

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048265.D
 Acq On : 22 Feb 2021 12:34
 Operator : CG/JU
 Sample : M1412-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGY3

Manual Integrations
 APPROVED

mohammad
 2/23/2021 3:42:37 PM

Quant Time: Feb 22 13:17:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 11:08:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40002	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	152412	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.75	164	101946	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	219323	20.00	ng/ul	0.01
78) Chrysene-d12	21.79	240	229727	20.00	ng/ul	0.02
86) Perylene-d12	25.10	264	223588	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	2759	2.87	ng/uL	0.01
5) Phenol-d5	7.33	99	72096	21.39	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	41714	20.78	ng/ul	0.01
9) 2-Chlorophenol-d4	7.67	132	52319	22.11	ng/ul	0.02
13) 4-Methylphenol-d8	8.87	113	57700	21.82	ng/ul	0.02
19) Nitrobenzene-d5	9.29	128	26307	23.11	ng/ul	0.01
22) 2-Nitrophenol-d4	10.02	143	33675	24.45	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	61794	22.91	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	22352	8.39	ng/ul	0.02
44) Dimethylphthalate-d6	14.16	166	179650	23.79	ng/ul	0.02
47) Acenaphthylene-d8	14.45	160	224551	24.33	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	27191	21.19	ng/ul	0.02
58) Fluorene-d10	15.74	176	160191	23.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	25516	18.98	ng/ul	0.01
71) Anthracene-d10	17.60	188	240144	25.54	ng/ul	0.01
79) Pyrene-d10	19.88	212	275449	24.01	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.87	264	279399	24.50	ng/ul	0.03

Target Compounds

					Ovalue	
4) Benzaldehyde	7.26	77	6759	3.411	ng/ul	95
6) Phenol	7.36	94	4889	1.405	ng/ul	91
14) Acetophenone	8.95	105	5193	1.206	ng/ul	97
45) Dimethylphthalate	14.20	163	101791	13.040	ng/ul#	97
72) Anthracene	17.63	178	12193	1.097	ng/ul#	85
76) Di-n-butylphthalate	18.44	149	13989	1.234	ng/ul#	91
77) Fluoranthene	19.54	202	60098	4.473	ng/ul	98
80) Pyrene	19.91	202	87810	6.152	ng/ul	96
83) Benzo(a)anthracene	21.76	228	43345	3.020	ng/ul#	85
85) Chrysene	21.83	228	69205	5.045	ng/ul	94
88) Benzo(b)fluoranthene	24.04	252	134087	9.550	ng/ul#	88
89) Benzo(k)fluoranthene	24.10	252	50702m	3.687	ng/ul	
91) Benzo(a)pyrene	24.94	252	60124	4.867	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	28.88	276	58821m	3.722	ng/ul	
93) Dibenzo(a,h)anthracene	28.92	278	18140m	1.373	ng/ul	
94) Benzo(g,h,i)perylene	30.06	276	38325m	2.916	ng/ul	

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

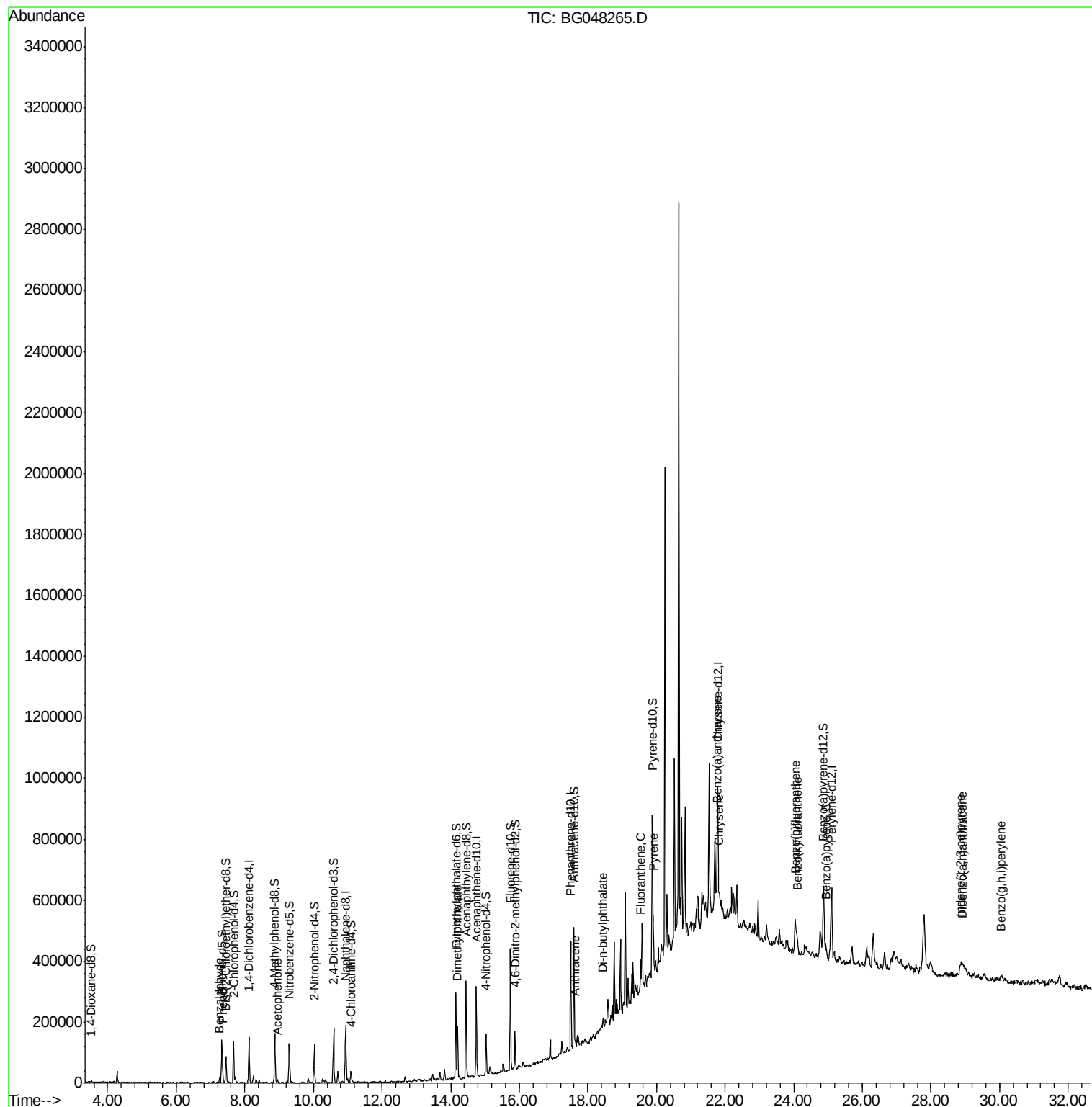
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048265.D
Acq On : 22 Feb 2021 12:34
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ALS Vial : 5 Sample Multiplier: 1

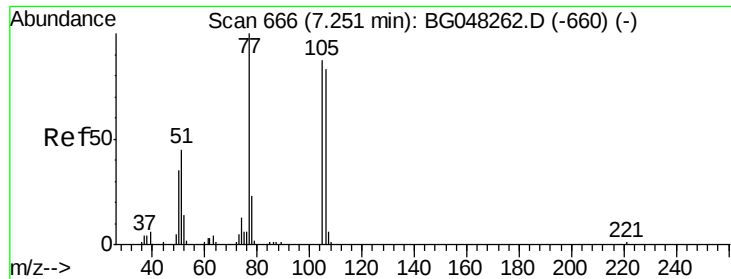
Instrument :
BNA_G
ClientSampled :
DBGY3

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 11:08:29 2021
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.411 ng/ul

RT: 7.26 min Scan# 668

Delta R.T. 0.01 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Instrument :

BNA_G

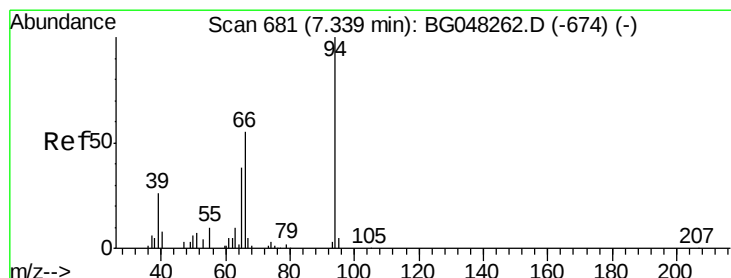
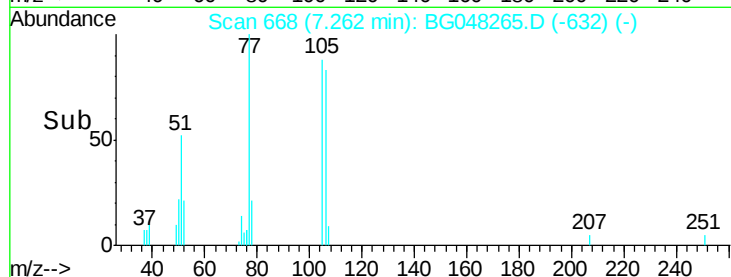
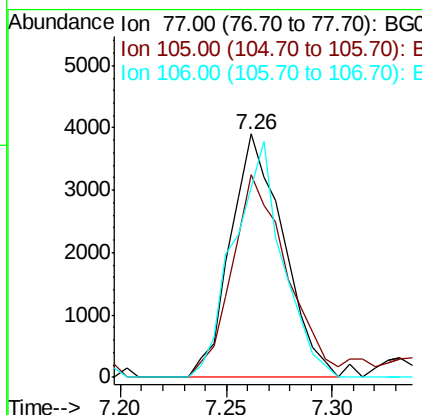
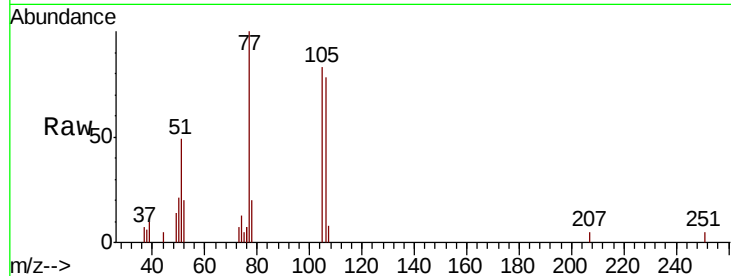
ClientSampled :

DBGY3

Tot Ion:	77	Resp:	6759
Ion	Ratio	Lower	Upper
77	100		
105	83.2	70.4	105.6
106	77.8	66.1	99.1

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#6

Phenol

Concen: 1.405 ng/ul

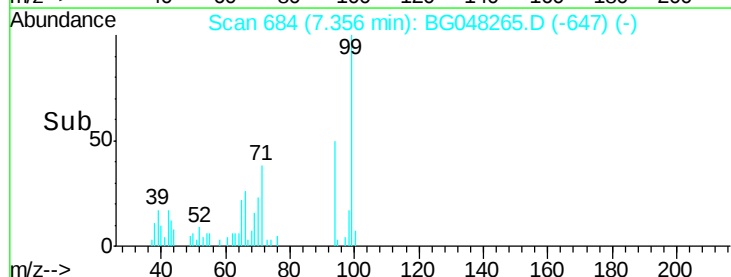
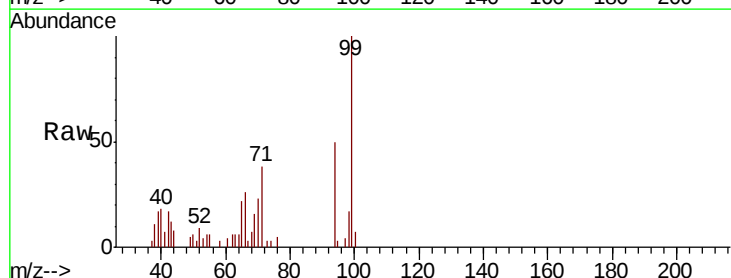
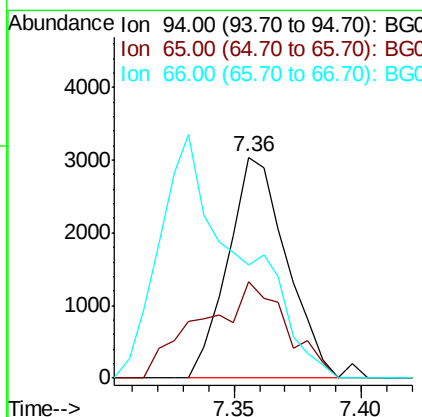
RT: 7.36 min Scan# 684

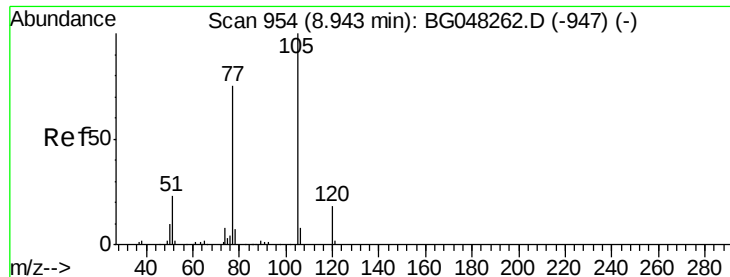
Delta R.T. 0.02 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Tgt Ion:	94	Resp:	4889
Ion	Ratio	Lower	Upper
94	100		
65	43.4	31.0	46.6
66	51.1	46.8	70.2





#14

Acetophenone

Concen: 1.206 ng/ul

RT: 8.95 min Scan# 956

Delta R.T. 0.01 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Instrument :

BNA_G

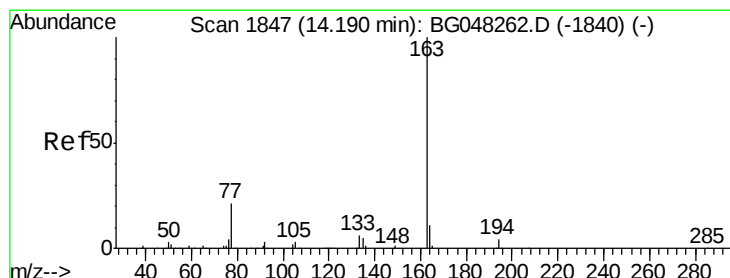
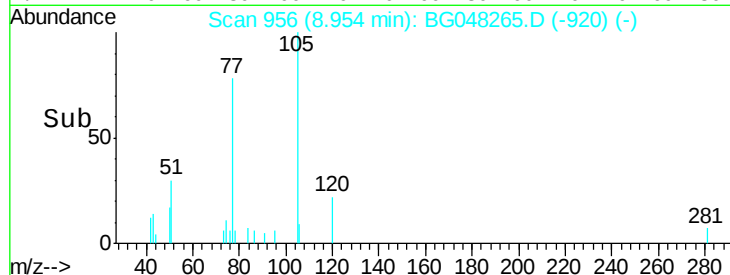
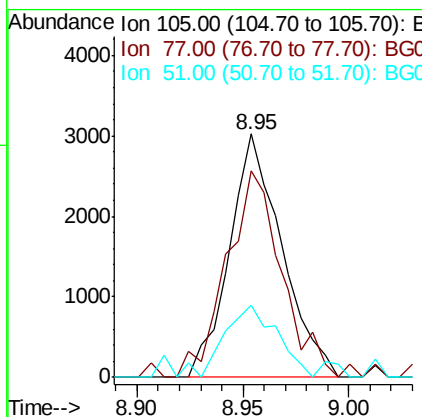
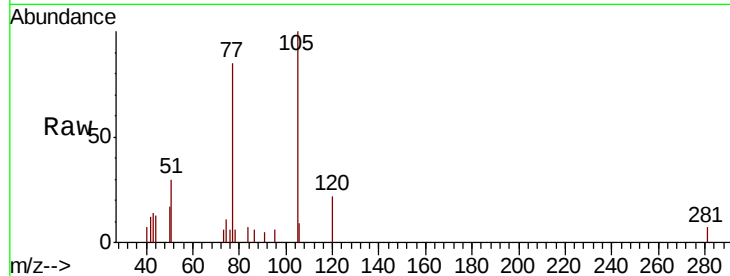
ClientSampleId :

DBGY3

Tot Ion:	105	Resp:	5193
Ion Ratio	Lower	Upper	
105	100		
77	84.8	70.9	106.3
51	29.7	23.4	35.0

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#45

Dimethylphthalate

Concen: 13.040 ng/ul

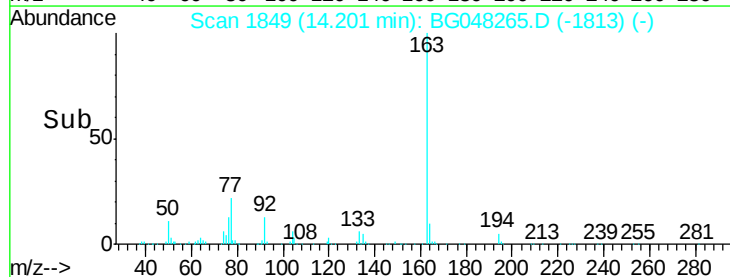
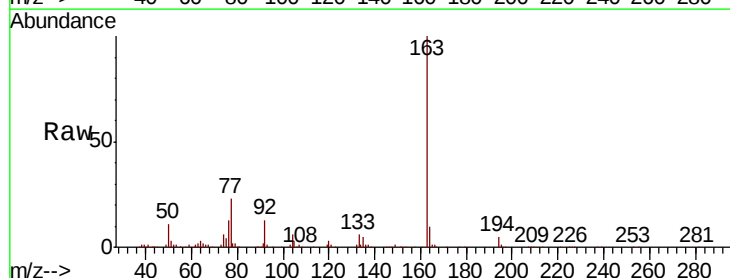
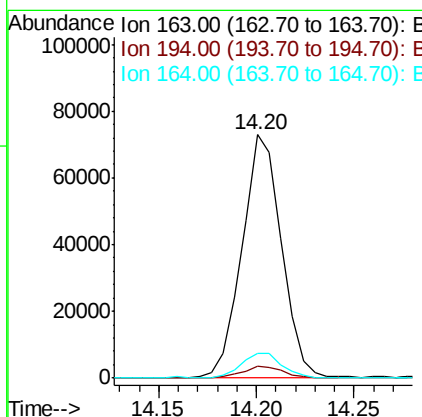
RT: 14.20 min Scan# 1849

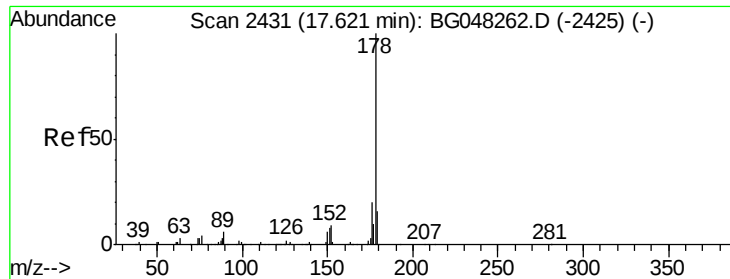
Delta R.T. 0.01 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Tgt Ion:	163	Resp:	101791
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.0	4.4#
164	10.0	8.9	13.3





#72

Anthracene

Concen: 1.097 ng/ul

RT: 17.63 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Instrument :

BNA_G

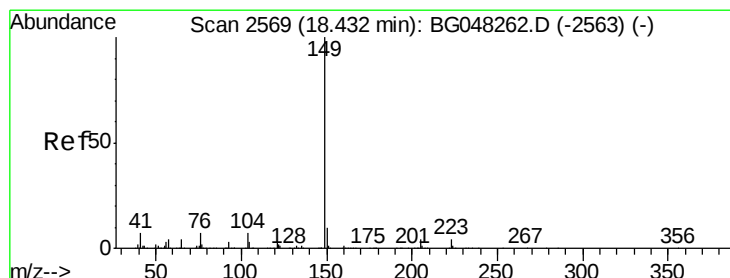
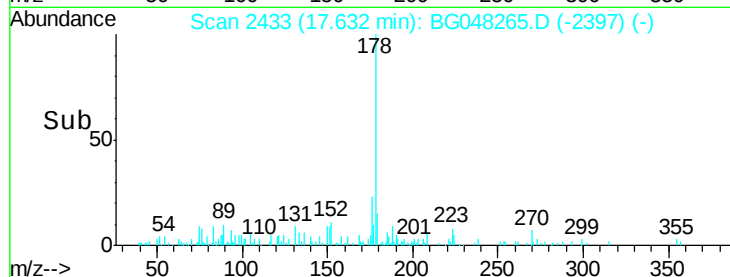
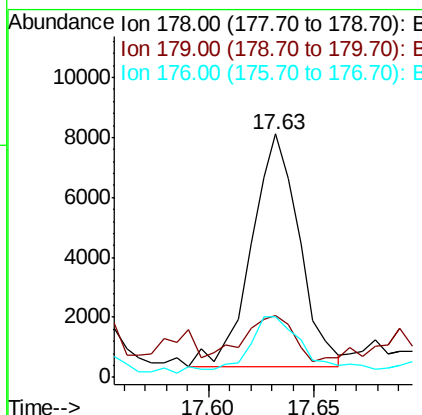
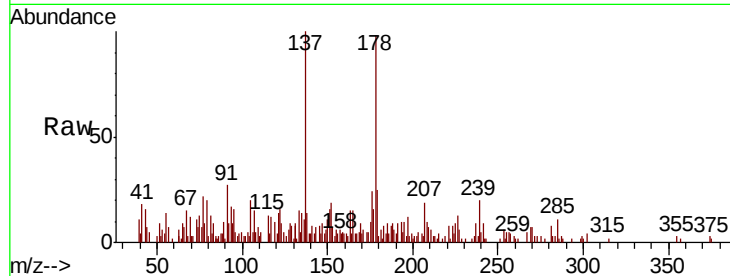
ClientSampleId :

DBGY3

Tot Ion:	178	Resp:	12193
Ion Ratio	Lower	Upper	
178	100		
179	25.5	12.6	18.8#
176	24.9	16.5	24.7#

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#76

Di-n-butylphthalate

Concen: 1.234 ng/ul

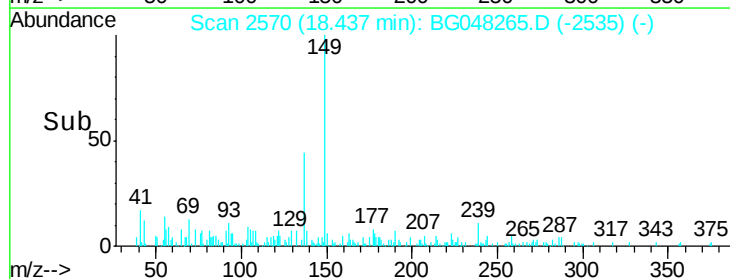
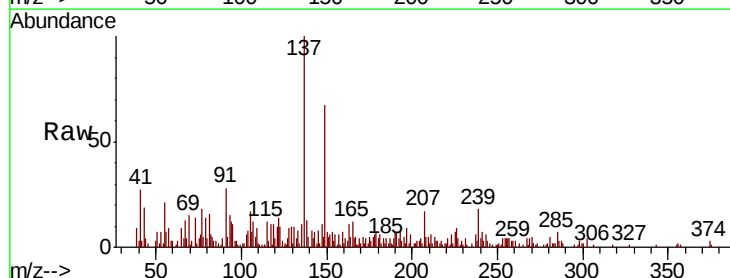
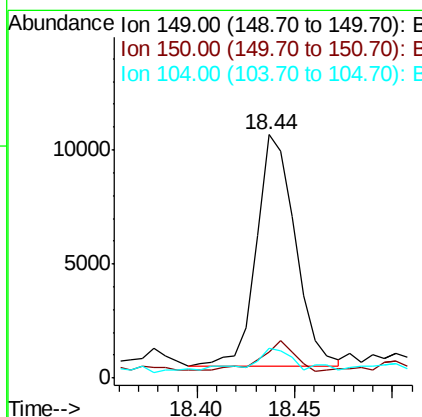
RT: 18.44 min Scan# 2570

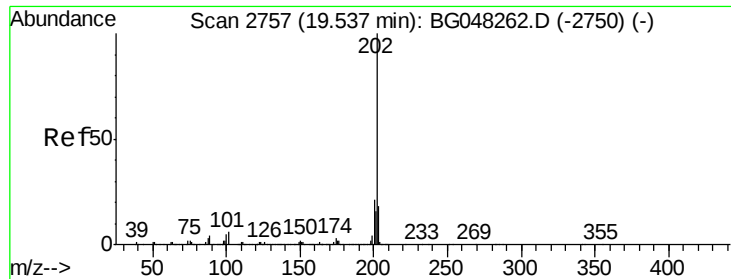
Delta R.T. 0.00 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Tgt Ion:	149	Resp:	13989
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.7	11.5
104	12.3	5.3	7.9#





#77

Fluoranthene

Concen: 4.473 ng/ul

RT: 19.54 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Instrument :

BNA_G

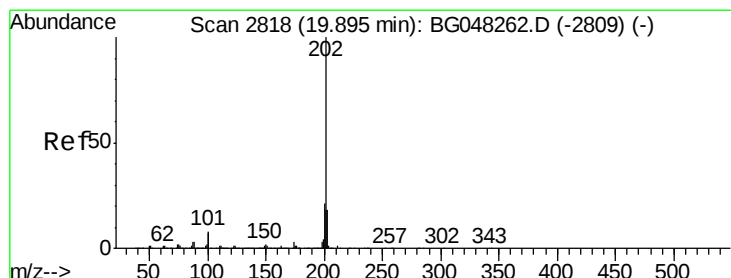
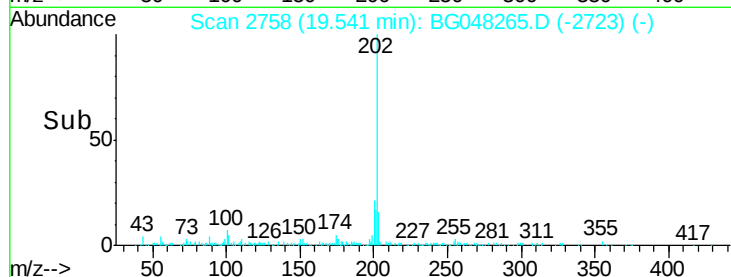
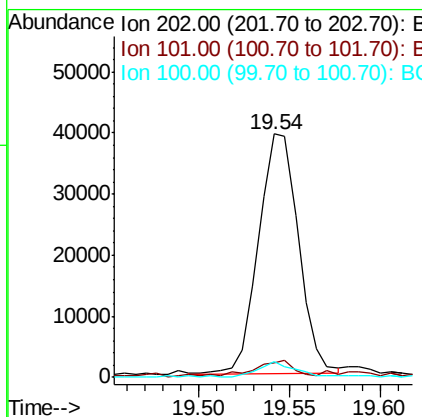
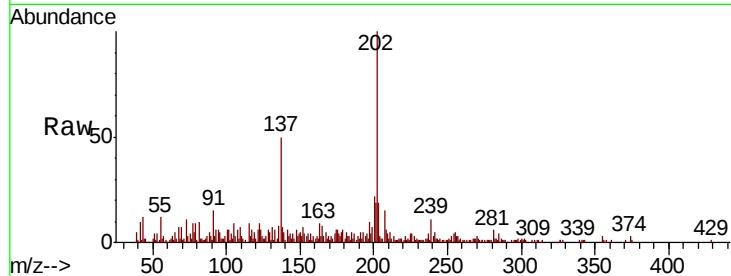
ClientSampled :

DBGY3

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.1	4.8	7.2
100	6.4	4.3	6.5

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#80

Pyrene

Concen: 6.152 ng/ul

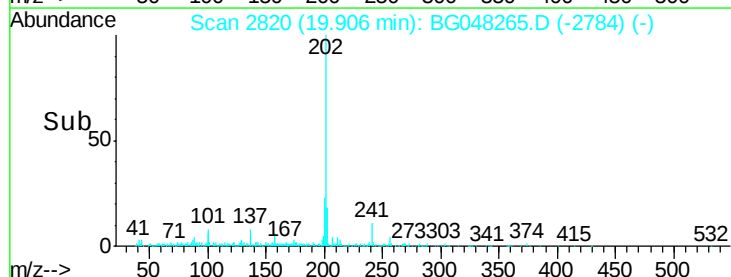
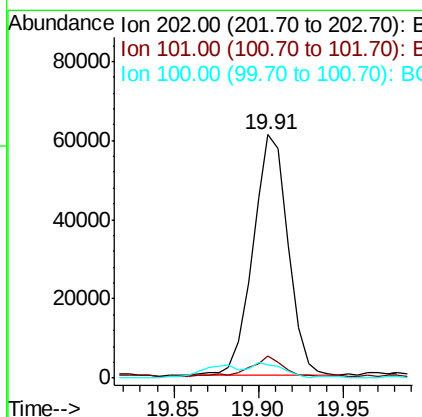
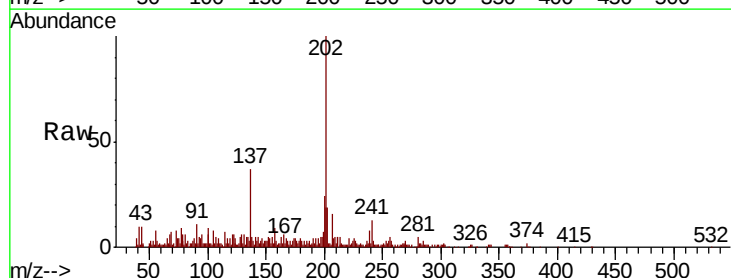
RT: 19.91 min Scan# 2820

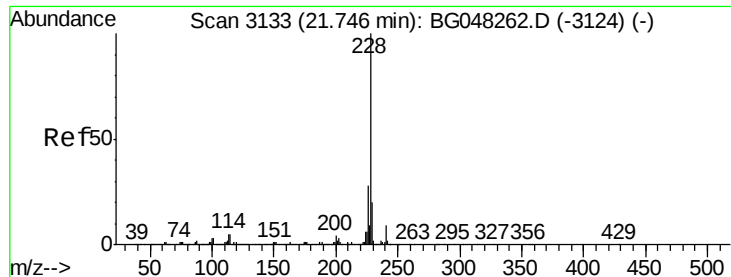
Delta R.T. 0.01 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.1	9.1
100	5.6	5.4	8.2





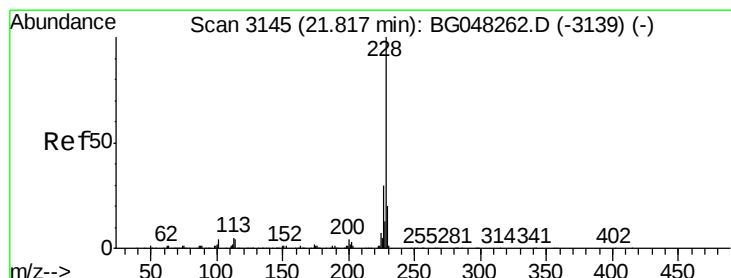
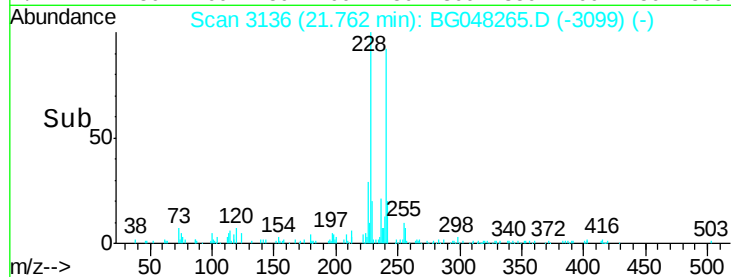
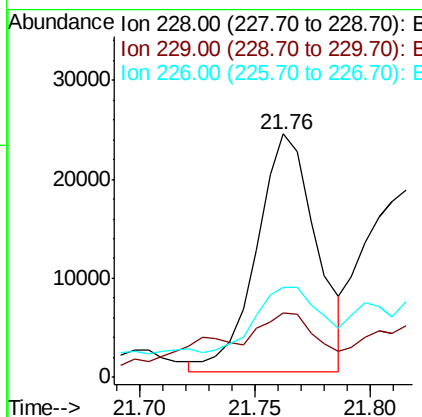
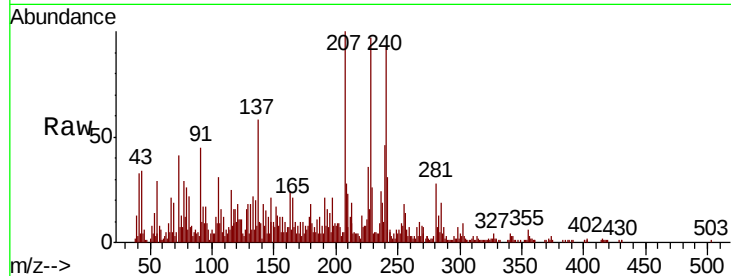
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Benzo(a)anthracene
Concen: 3.020 ng/ul
RT: 21.76 min Scan# 3136
Delta R.T. 0.02 min
Lab File: BG048265.D
Acq: 22 Feb 2021 12:34

Instrument :
BNA_G
ClientSampleId :
DBGY3

Tot Ion	Ratio	Lower	Upper
228	100		
229	26.6	16.2	24.4#
226	36.7	22.8	34.2#

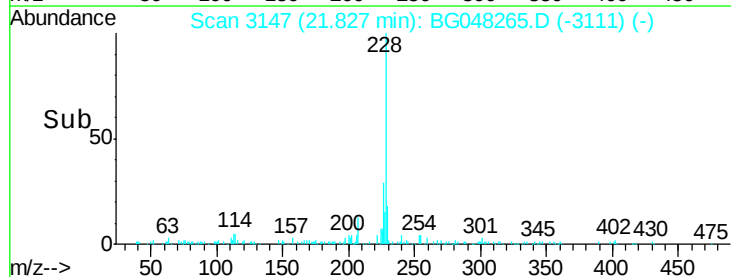
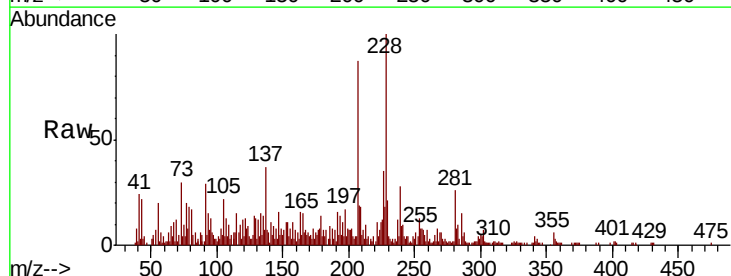
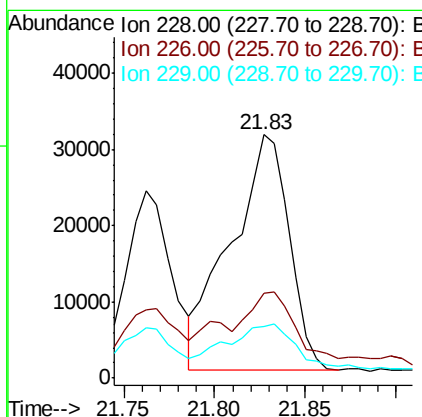
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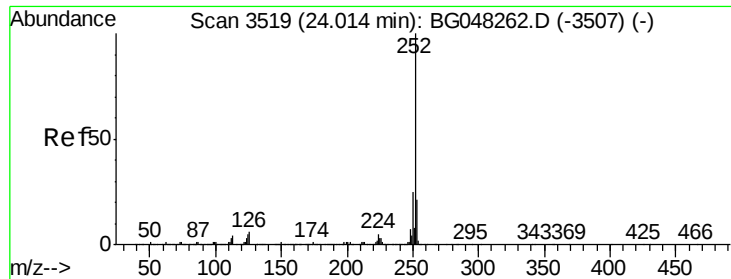
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#85
Chrysene
Concen: 5.045 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG048265.D
Acq: 22 Feb 2021 12:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.0	36.0
229	21.1	15.8	23.6





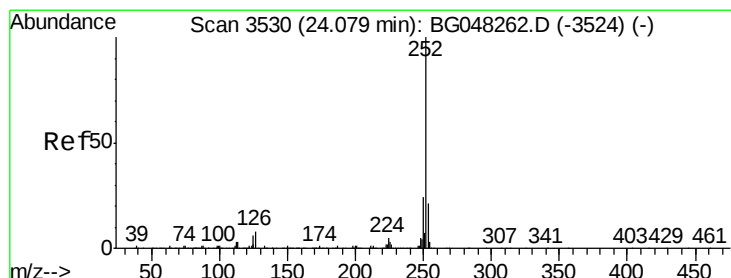
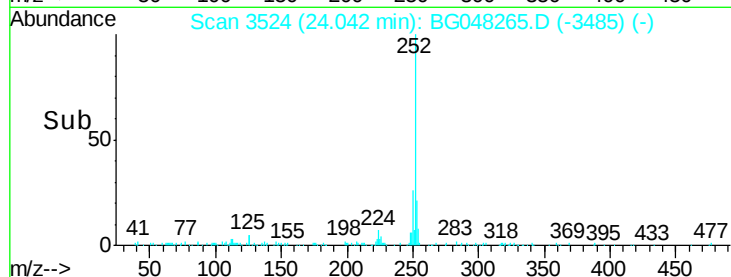
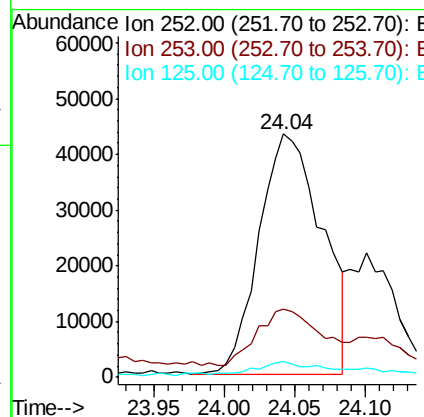
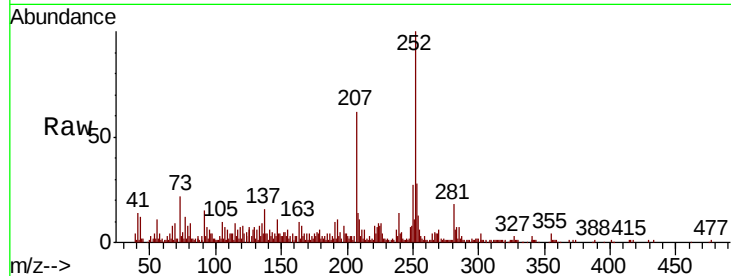
#88
Benzo(b)fluoranthene
Concen: 9.550 ng/ul
RT: 24.04 min Scan# 3524
Delta R.T. 0.03 min
Lab File: BG048265.D
Acq: 22 Feb 2021 12:34

Instrument :
BNA_G
ClientSampleId :
DBGY3

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.2	25.8#
125	6.5	4.2	6.2#

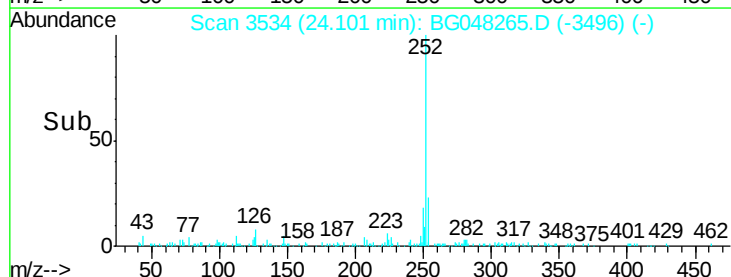
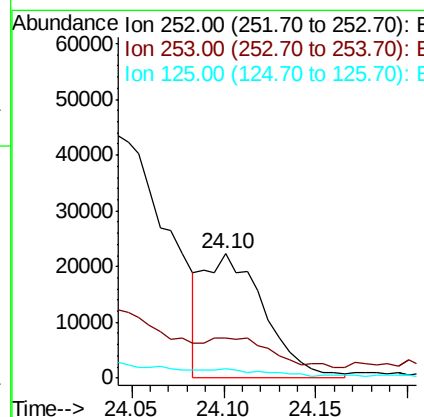
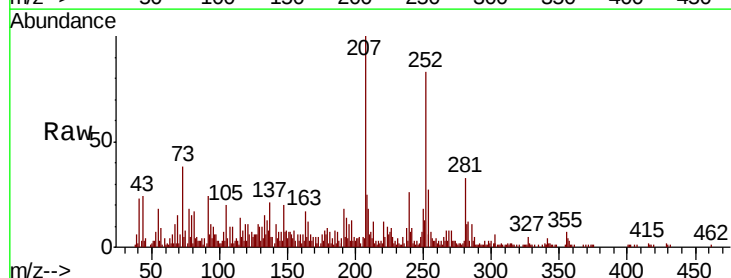
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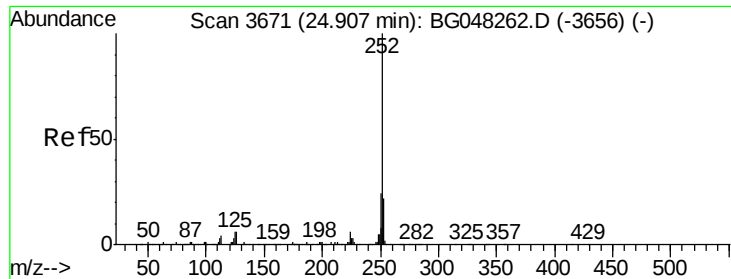
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#89
Benzo(k)fluoranthene
Concen: 3.687 ng/ul m
RT: 24.10 min Scan# 3534
Delta R.T. 0.02 min
Lab File: BG048265.D
Acq: 22 Feb 2021 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	17.4	26.2#
125	7.0	4.4	6.6#





#91

Benzo(a)pyrene

Concen: 4.867 ng/ul

RT: 24.94 min Scan# 3677

Delta R.T. 0.03 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Instrument :

BNA_G

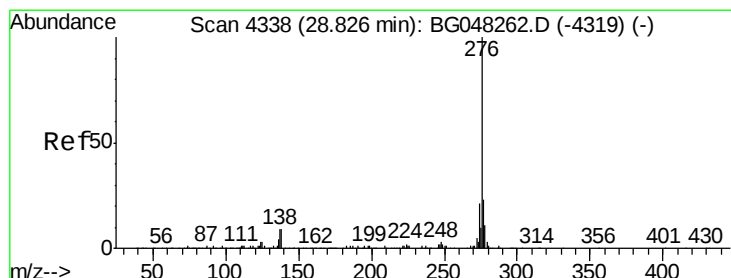
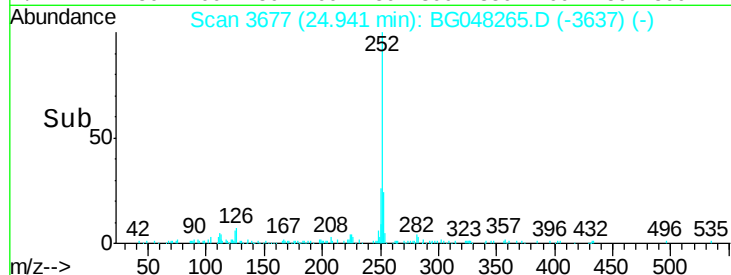
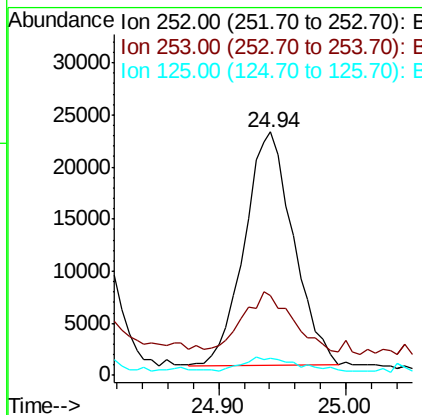
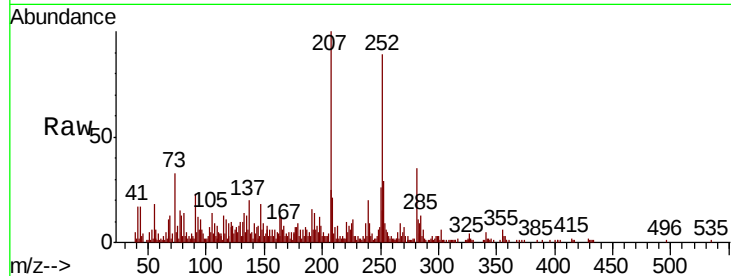
ClientSampleId :

DBGY3

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.8	17.8	26.6#
125	7.1	5.3	7.9

Manual Integrations
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mohammad
2/23/2021 3:42:37 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.722 ng/ul m

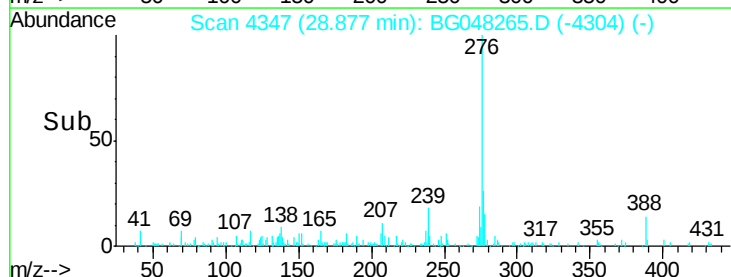
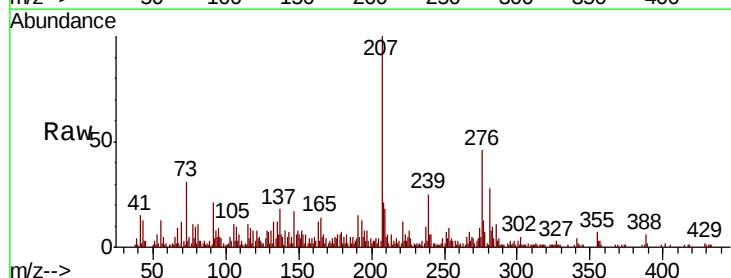
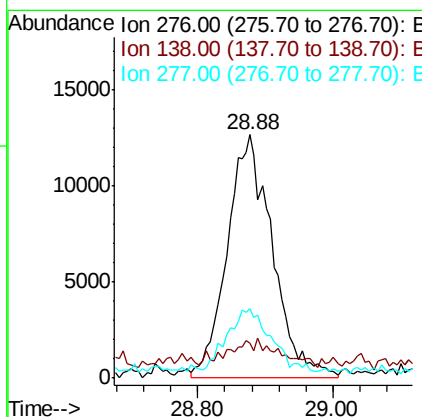
RT: 28.88 min Scan# 4347

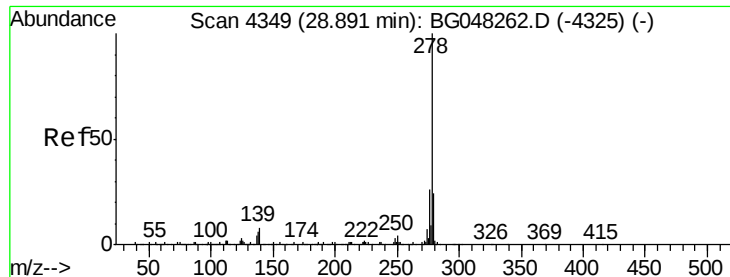
Delta R.T. 0.05 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	7.5	11.3#
277	28.4	18.1	27.1#





#93

Dibenzo(a,h)anthracene

Concen: 1.373 ng/ul m

RT: 28.92 min Scan# 4355

Delta R.T. 0.03 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Instrument :

BNA_G

ClientSampleId :

DBGY3

Tot Ion:278 Resp: 18140

Ion Ratio Lower Upper

278 100

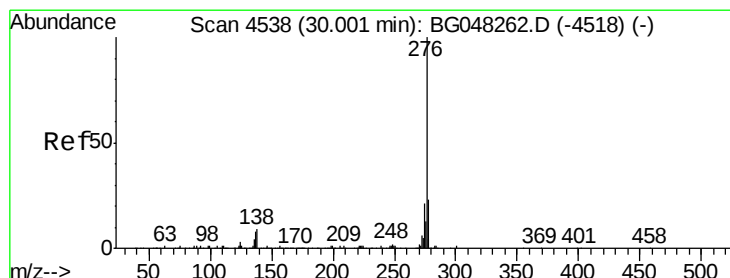
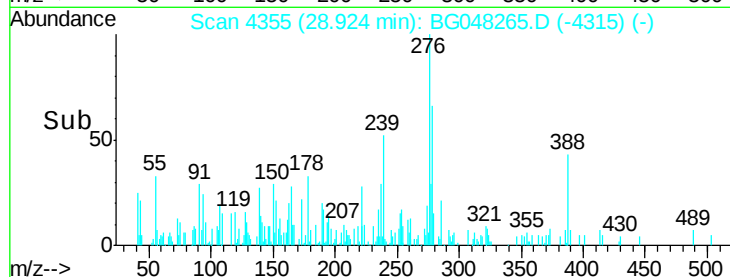
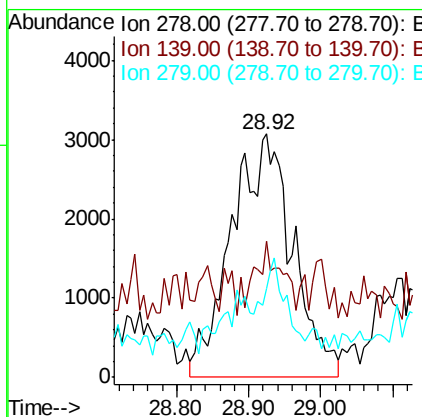
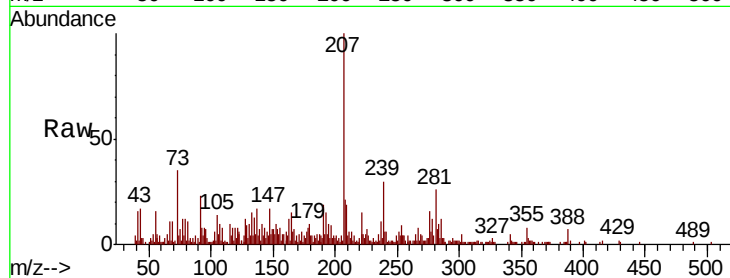
139 55.7 6.6 9.8#

279 36.4 19.0 28.6#

Manual Integrations
APPROVED

mohammad

2/23/2021 3:42:37 PM



#94

Benzo(g,h,i)perylene

Concen: 2.916 ng/ul m

RT: 30.06 min Scan# 4548

Delta R.T. 0.06 min

Lab File: BG048265.D

Acq: 22 Feb 2021 12:34

Tgt Ion:276 Resp: 38325

Ion Ratio Lower Upper

276 100

138 12.8 7.2 10.8#

277 25.4 18.5 27.7

