

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
 Data File : BG046933.D
 Acq On : 16 Oct 2020 16:45
 Operator : CG/JU
 Sample : L4201-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AK8

Manual Integrations
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Quant Time: Oct 16 17:23:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 16 02:00:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	57279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	240767	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	168702	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	347838	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	316115	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	329331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3184	2.47	ng/uL	0.00
5) Phenol-d5	7.23	99	73066	14.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	55647	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	63015	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	48364	11.99	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	36584	17.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	34991	14.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	69459	15.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	27550	5.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	240505	17.16	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	286203	17.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	13949	5.77	ng/ul	0.00
58) Fluorene-d10	15.70	176	217297	16.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	3285	1.37	ng/ul	0.01
71) Anthracene-d10	17.55	188	298357	17.71	ng/ul	0.00
79) Pyrene-d10	19.84	212	311142	17.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	297043	16.01	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.16	163	51262	3.528	ng/ul#	96
48) Acenaphthylene	14.44	152	20079	1.244	ng/ul#	91
50) Acenaphthene	14.77	153	26779	2.365	ng/ul	96
54) Dibenzofuran	15.11	168	33292	1.979	ng/ul	95
59) Fluorene	15.75	166	44460	3.220	ng/ul	92
70) Phenanthrene	17.50	178	883963	44.412	ng/ul	98
72) Anthracene	17.59	178	273512	13.604	ng/ul	98
75) Carbazole	17.85	167	18383	1.139	ng/ul#	92
77) Fluoranthene	19.51	202	1982817	81.582	ng/ul#	97
80) Pyrene	19.87	202	1680883	78.570	ng/ul	99
83) Benzo(a)anthracene	21.71	228	1121889	51.421	ng/ul	96
85) Chrysene	21.78	228	922655	43.830	ng/ul	95
88) Benzo(b)fluoranthene	23.96	252	1277345	55.914	ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	412056m	18.704	ng/ul	
91) Benzo(a)pyrene	24.84	252	867961	42.262	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	28.72	276	620770	24.673	ng/ul	99
93) Dibenzo(a,h)anthracene	28.75	278	184058	8.821	ng/ul	95
94) Benzo(g,h,i)perylene	29.87	276	488560m	23.133	ng/ul	

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

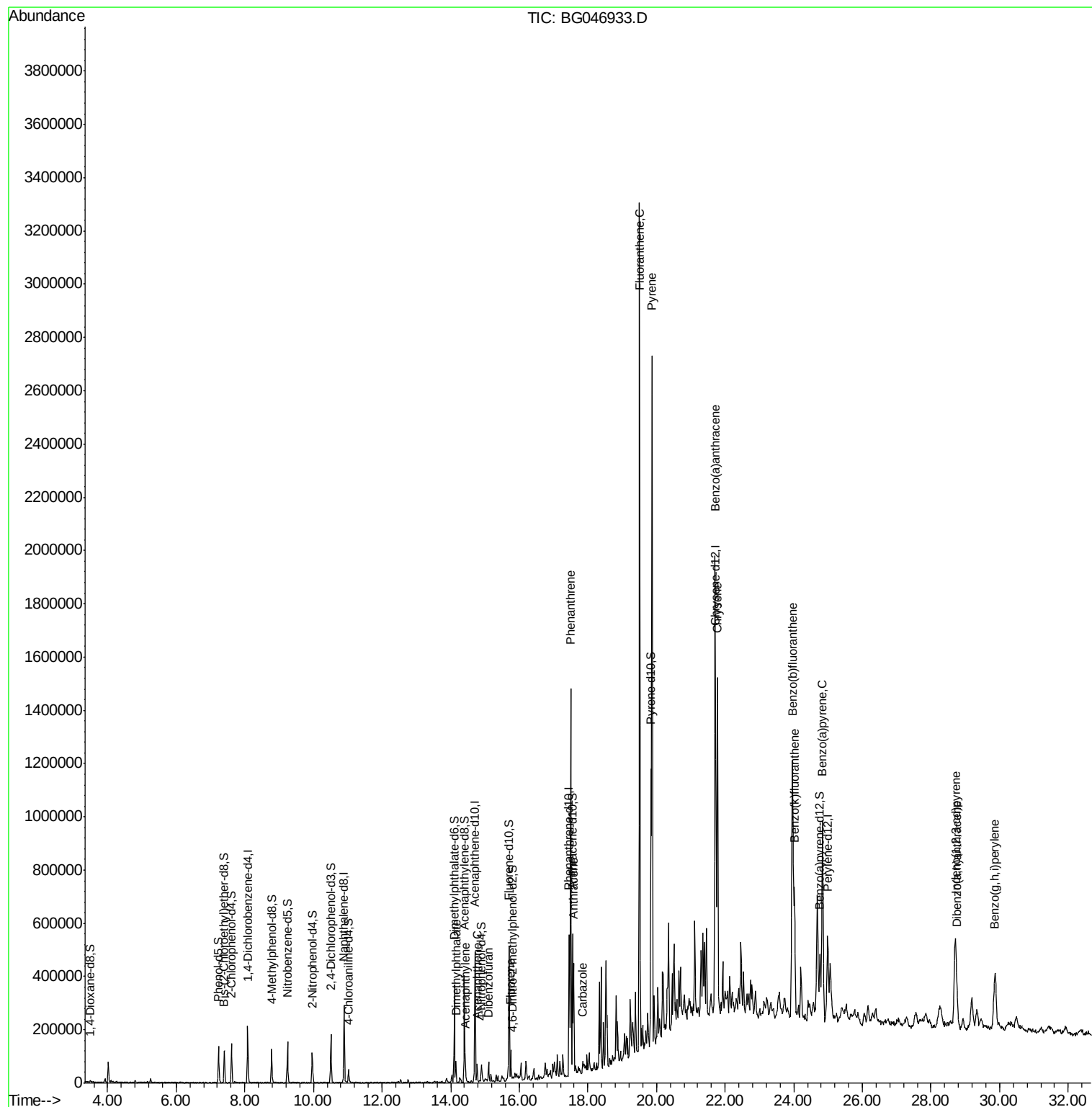
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046933.D
Acq On : 16 Oct 2020 16:45
Operator : CG/JU
Sample : L4201-18
Misc :
ALS Vial : 11 Sample Multiplier: 1

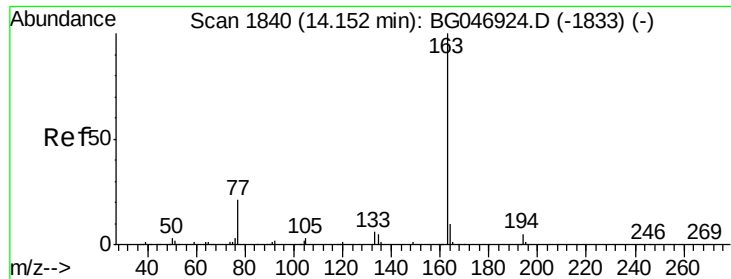
Instrument :
BNA_G
ClientSampleId :
C0AK8

Quant Time: Oct 16 17:23:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 16 02:00:57 2020
Response via : Initial Calibration

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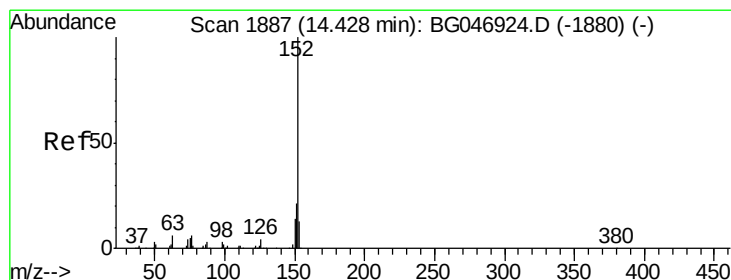
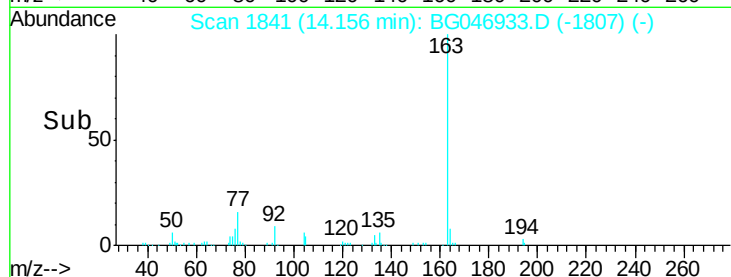
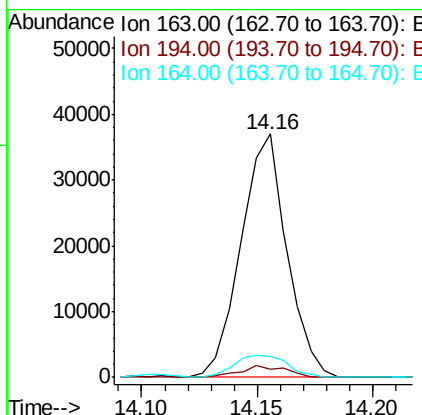
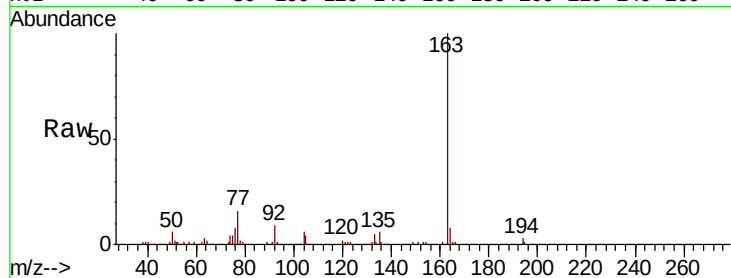
#45
Dimethylphthalate
Concen: 3.528 ng/ul
RT: 14.16 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Instrument :
BNA_G
ClientSampleId :
C0AK8

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.9	5.9#
164	8.3	7.8	11.8

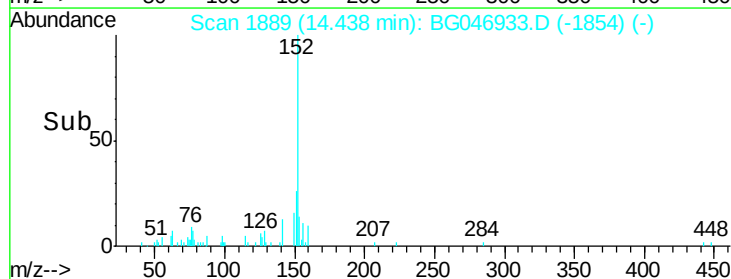
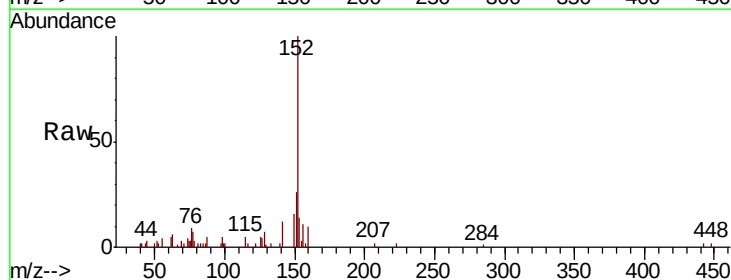
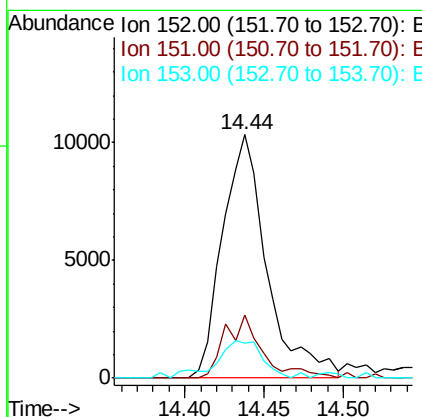
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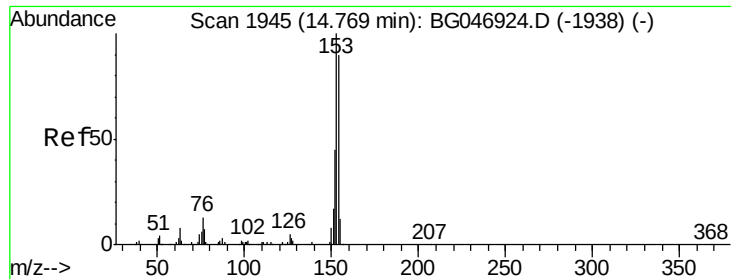
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#48
Acenaphthylene
Concen: 1.244 ng/ul
RT: 14.44 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.9	16.1	24.1#
153	14.2	10.1	15.1





#50

Acenaphthene

Concen: 2.365 ng/ul

RT: 14.77 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG046933.D

Acq: 16 Oct 2020 16:45

Instrument :

BNA_G

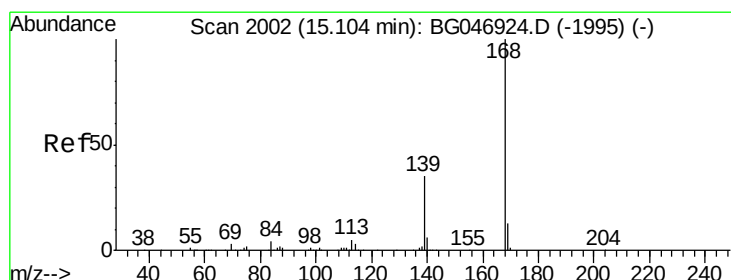
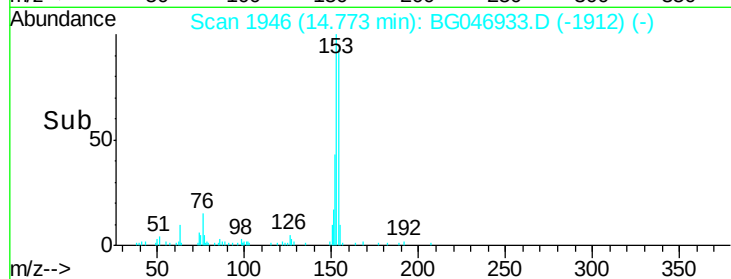
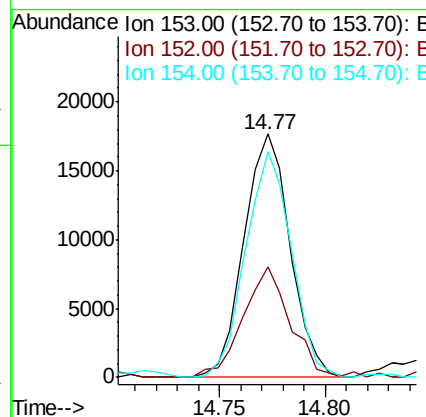
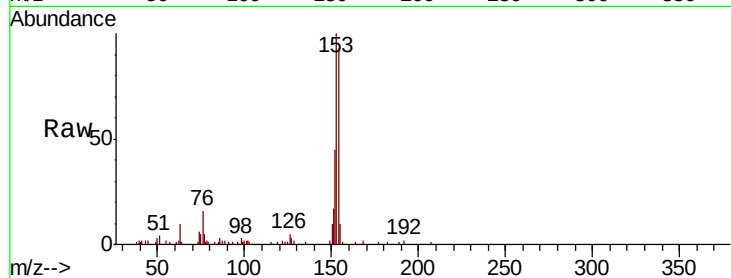
ClientSampleId :

C0AK8

Tot Ion:	153	Resp:	26779
Ion	Ratio	Lower	Upper
153	100		
152	45.4	39.0	58.6
154	92.9	71.6	107.4

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#54

Dibenzofuran

Concen: 1.979 ng/ul

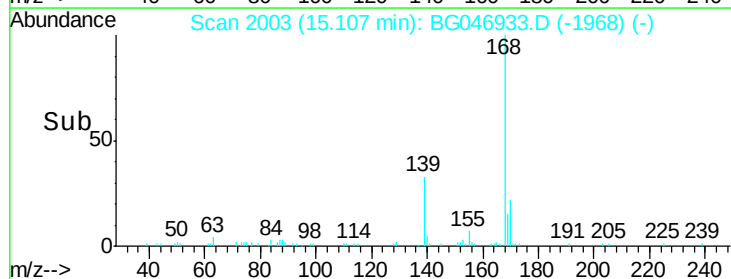
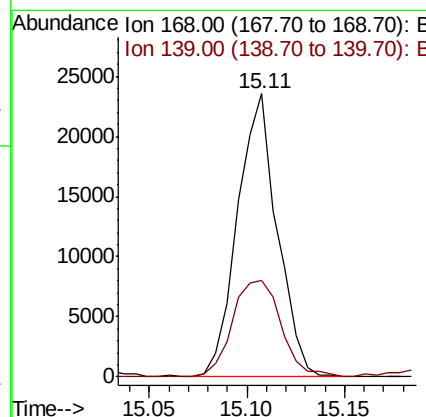
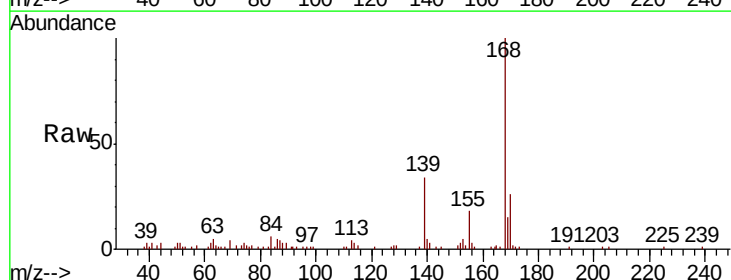
RT: 15.11 min Scan# 2003

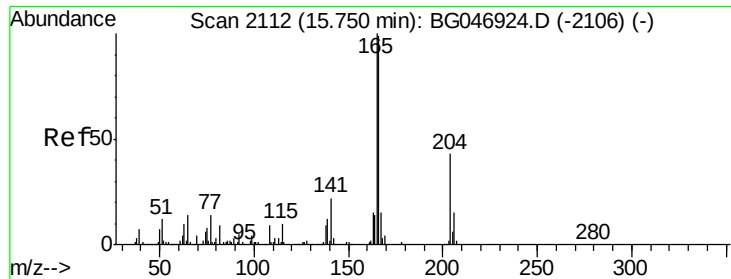
Delta R.T. 0.01 min

Lab File: BG046933.D

Acq: 16 Oct 2020 16:45

Tgt Ion:	168	Resp:	33292
Ion	Ratio	Lower	Upper
168	100		
139	34.2	29.8	44.6





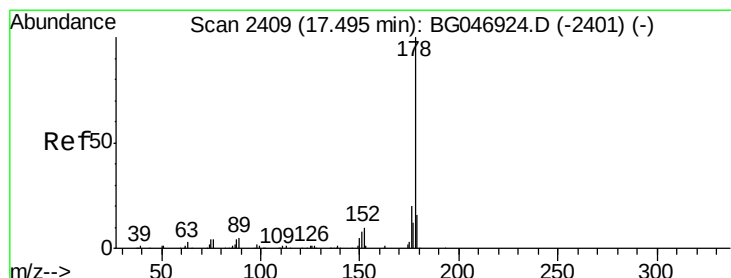
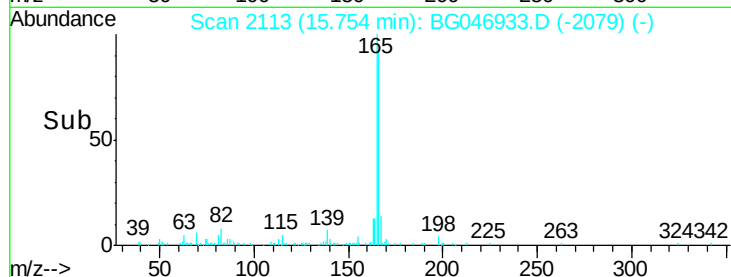
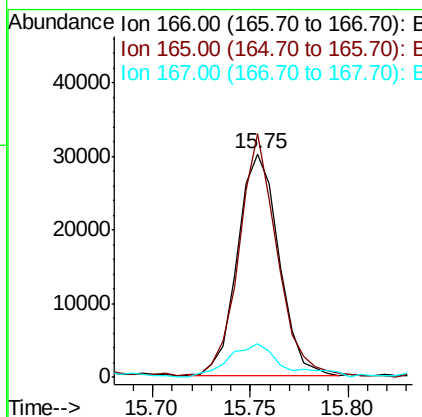
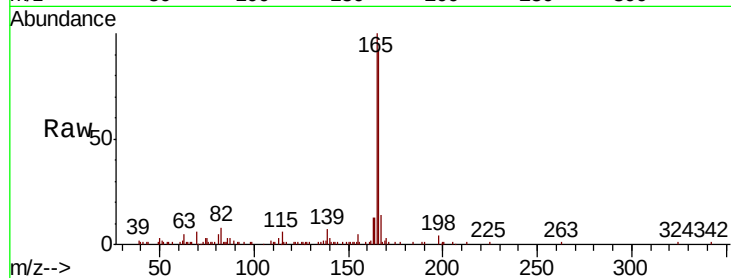
#59
 Fluorene
 Concen: 3.220 ng/ul
 RT: 15.75 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BG046933.D
 Acq: 16 Oct 2020 16:45

Instrument :
 BNA_G
 ClientSampleId :
 C0AK8

Tot Ion	Ratio	Lower	Upper
166	100		
165	108.8	80.4	120.6
167	14.8	10.6	16.0

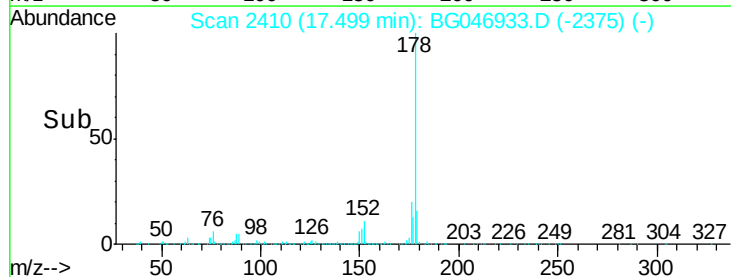
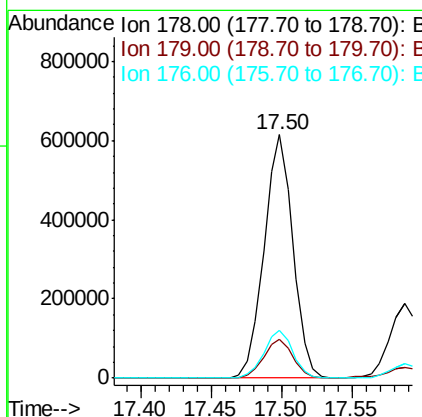
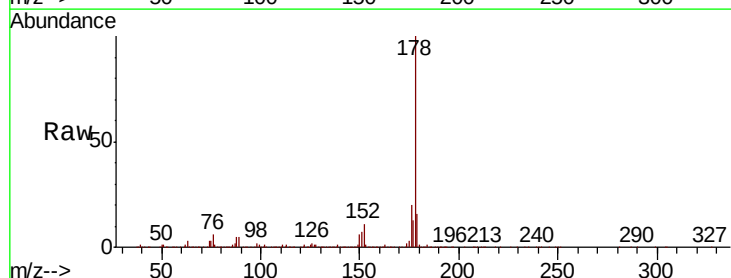
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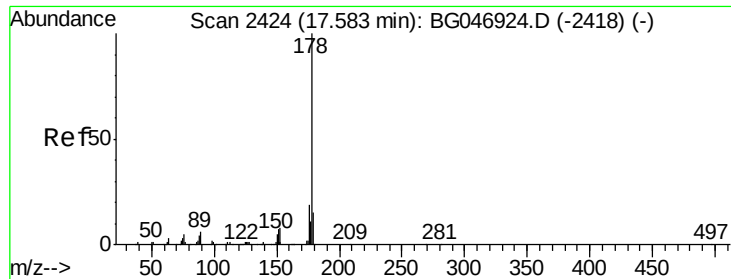
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#70
 Phenanthrene
 Concen: 44.412 ng/ul
 RT: 17.50 min Scan# 2410
 Delta R.T. 0.01 min
 Lab File: BG046933.D
 Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.9	15.0	22.4





#72

Anthracene

Concen: 13.604 ng/ul

RT: 17.59 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG046933.D

Acq: 16 Oct 2020 16:45

Instrument :

BNA_G

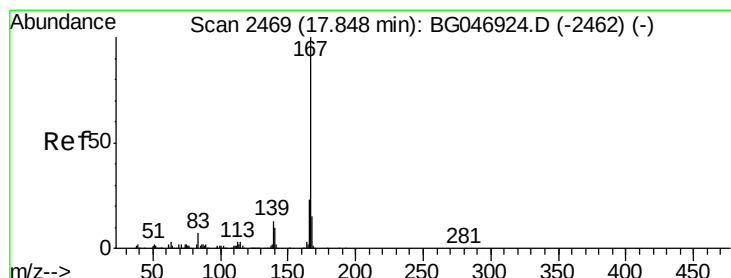
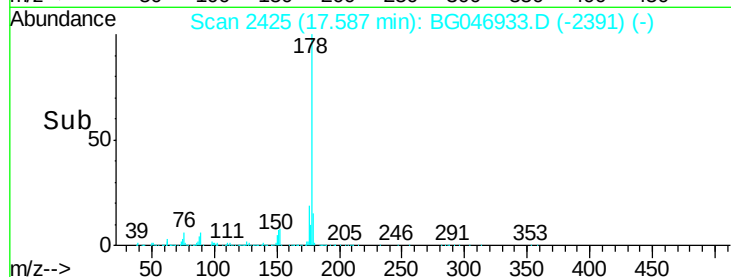
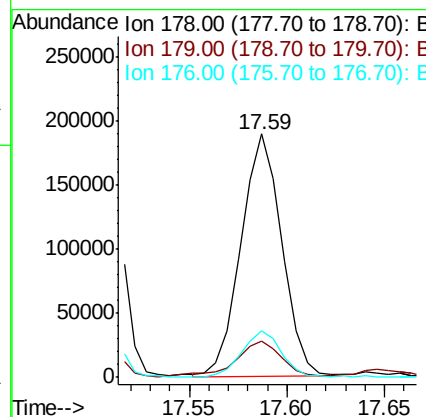
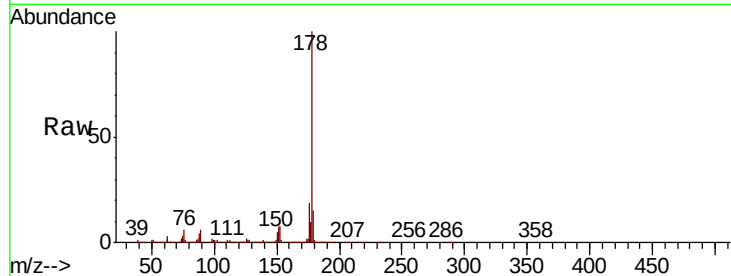
ClientSampleId :

C0AK8

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.4
176	18.9	16.2	24.4

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#75

Carbazole

Concen: 1.139 ng/ul

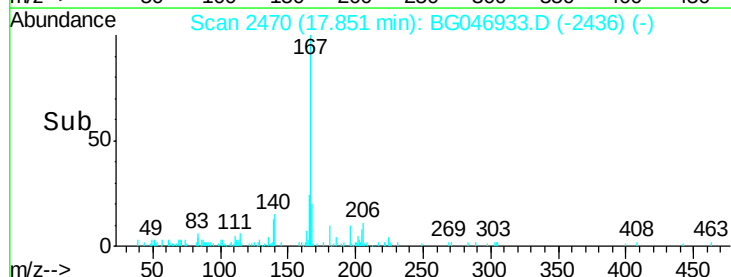
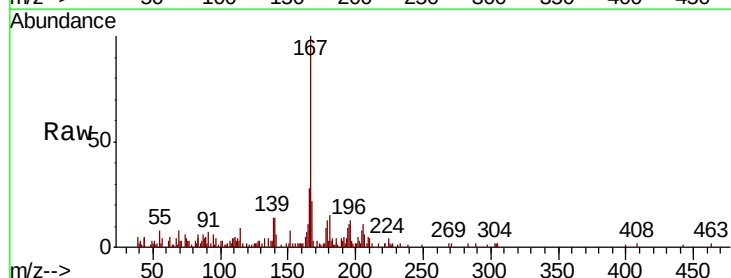
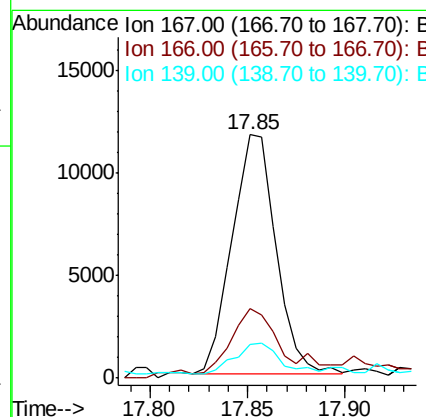
RT: 17.85 min Scan# 2470

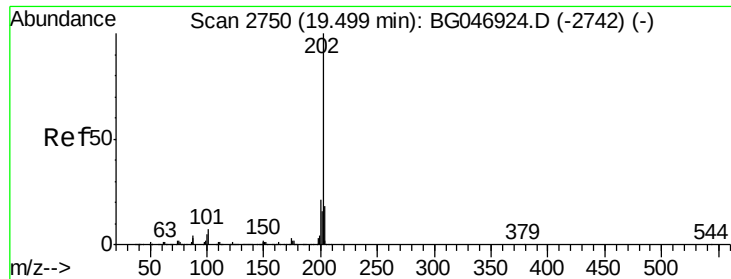
Delta R.T. 0.00 min

Lab File: BG046933.D

Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	28.4	18.6	27.8#
139	13.9	10.3	15.5





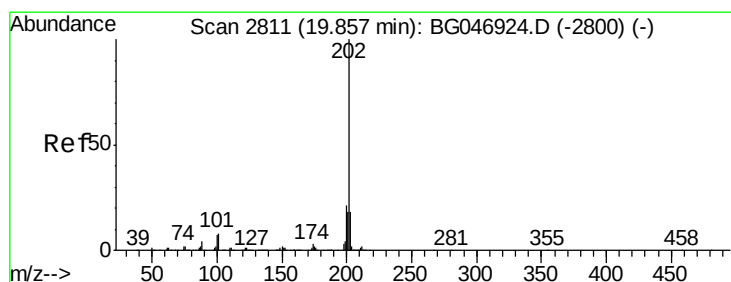
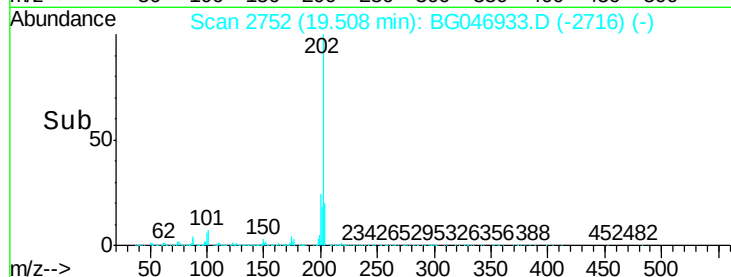
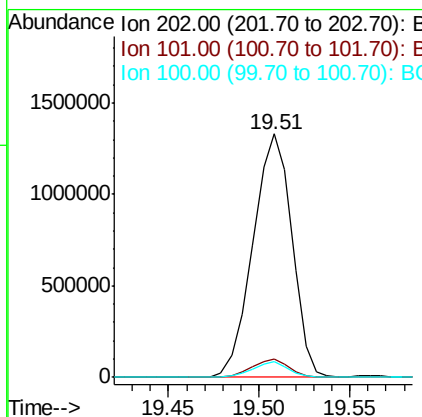
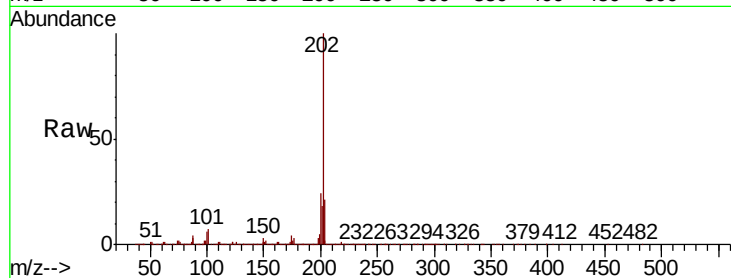
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Fluoranthene
Concen: 81.582 ng/ul
RT: 19.51 min Scan# 2752
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Instrument :
BNA_G
ClientSampleId :
C0AK8

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.9	7.3#
100	6.3	4.6	6.8

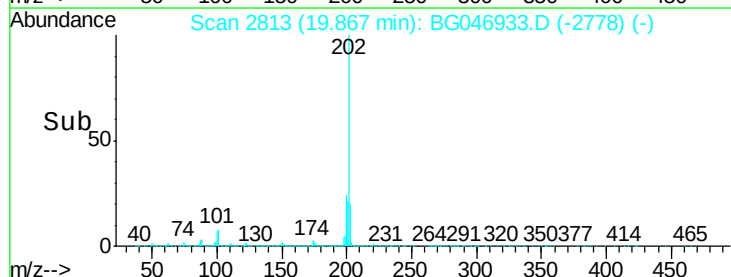
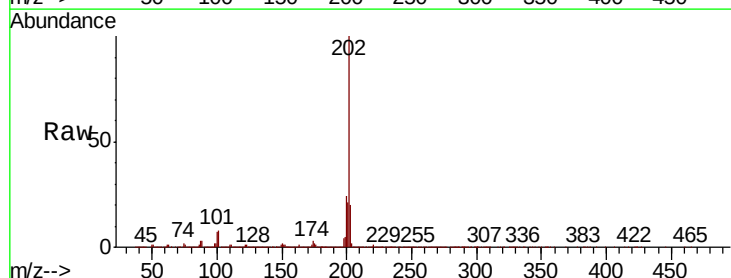
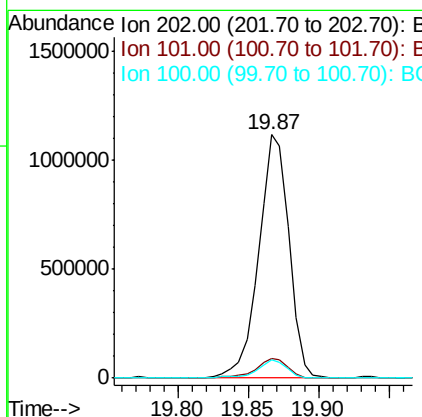
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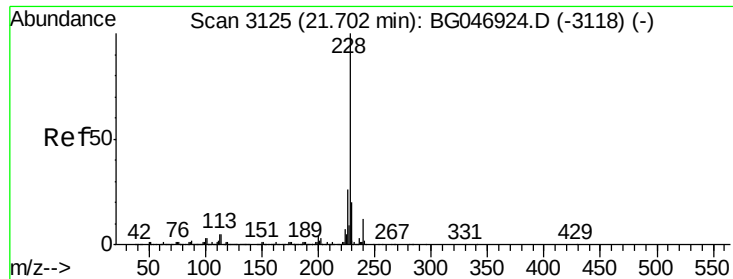
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#80
Pyrene
Concen: 78.570 ng/ul
RT: 19.87 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.5	9.7
100	7.4	5.2	7.8





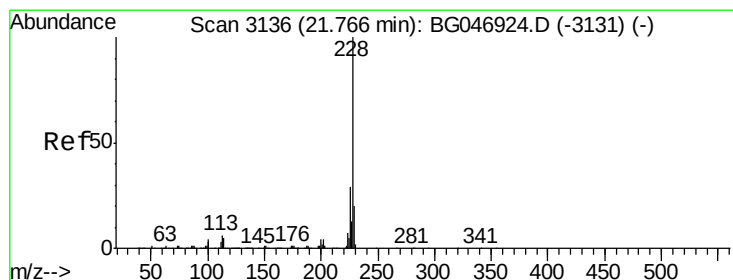
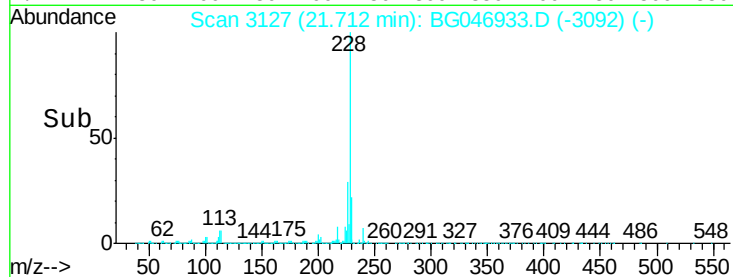
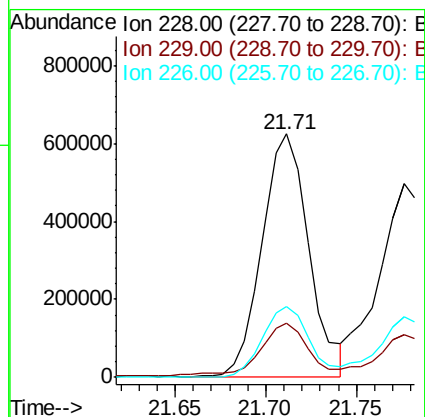
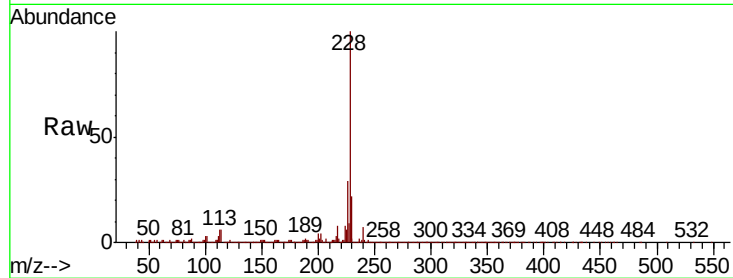
#83
Benzo(a)anthracene
Concen: 51.421 ng/ul
RT: 21.71 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Instrument :
BNA_G
ClientSampleId :
C0AK8

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	16.2	24.2
226	29.1	21.6	32.4

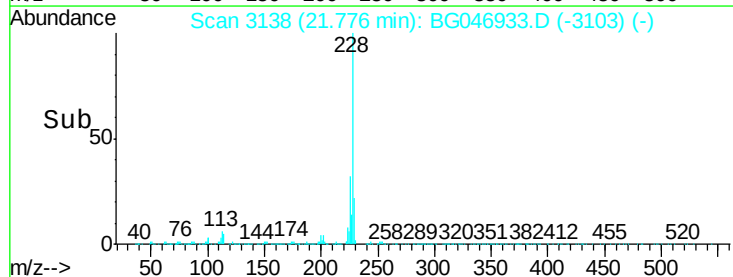
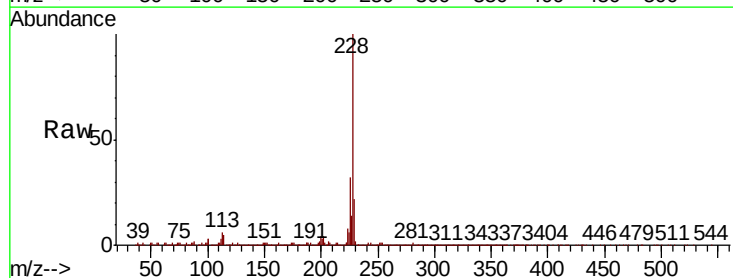
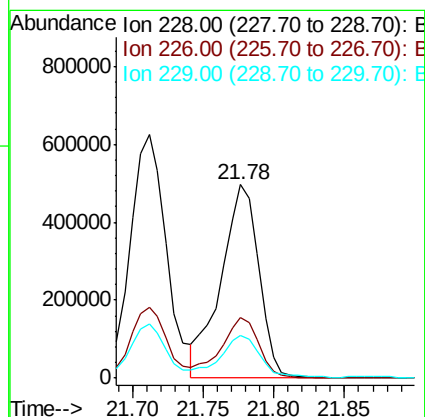
Manual Integrations
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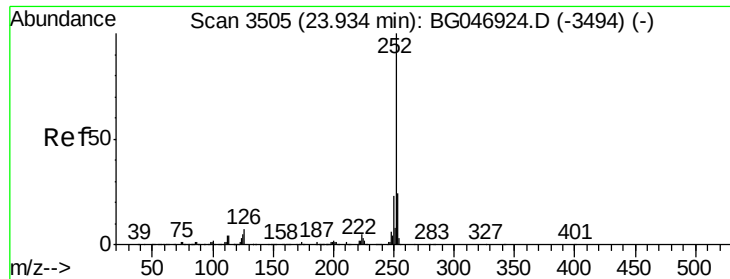
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#85
Chrysene
Concen: 43.830 ng/ul
RT: 21.78 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.2	34.8
229	22.0	15.6	23.4





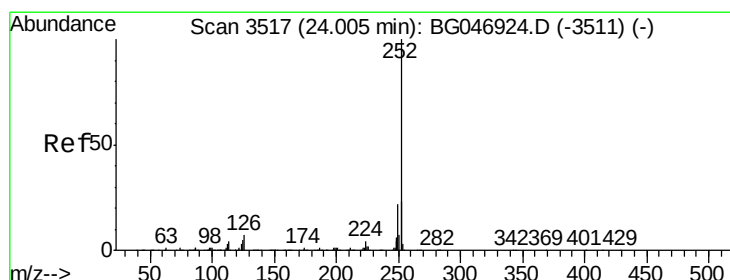
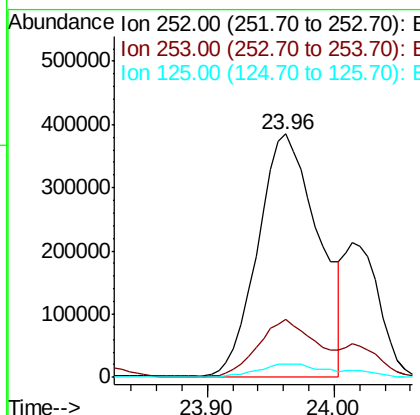
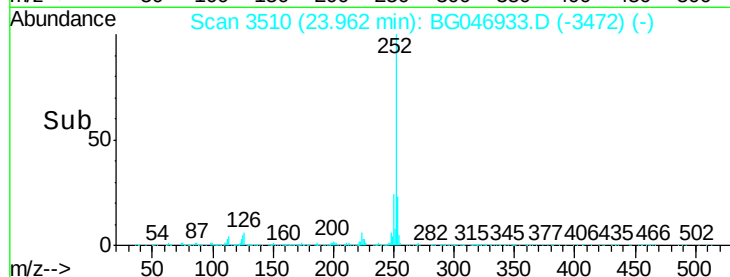
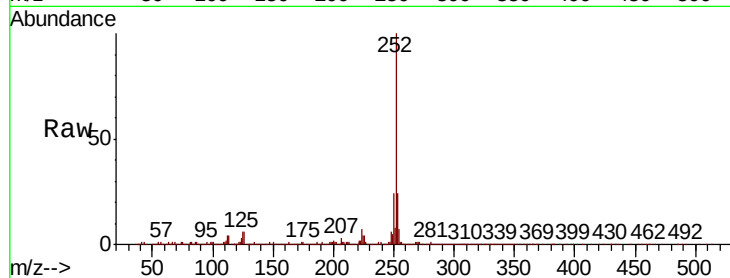
#88
Benzo(b)fluoranthene
Concen: 55.914 ng/ul
RT: 23.96 min Scan# 3510
Delta R.T. 0.02 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Instrument :
BNA_G
ClientSampleId :
C0AK8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.2	27.2
125	5.6	4.6	7.0

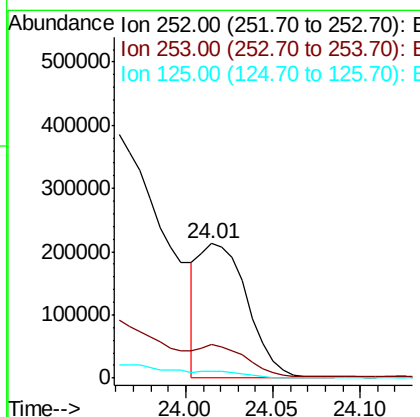
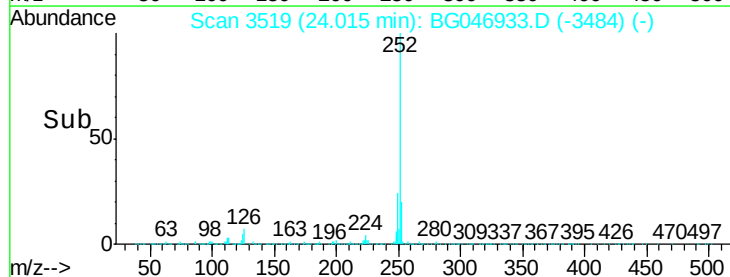
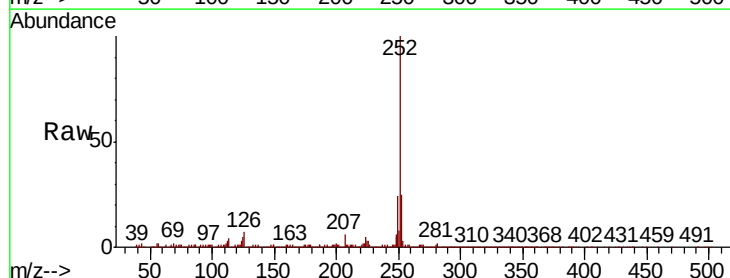
Manual Integrations
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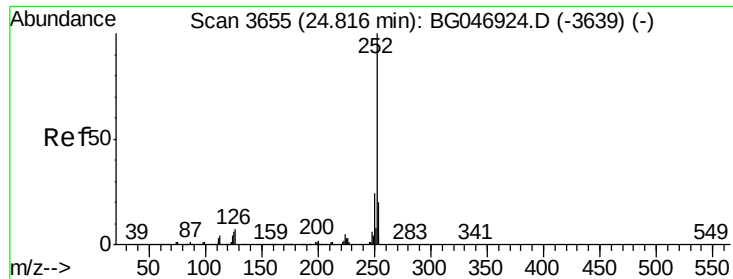
mohammad
10/19/2020 1:23:22 PM



#89
Benzo(k)fluoranthene
Concen: 18.704 ng/ul m
RT: 24.01 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	5.0	4.2	6.4





#91

Benzo(a)pyrene

Concen: 42.262 ng/ul

RT: 24.84 min Scan# 3659

Delta R.T. 0.02 min

Lab File: BG046933.D

Acq: 16 Oct 2020 16:45

Instrument :

BNA_G

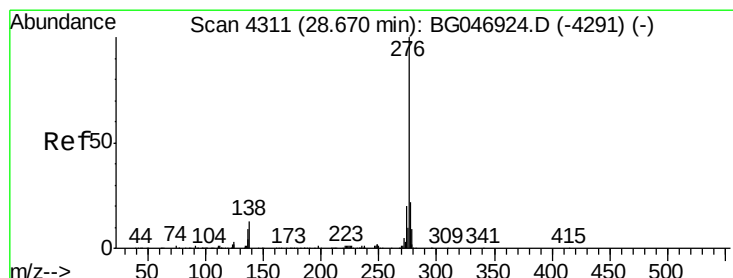
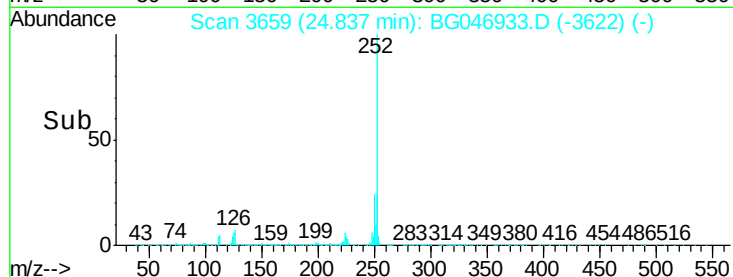
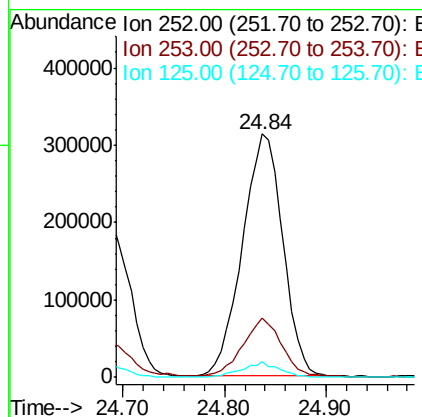
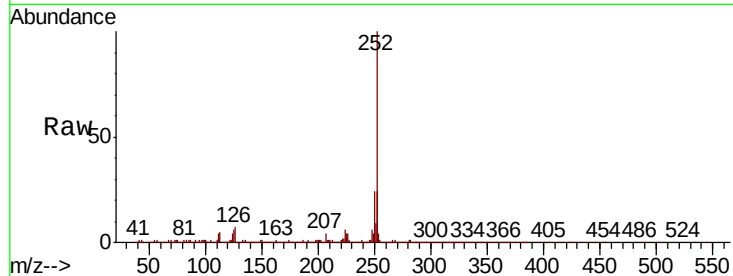
ClientSampleId :

C0AK8

Tot Ion:	252	Resp:	867961
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.2	25.8
125	6.3	5.4	8.0

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 24.673 ng/ul

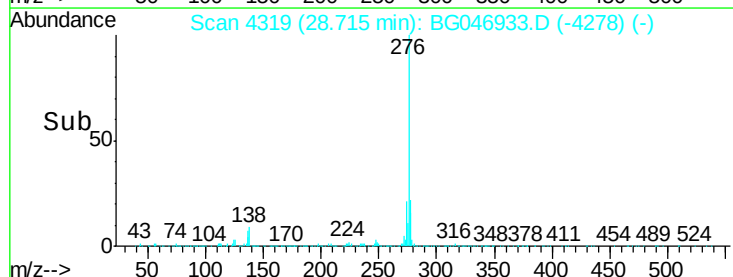
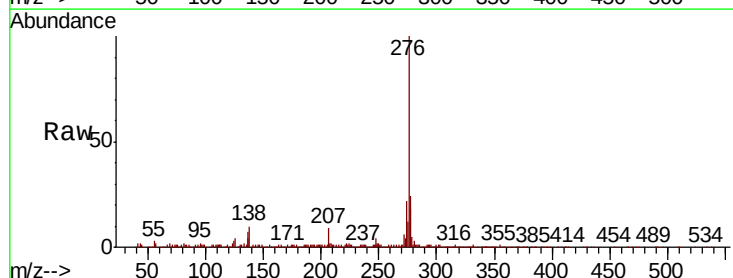
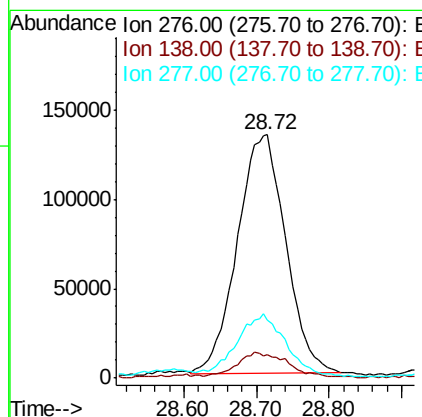
RT: 28.72 min Scan# 4319

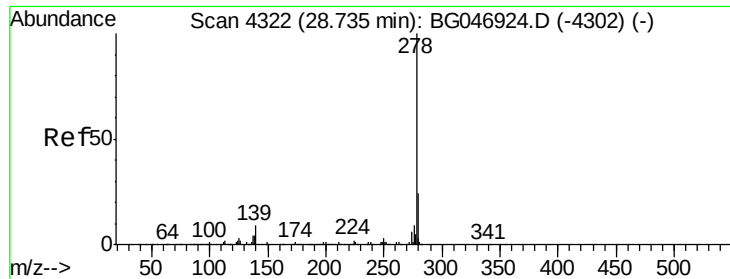
Delta R.T. 0.04 min

Lab File: BG046933.D

Acq: 16 Oct 2020 16:45

Tgt Ion:	276	Resp:	620770
Ion Ratio	Lower	Upper	
276	100		
138	9.7	7.8	11.6
277	23.9	19.4	29.2





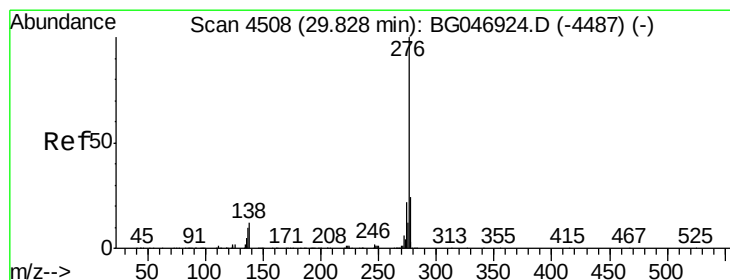
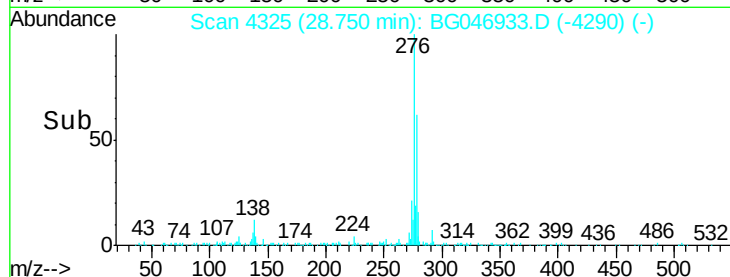
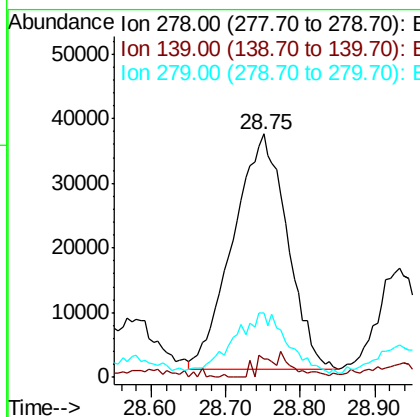
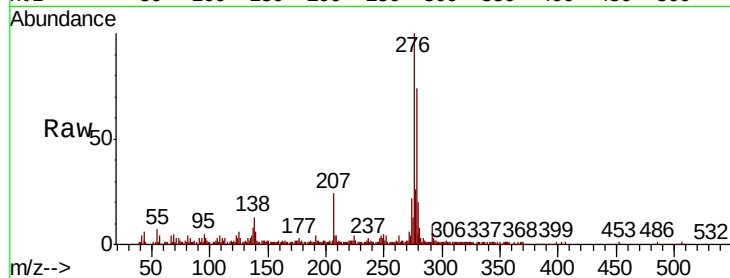
#93
Dibenzo(a,h)anthracene
Concen: 8.821 ng/ul
RT: 28.75 min Scan# 4325
Delta R.T. 0.01 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Instrument :
BNA_G
ClientSampleId :
C0AK8

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.5	7.0	10.6
279	26.4	19.0	28.4

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 23.133 ng/ul m
RT: 29.87 min Scan# 4516
Delta R.T. 0.04 min
Lab File: BG046933.D
Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.2	8.5	12.7
277	22.7	18.5	27.7

