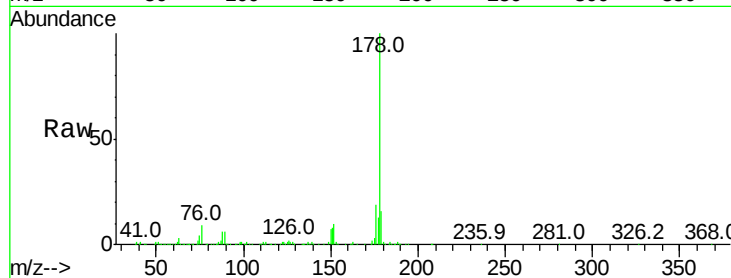
178 100

179 15.9 13.0 19.6

176 19.5 15.3 22.9

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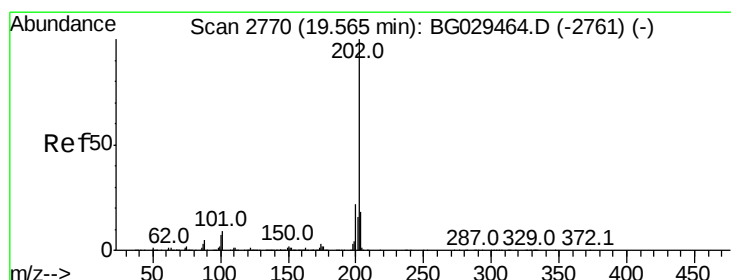
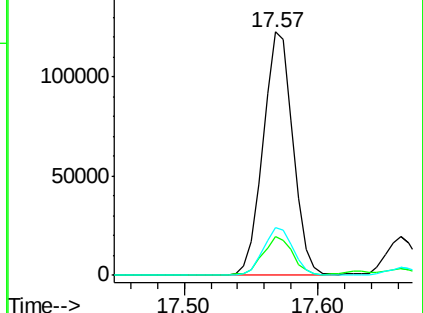
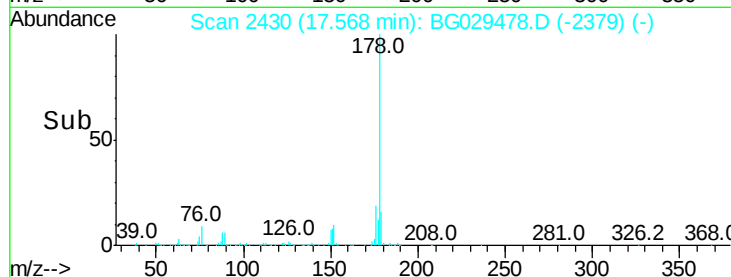
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 8.002 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029478.D

Acq: 26 Oct 2017 14:57

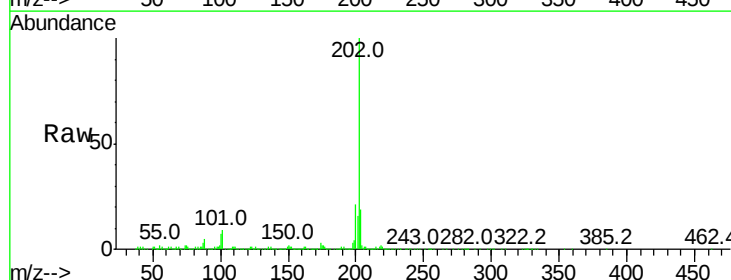
Tgt Ion:202 Resp: 335029

Ion Ratio Lower Upper

202 100

101 9.0 7.4 11.2

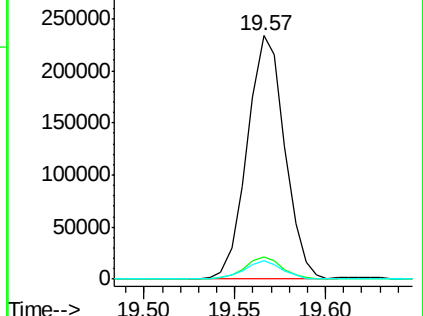
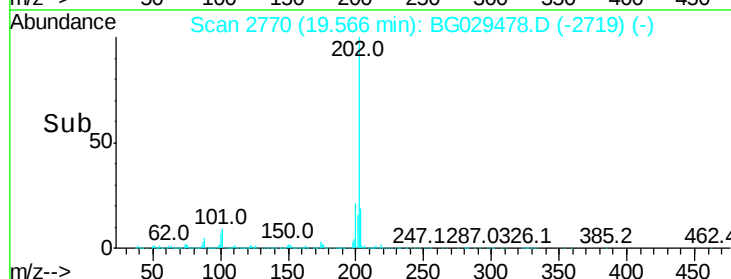
100 7.4 5.6 8.4

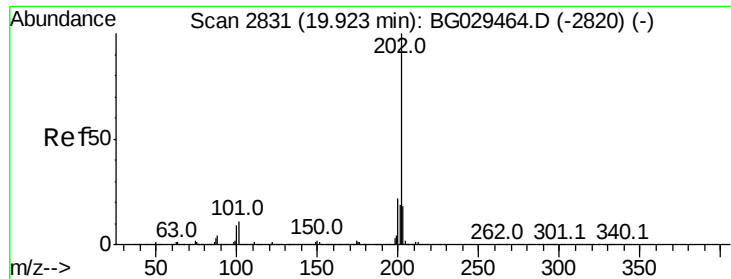


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





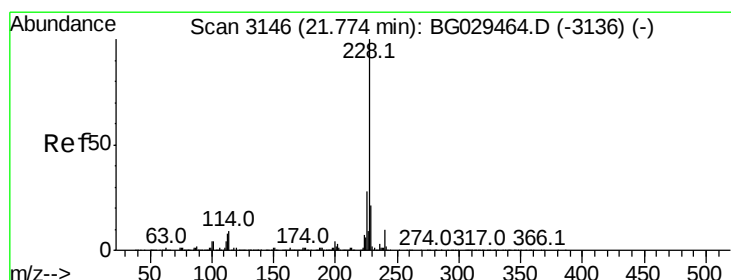
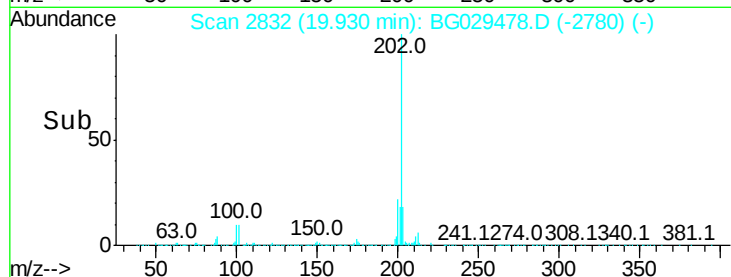
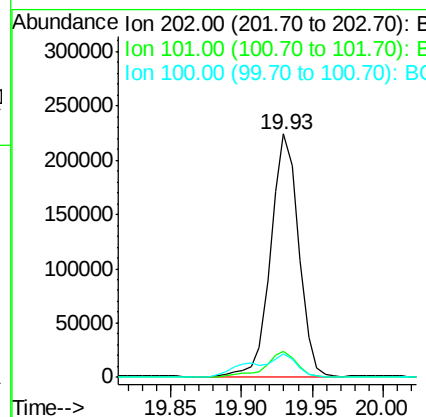
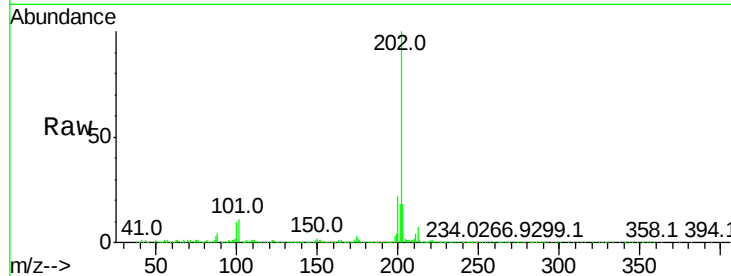
#77
Pvrene
Concen: 6.479 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG029478.D
Acq: 26 Oct 2017 14:57

Instrument :
BNA_G
ClientSampleId :
B0D49

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	8.4	12.6
100	9.5	7.0	10.6

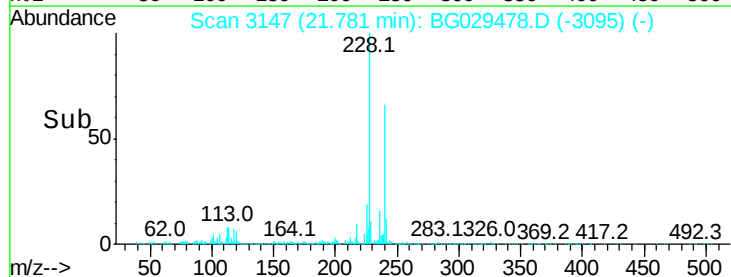
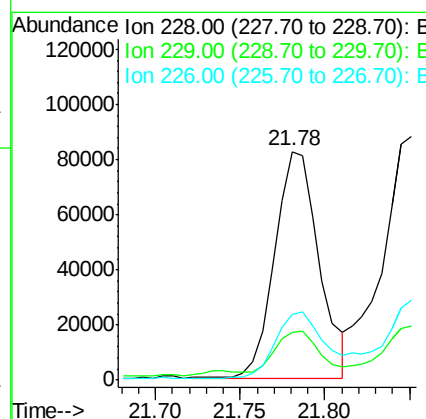
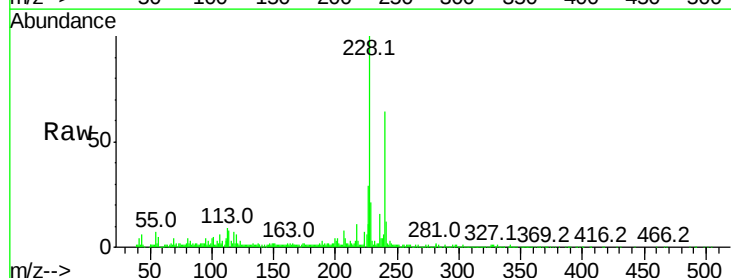
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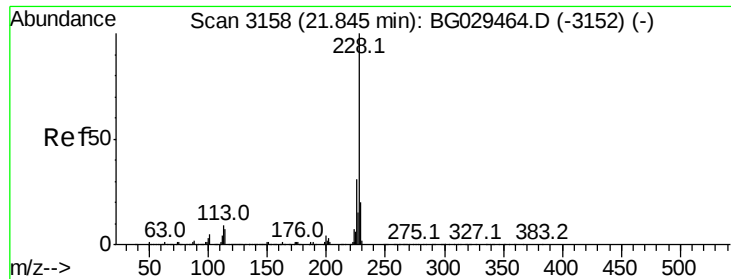
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#80
Benzo(a)anthracene
Concen: 3.309 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG029478.D
Acq: 26 Oct 2017 14:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	16.2	24.4
226	28.8	22.2	33.2





#82

Chrysene

Concen: 4.224 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG029478.D

Acq: 26 Oct 2017 14:57

Instrument :

BNA_G

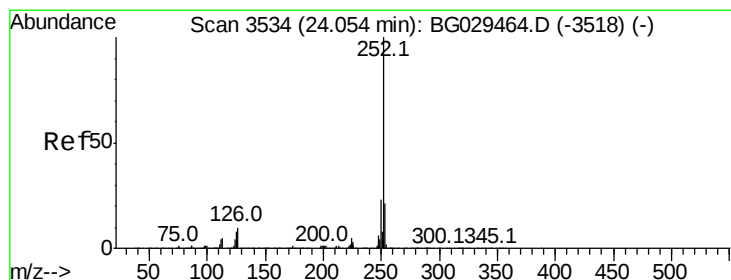
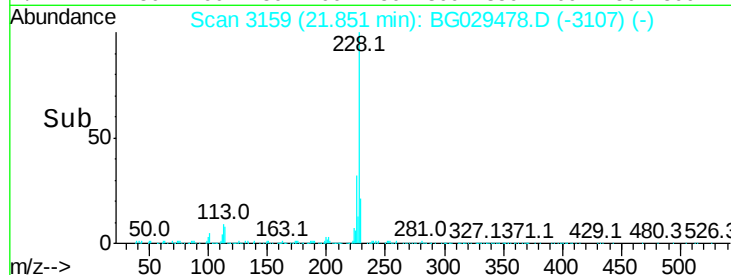
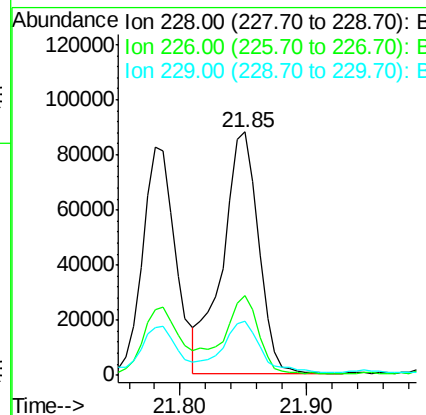
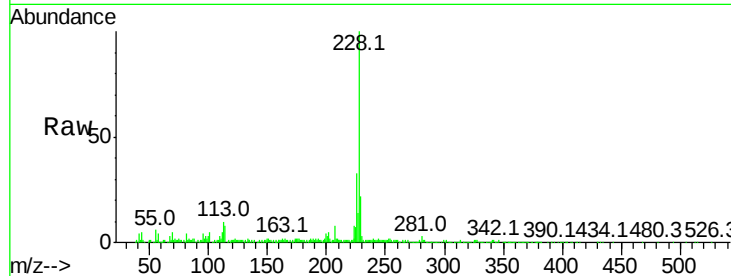
ClientSampled :

B0D49

Tot Ion:	228	Resp:	172696
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.2	36.2
229	22.4	15.2	22.8

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#85

Benzo(b)fluoranthene

Concen: 4.632 ng/ul

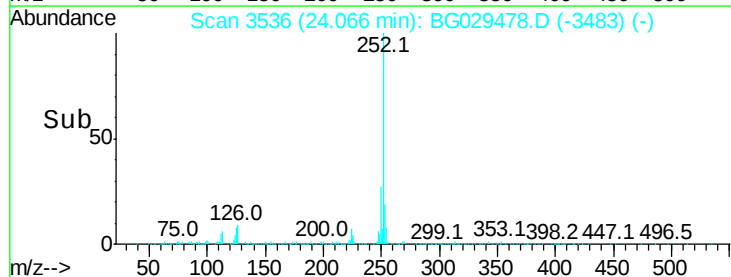
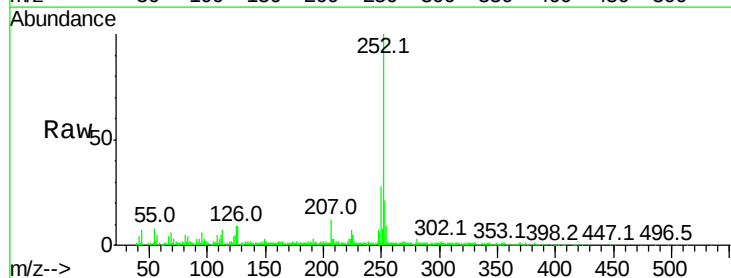
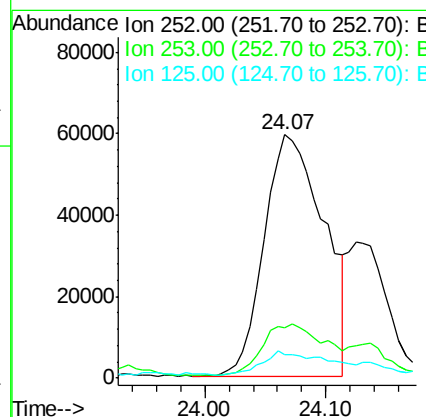
RT: 24.07 min Scan# 3536

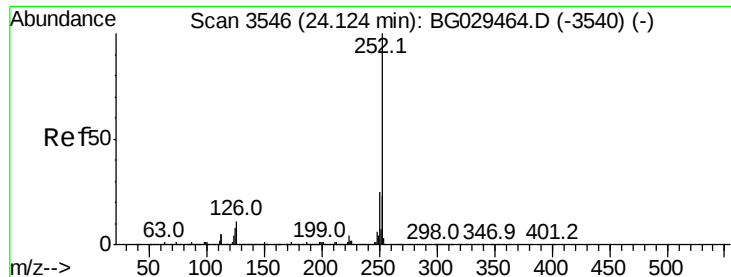
Delta R.T. 0.01 min

Lab File: BG029478.D

Acq: 26 Oct 2017 14:57

Tgt Ion:	252	Resp:	204228
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.0	25.4
125	9.5	7.5	11.3





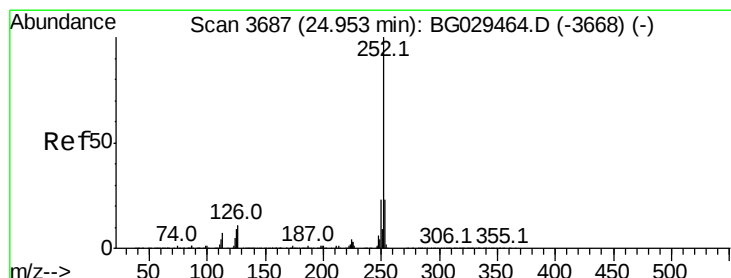
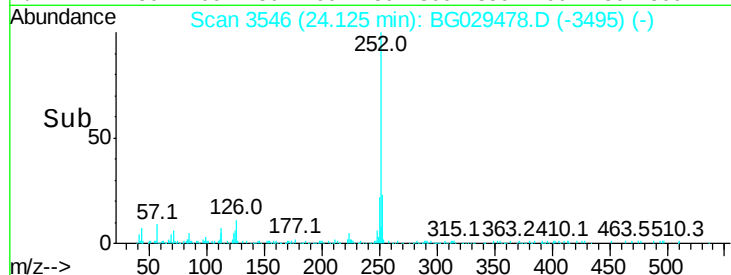
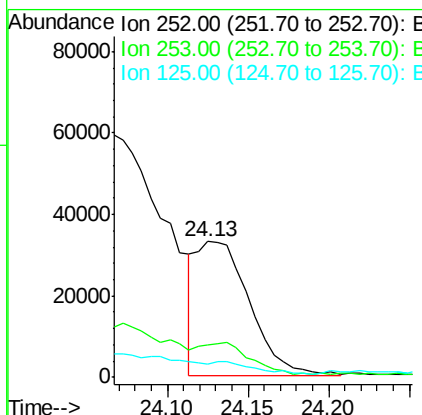
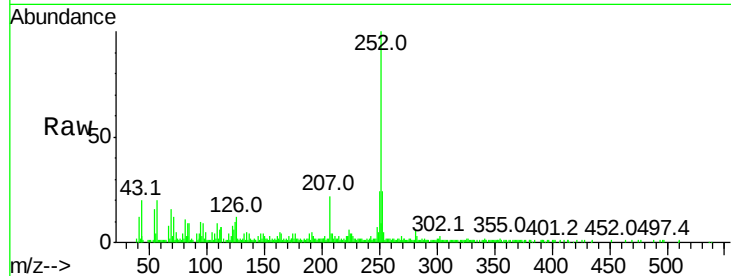
#86
Benzo(k)fluoranthene
Concen: 1.777 ng/ul m
RT: 24.13 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG029478.D
Acq: 26 Oct 2017 14:57

Instrument :
BNA_G
ClientSampleId :
B0D49

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	9.6	7.8	11.8

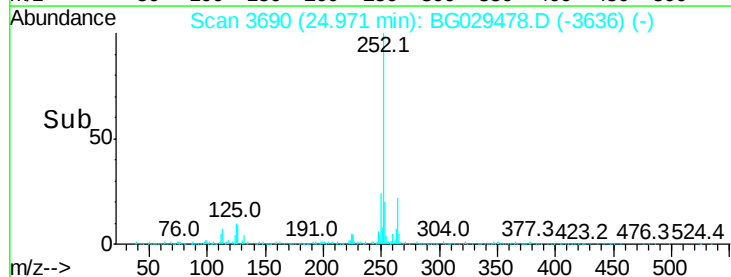
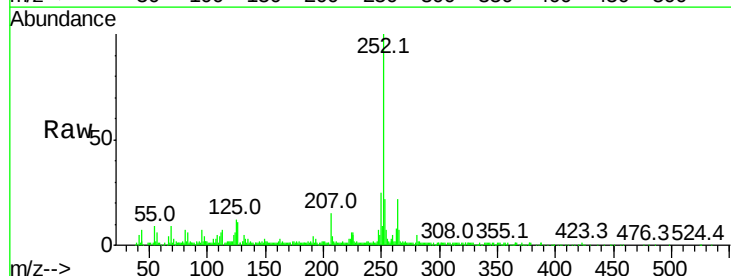
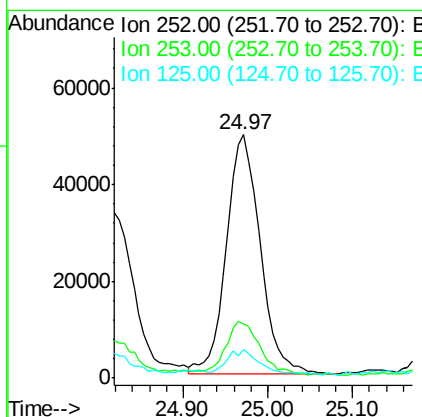
Manual Integrations
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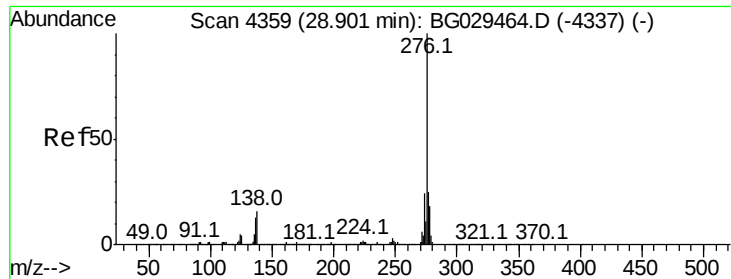
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#88
Benzo(a)pyrene
Concen: 3.174 ng/ul
RT: 24.97 min Scan# 3690
Delta R.T. 0.02 min
Lab File: BG029478.D
Acq: 26 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	11.7	7.8	11.8





#89

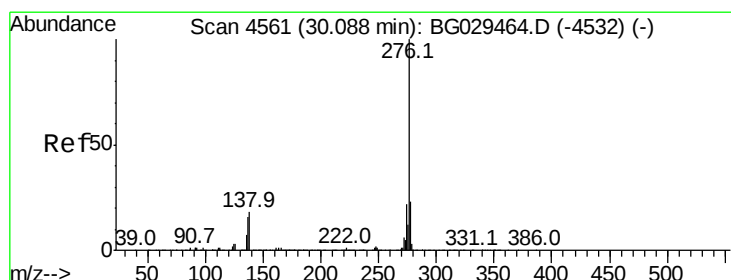
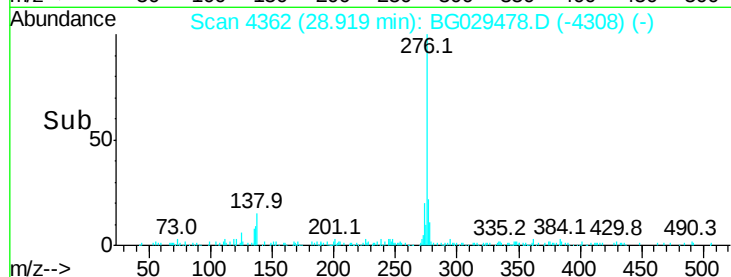
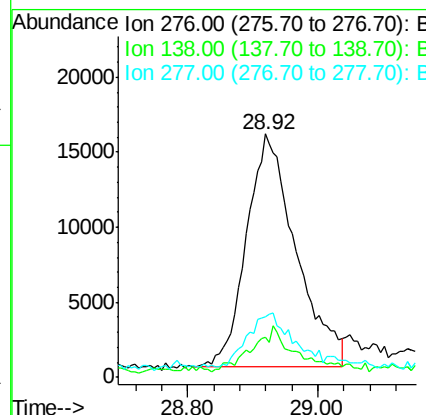
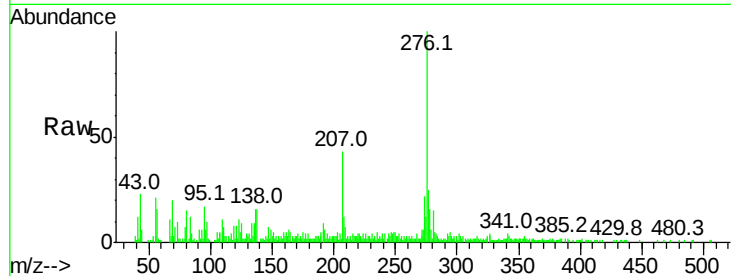
Indeno(1,2,3-cd)pyrene
Concen: 1.684 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. 0.02 min
Lab File: BG029478.D
Acq: 26 Oct 2017 14:57

Instrument :
BNA_G
ClientSampleId :
B0D49

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.4	20.0
277	24.7	18.6	28.0

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#91

Benzo(g,h,i)perylene
Concen: 1.625 ng/ul
RT: 30.12 min Scan# 4566
Delta R.T. 0.03 min
Lab File: BG029478.D
Acq: 26 Oct 2017 14:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	12.1	18.1#
277	25.9	17.7	26.5

