

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
 Data File : BG041910.D
 Acq On : 3 Aug 2019 15:16
 Operator : HP/JU
 Sample : K3850-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENS2

Manual Integrations
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 8/6/2019 12:18:01 PM

Quant Time: Aug 04 02:17:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 04 00:02:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	91072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	383263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	265465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	537837	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	545550	20.00	ng/ul	0.01
85) Perylene-d12	25.01	264	623582	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	3550	1.71	ng/uL	0.00
5) Phenol-d5	7.19	99	102592	14.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	59033	14.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	95802	15.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	74023	12.34	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	45559	15.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	54424	16.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	104298	15.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	49015	6.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	324782	15.77	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	382606	16.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	23526	6.81	ng/ul	0.00
57) Fluorene-d10	15.69	176	288933	15.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	9222	2.67	ng/ul	0.01
70) Anthracene-d10	17.54	188	419597	16.26	ng/ul	0.00
78) Pyrene-d10	19.84	212	484909	15.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	536146	16.46	ng/ul	0.03

Target Compounds

					Ovalue
14) Acetophenone	8.86	105	10059	1.090 ng/ul	98
30) 4-Chloroaniline	11.02	127	10902m	1.446 ng/ul	
44) Dimethylphthalate	14.14	163	120741	5.906 ng/ul	99
69) Phenanthrene	17.49	178	179885	6.109 ng/ul	100
71) Anthracene	17.58	178	30768	1.030 ng/ul	97
76) Fluoranthene	19.50	202	448223	13.175 ng/ul	97
79) Pyrene	19.86	202	371284	10.118 ng/ul	96
82) Benzo(a)anthracene	21.71	228	246904	6.527 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	34564	1.754 ng/ul#	97
84) Chrysene	21.78	228	261520	7.408 ng/ul	96
87) Benzo(b)fluoranthene	23.98	252	394505	10.081 ng/ul	97
88) Benzo(k)fluoranthene	24.04	252	134613m	3.578 ng/ul	
90) Benzo(a)pyrene	24.86	252	242740	6.509 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	158280	3.639 ng/ul	95
92) Dibenzo(a,h)anthracene	28.81	278	40581m	1.144 ng/ul	
93) Benzo(g,h,i)perylene	29.92	276	134493	3.704 ng/ul	98

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

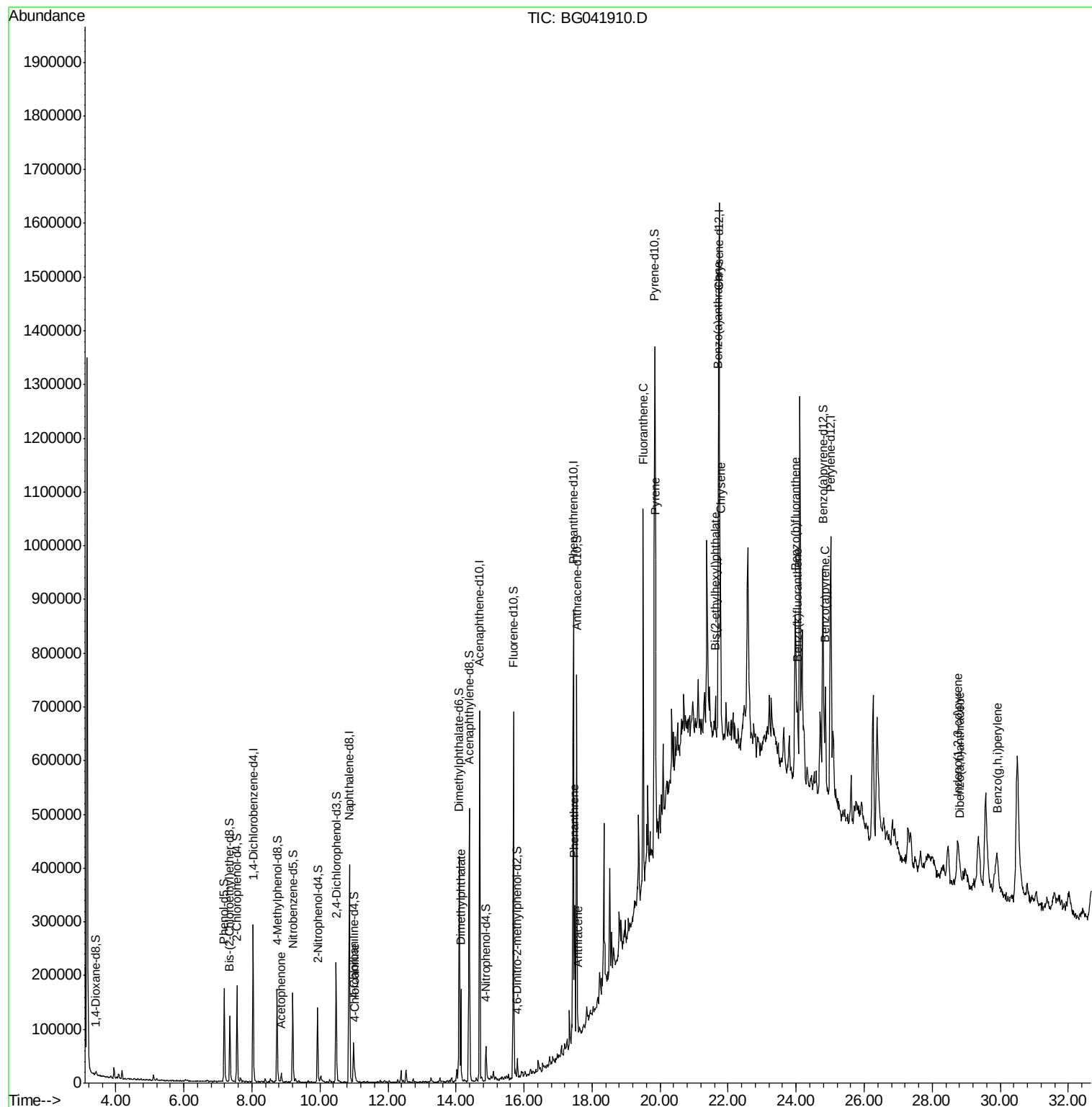
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041910.D
Acq On : 3 Aug 2019 15:16
Operator : HP/JU
Sample : K3850-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

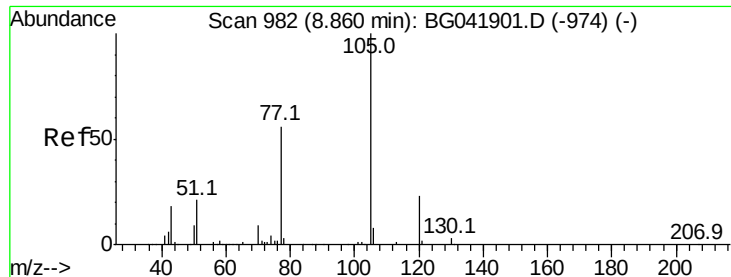
Instrument :
BNA_G
ClientSampled :
BENS2

Quant Time: Aug 04 02:17:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

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#14

Acetophenone

Concen: 1.090 ng/ul

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

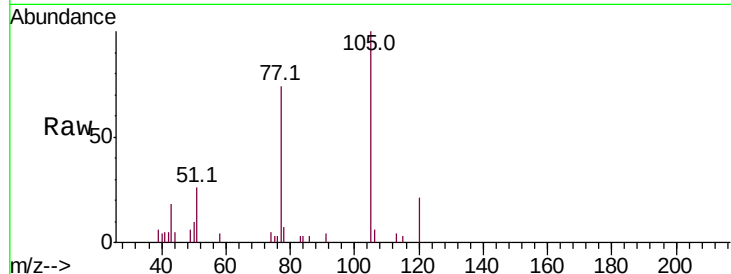
ClientSampleId :

BENS2

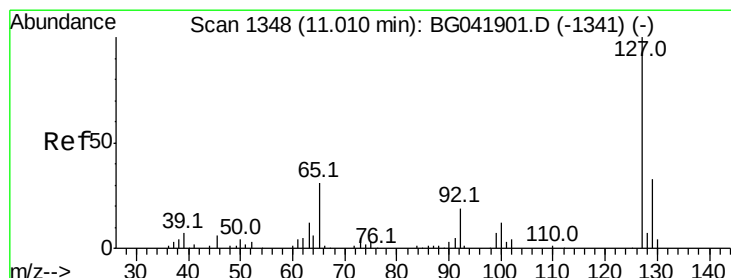
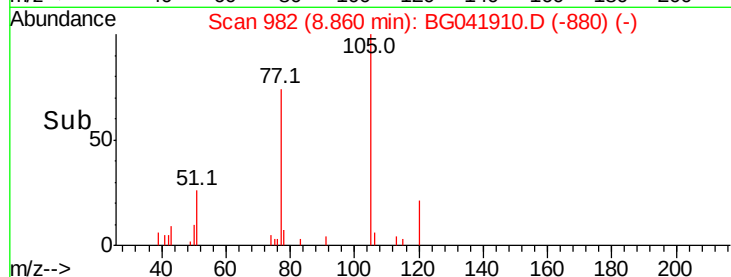
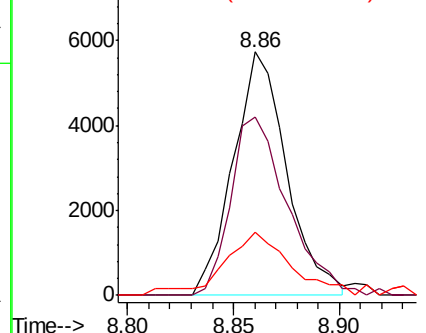
Tot Ion:	105	Resp:	10059
Ion Ratio	Lower	Upper	
105	100		
77	73.5	60.0	90.0
51	26.0	22.1	33.1

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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 51.00 (50.70 to 51.70): BG



#30

4-Chloroaniline

Concen: 1.446 ng/ul m

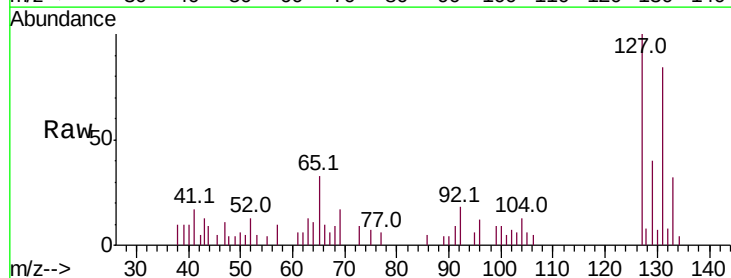
RT: 11.02 min Scan# 1350

Delta R.T. 0.01 min

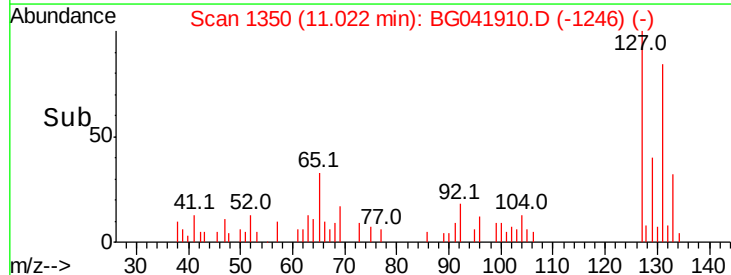
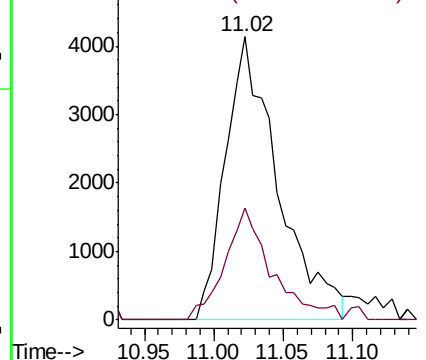
Lab File: BG041910.D

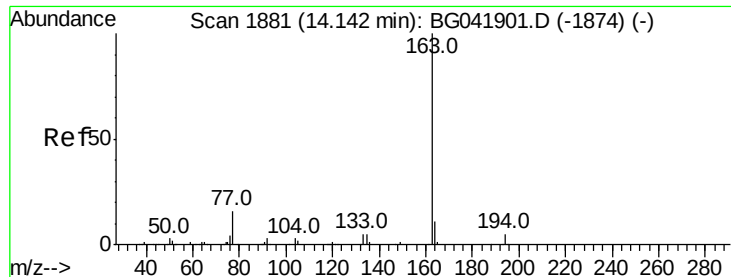
Acq: 3 Aug 2019 15:16

Tgt Ion:	127	Resp:	10902
Ion Ratio	Lower	Upper	
127	100		
129	39.7	26.5	39.7



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E





#44

Dimethylphthalate

Concen: 5.906 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

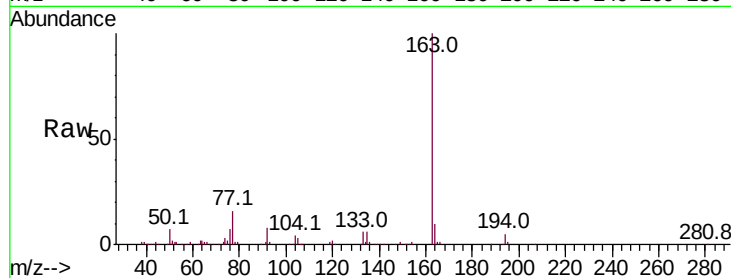
ClientSampleId :

BENS2

Tot Ion:	163	Resp:	120741
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	10.4	7.8	11.8

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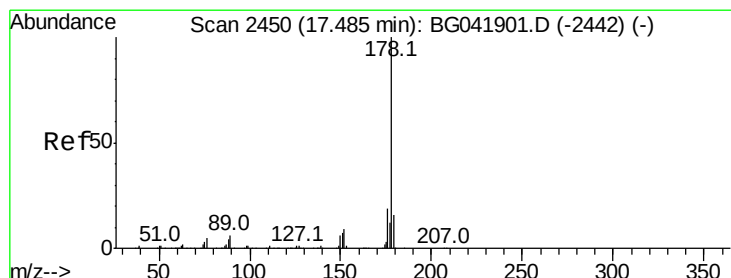
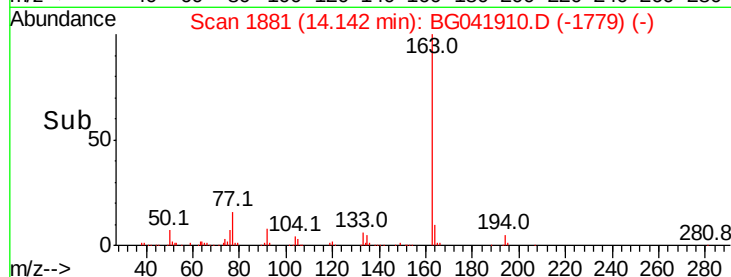
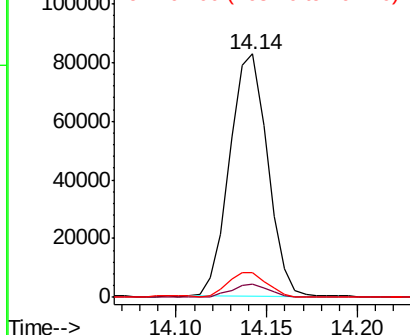


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 6.109 ng/ul

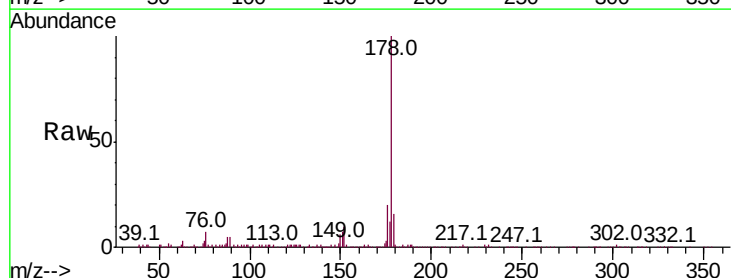
RT: 17.49 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Tgt Ion:	178	Resp:	179885
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.8	19.2
176	19.7	15.4	23.2

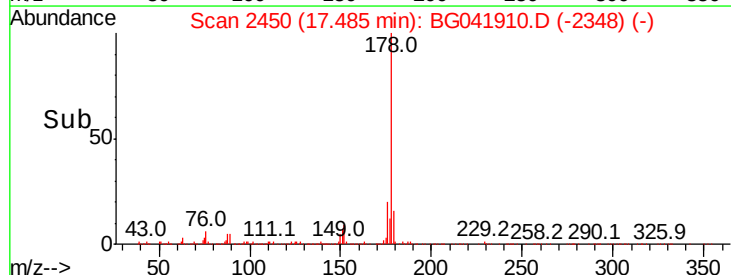
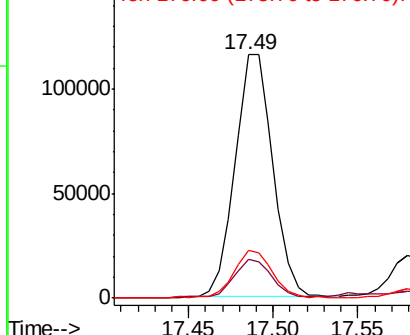


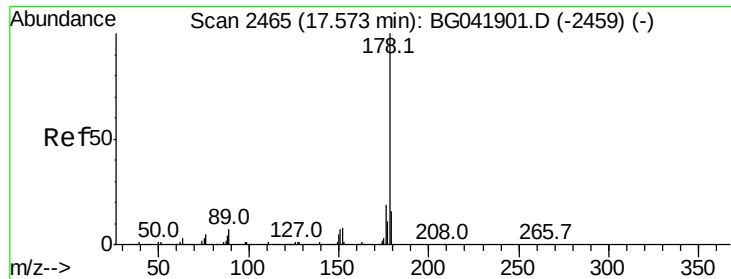
Abundance

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





#71

Anthracene

Concen: 1.030 ng/ul

RT: 17.58 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

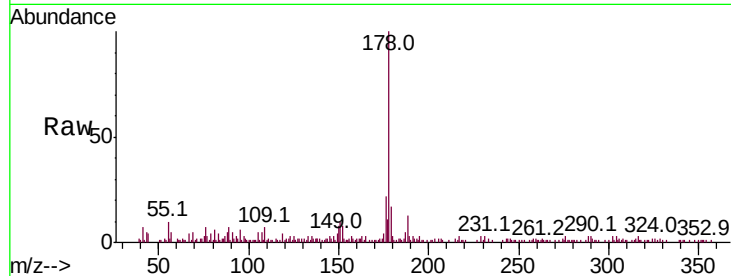
ClientSampleId :

BENS2

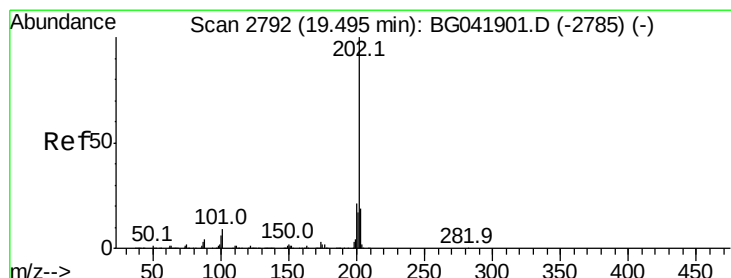
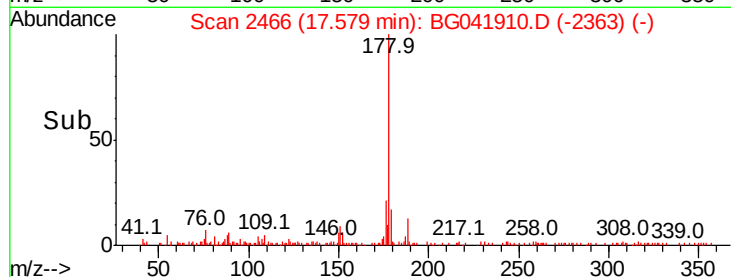
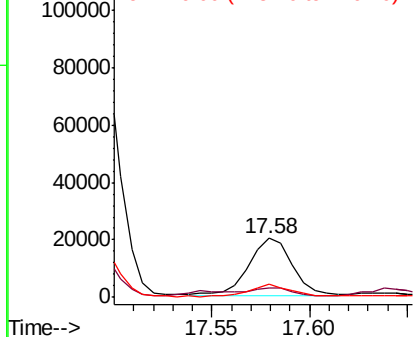
Tot Ion:	178	Resp:	30768
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.4	20.0
176	22.0	15.4	23.2

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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



#76

Fluoranthene

Concen: 13.175 ng/ul

RT: 19.50 min Scan# 2793

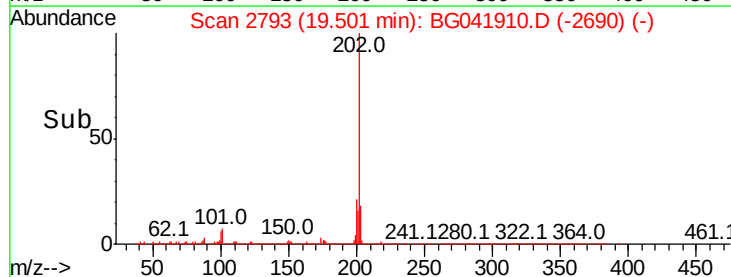
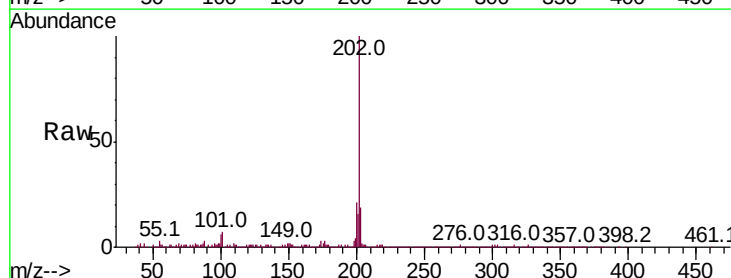
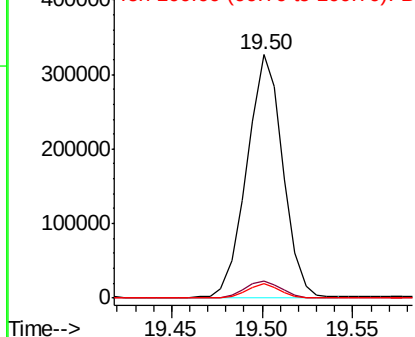
Delta R.T. 0.01 min

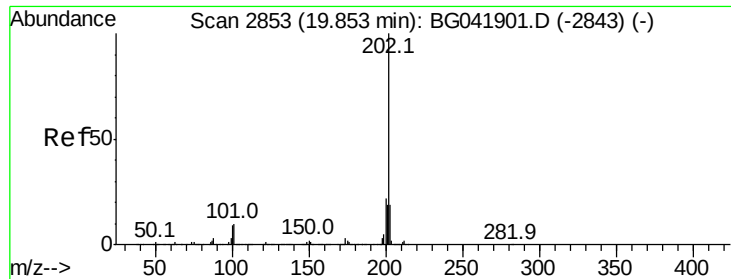
Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Tgt Ion:	202	Resp:	448223
Ion Ratio	Lower	Upper	
202	100		
101	7.0	6.7	10.1
100	5.7	5.3	7.9

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





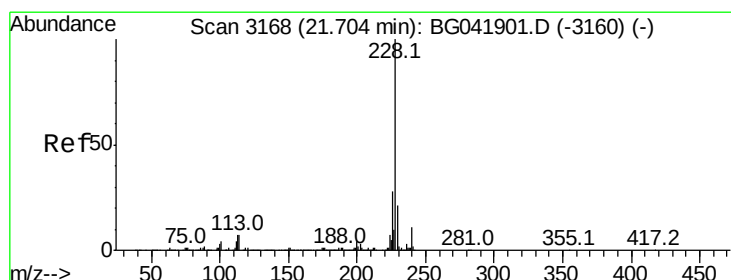
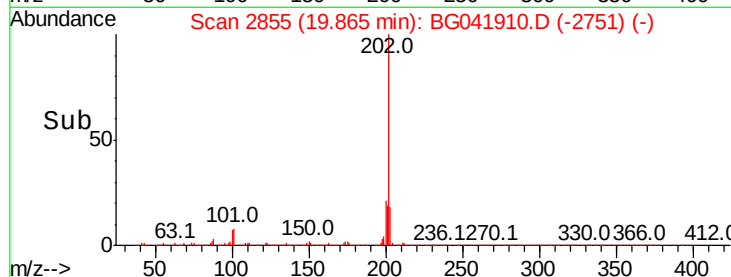
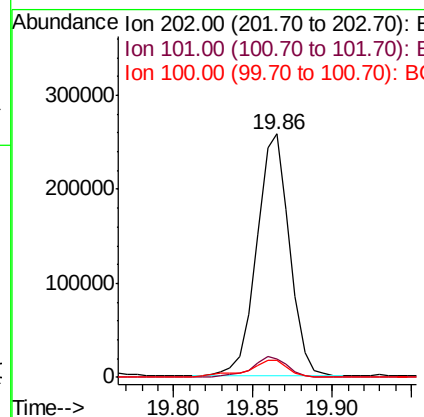
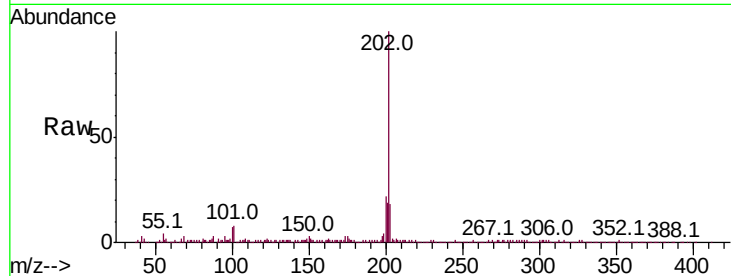
#79
 Pvrene
 Concen: 10.118 ng/ul
 RT: 19.86 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 BENS2

Tot Ion:	202	Resp:	371284
Ion Ratio	Lower	Upper	
202	100		
101	7.8	7.6	11.4
100	7.0	6.5	9.7

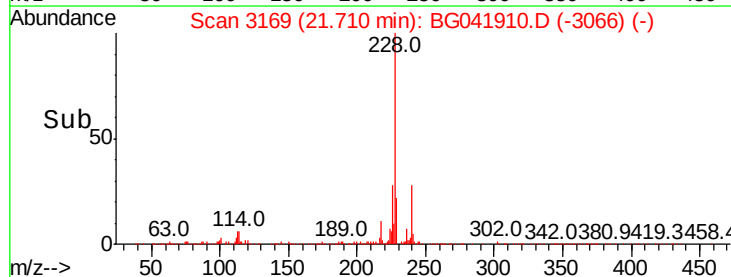
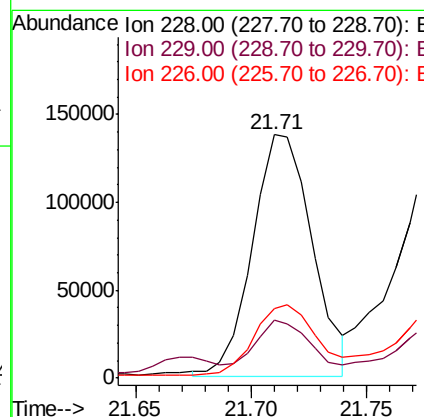
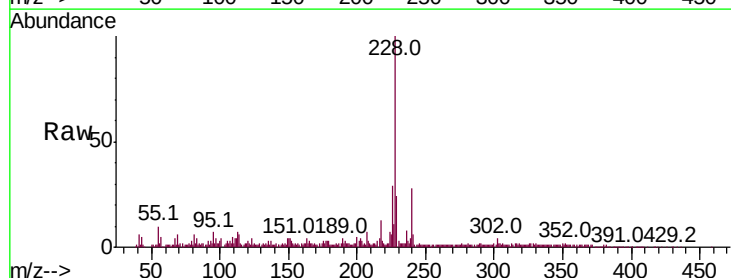
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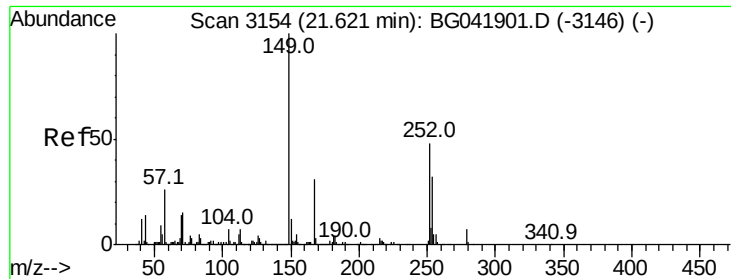
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#82
 Benzo(a)anthracene
 Concen: 6.527 ng/ul
 RT: 21.71 min Scan# 3169
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion:	228	Resp:	246904
Ion Ratio	Lower	Upper	
228	100		
229	23.7	17.0	25.6
226	28.6	23.3	34.9





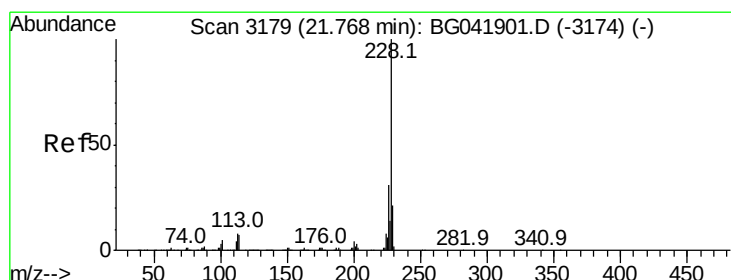
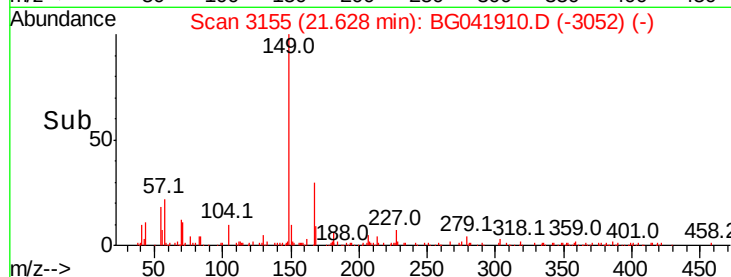
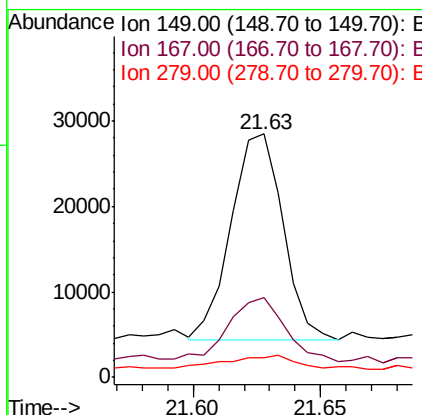
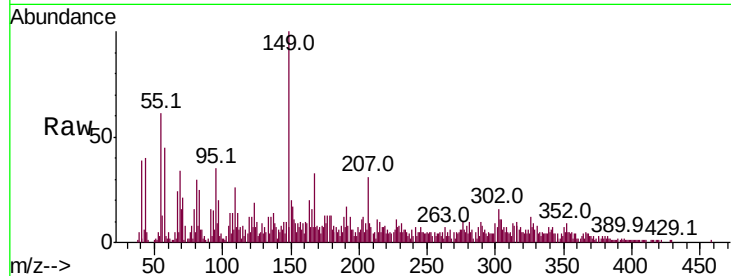
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.754 ng/ul
 RT: 21.63 min Scan# 3155
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Instrument :
 BNA_G
 ClientSampleId :
 BENS2

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.0	25.0	37.4
279	8.0	5.2	7.8

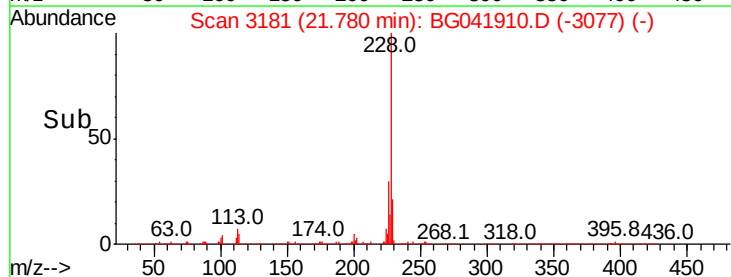
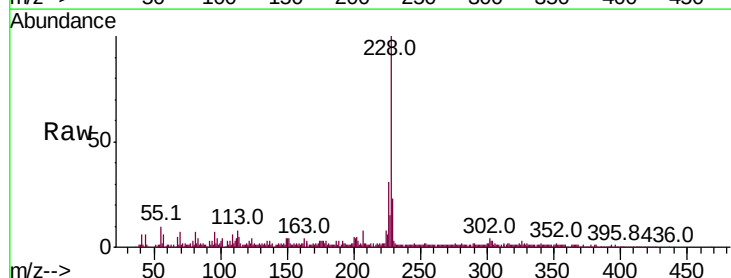
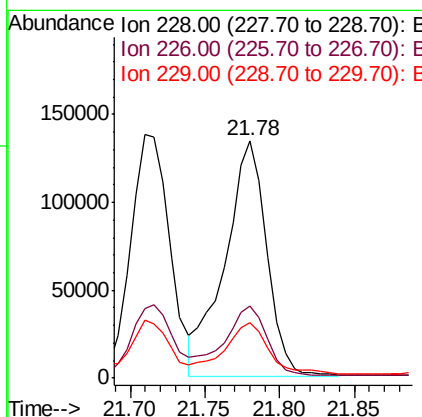
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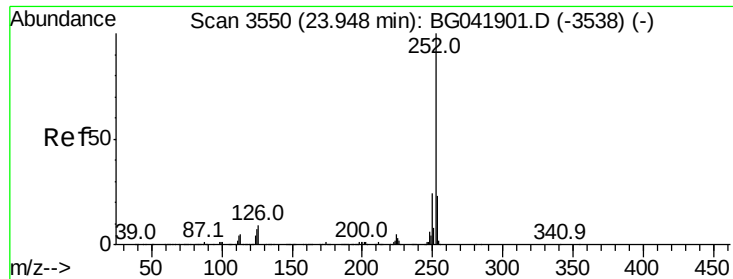
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#84
 Chrysene
 Concen: 7.408 ng/ul
 RT: 21.78 min Scan# 3181
 Delta R.T. 0.01 min
 Lab File: BG041910.D
 Acq: 3 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.7	38.5
229	23.1	16.6	24.8





#87

Benzo(b)fluoranthene

Concen: 10.081 ng/ul

RT: 23.98 min Scan# 3555

Delta R.T. 0.03 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

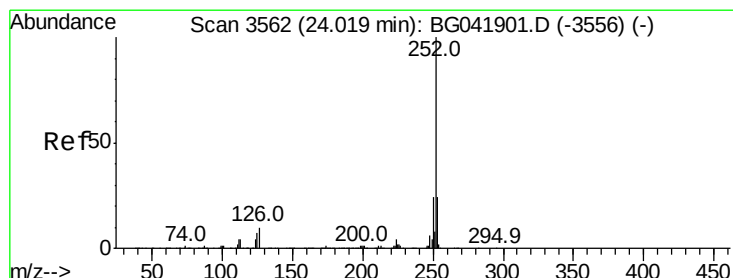
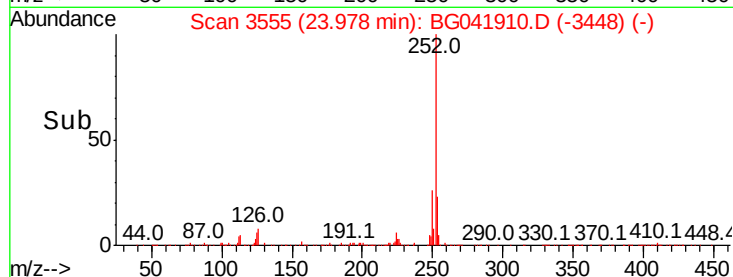
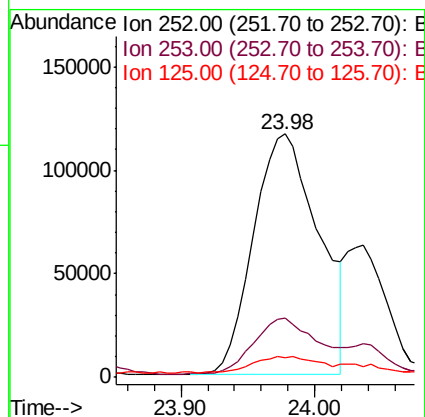
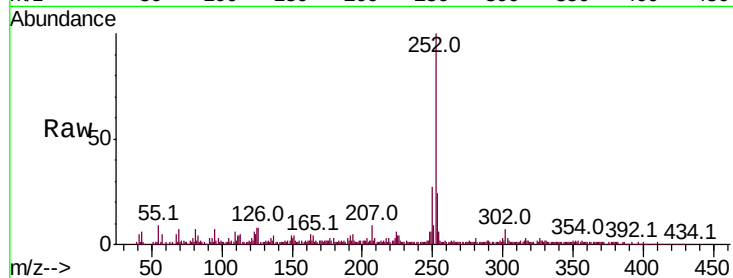
ClientSampleId :

BENS2

Tot Ion:	252	Resp:	394505
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.4	27.6
125	8.3	5.8	8.8

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#88

Benzo(k)fluoranthene

Concen: 3.578 ng/ul m

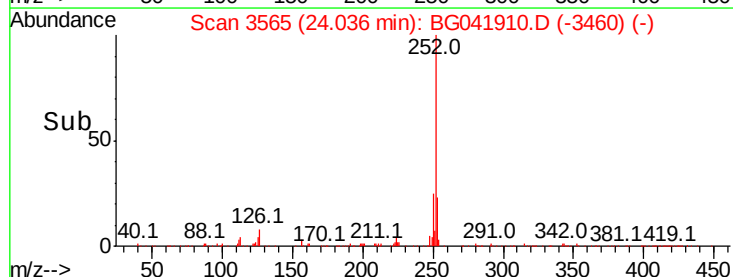
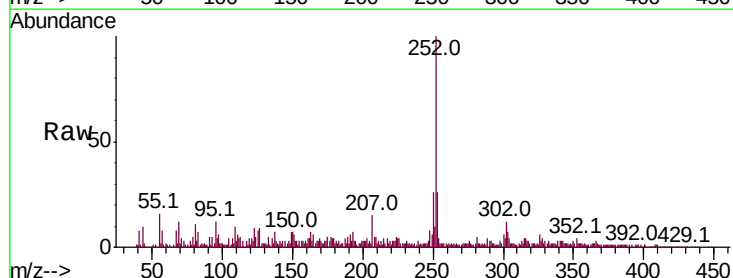
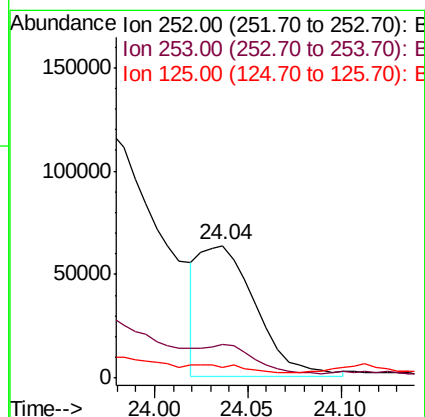
RT: 24.04 min Scan# 3565

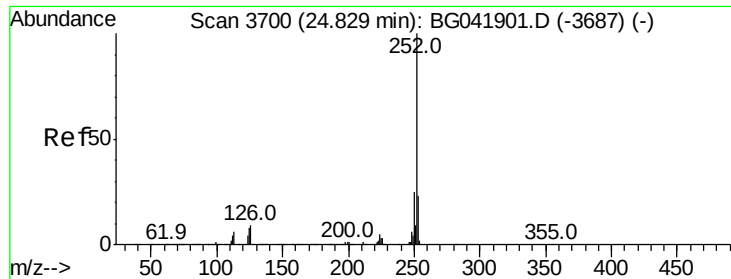
Delta R.T. 0.02 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Tgt Ion:	252	Resp:	134613
Ion Ratio	Lower	Upper	
252	100		
253	25.7	18.3	27.5
125	8.1	5.5	8.3





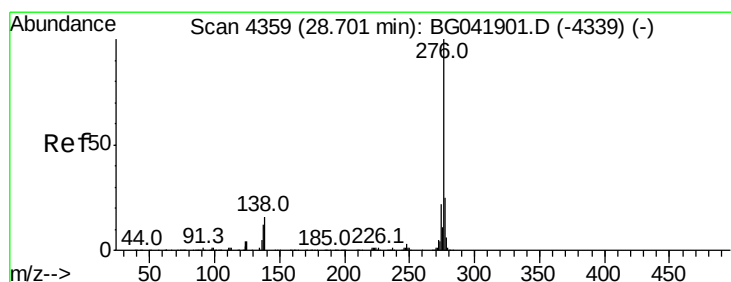
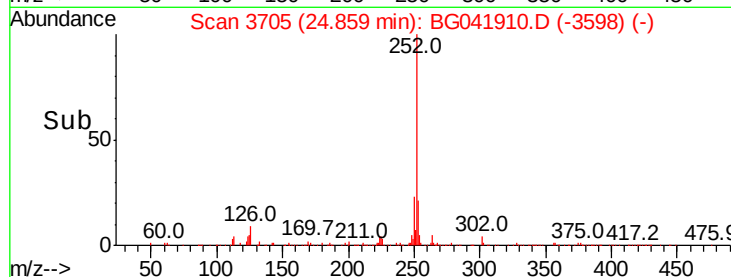
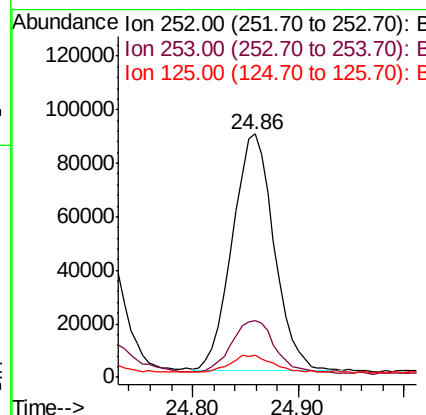
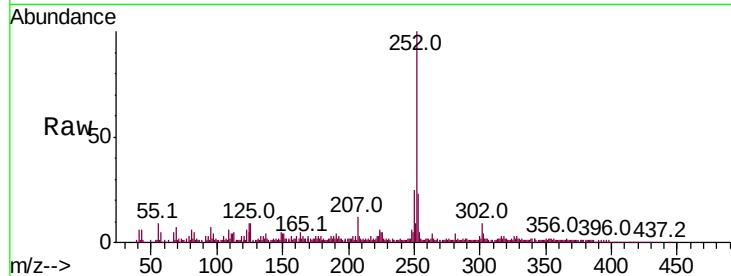
#90
Benzo(a)pyrene
Concen: 6.509 ng/ul
RT: 24.86 min Scan# 3705
Delta R.T. 0.03 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Instrument :
BNA_G
ClientSampleId :
BENS2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	8.9	6.5	9.7

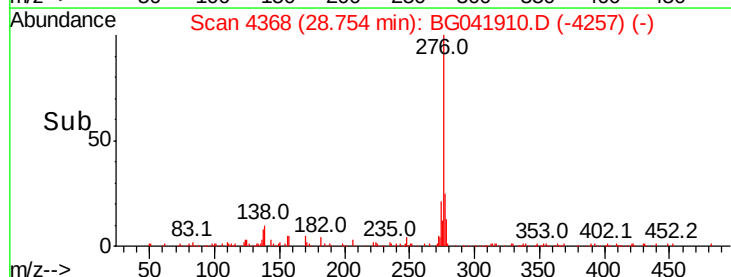
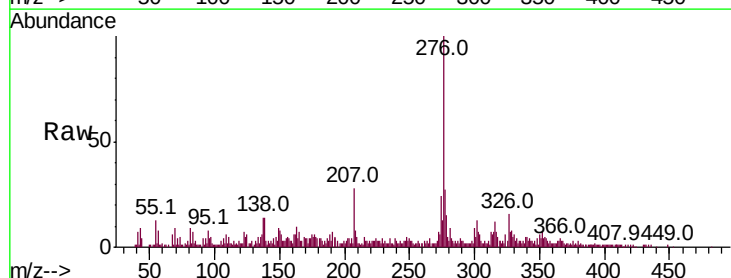
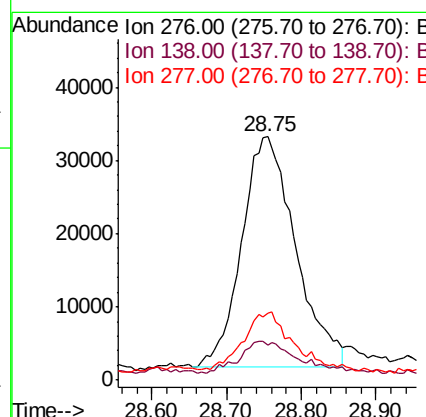
Manual Integrations
APPROVED

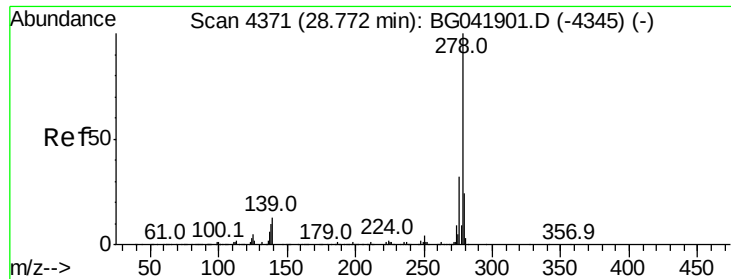
mohammad
8/6/2019 12:18:01 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 3.639 ng/ul
RT: 28.75 min Scan# 4368
Delta R.T. 0.05 min
Lab File: BG041910.D
Acq: 3 Aug 2019 15:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	12.0	18.0
277	27.3	19.2	28.8





#92

Dibenzo(a,h)anthracene

Concen: 1.144 ng/ul m

RT: 28.81 min Scan# 4378

Delta R.T. 0.04 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Instrument :

BNA_G

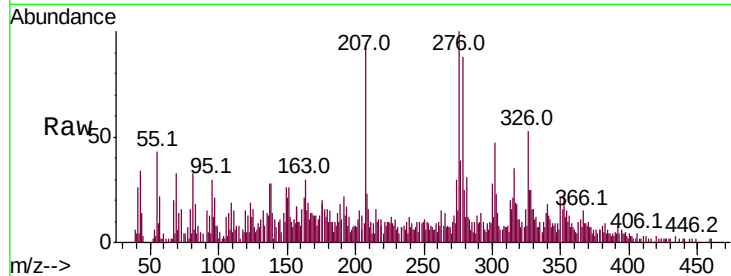
ClientSampled :

BENS2

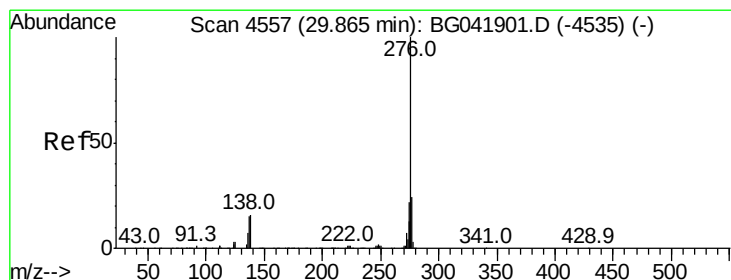
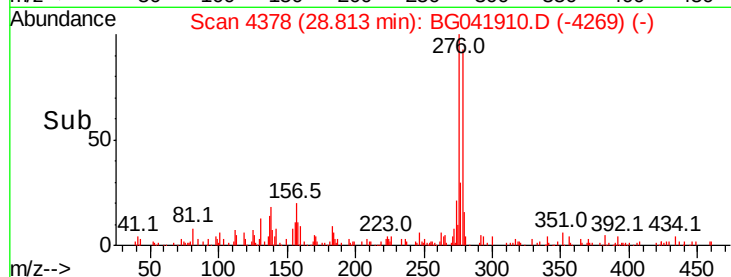
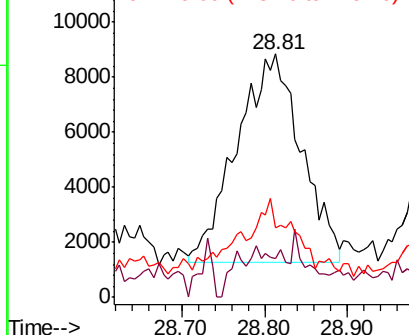
Tot Ion:278	Resp:	40581
Ion Ratio	Lower	Upper
278	100	
139	15.9	9.4 14.0#
279	28.5	19.2 28.8

Manual Integrations
APPROVED

mohammad
8/6/2019 12:18:01 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 3.704 ng/ul

RT: 29.92 min Scan# 4567

Delta R.T. 0.06 min

Lab File: BG041910.D

Acq: 3 Aug 2019 15:16

Tgt Ion:276	Resp:	134493
Ion Ratio	Lower	Upper
276	100	
138	15.8	12.6 18.8
277	25.9	19.2 28.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

