

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
 Data File : BG046233.D
 Acq On : 12 Aug 2020 16:21
 Operator : CG/JU
 Sample : L3612-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBFP1

Manual Integrations
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Quant Time: Aug 12 17:00:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 13:12:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	98230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	395392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.57	164	261034	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	594464	20.00	ng/ul	0.00
78) Chrysene-d12	21.56	240	601098	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	628776	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	7322	3.68	ng/uL	0.01
5) Phenol-d5	7.11	99	155515	20.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	102535	21.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	135013	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	104375	16.05	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	68961	24.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	81089	28.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	139922	21.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	136985	18.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	499957	24.56	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	558690	23.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.76	143	60650	18.24	ng/ul	0.00
58) Fluorene-d10	15.57	176	437010	23.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.67	200	74679	25.10	ng/ul	0.00
71) Anthracene-d10	17.41	188	638609	23.29	ng/ul	0.00
79) Pyrene-d10	19.70	212	752156	23.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	800302	22.96	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.03	163	128721	6.304	ng/ul 98
70) Phenanthrene	17.36	178	51045	1.539	ng/ul 97
77) Fluoranthene	19.36	202	200028	5.496	ng/ul 98
80) Pyrene	19.73	202	159081	3.914	ng/ul 98
83) Benzo(a)anthracene	21.54	228	80021	2.021	ng/ul 100
84) Bis(2-ethylhexyl)phthalate	21.47	149	22737	1.120	ng/ul 93
85) Chrysene	21.61	228	115490	3.001	ng/ul 98
88) Benzo(b)fluoranthene	23.69	252	185259	4.361	ng/ul 98
89) Benzo(k)fluoranthene	23.74	252	60183m	1.443	ng/ul
91) Benzo(a)pyrene	24.52	252	90442	2.322	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	28.16	276	87296	1.794	ng/ul 97
94) Benzo(g,h,i)perylene	29.26	276	77176	1.877	ng/ul 99

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

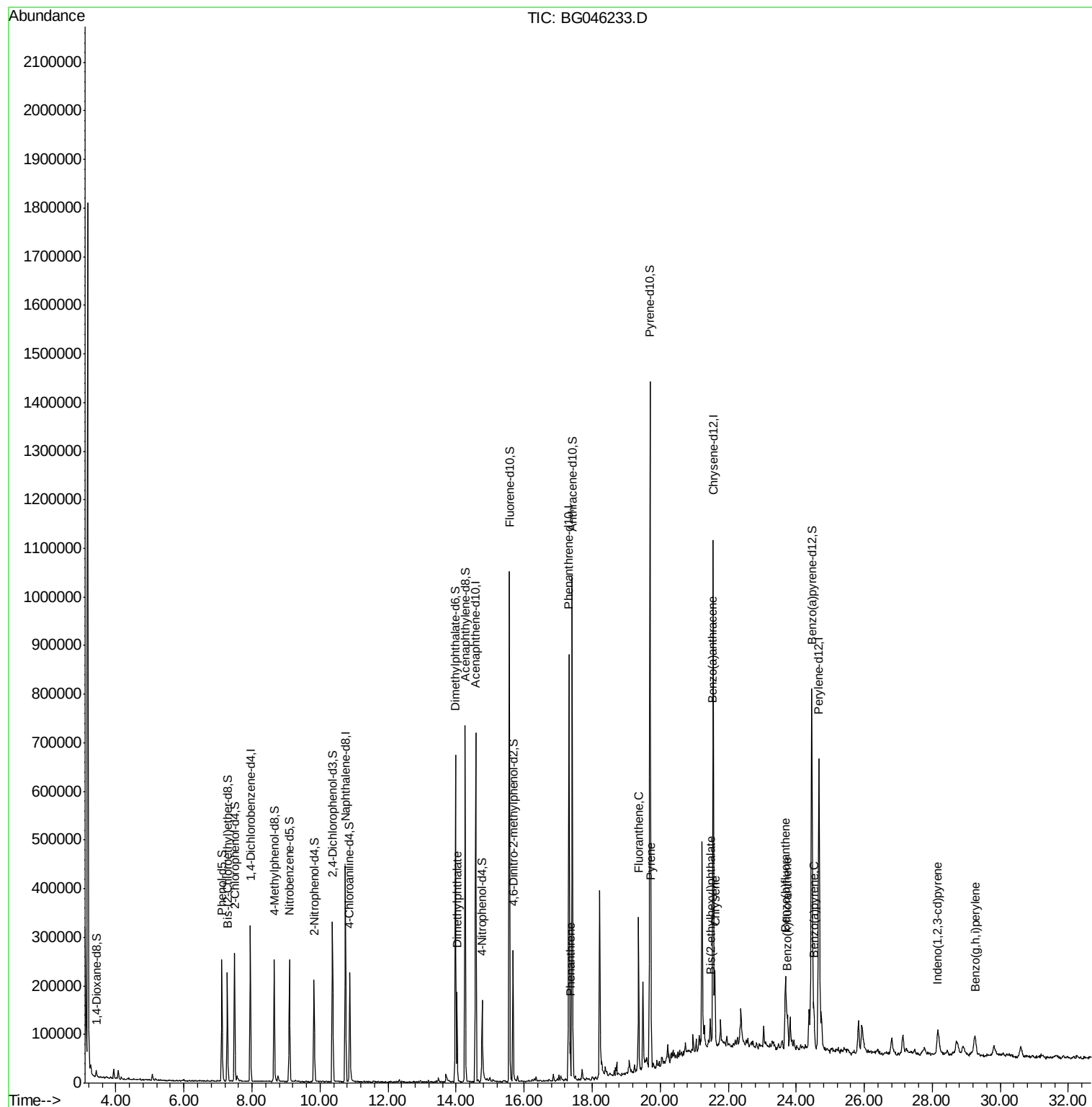
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

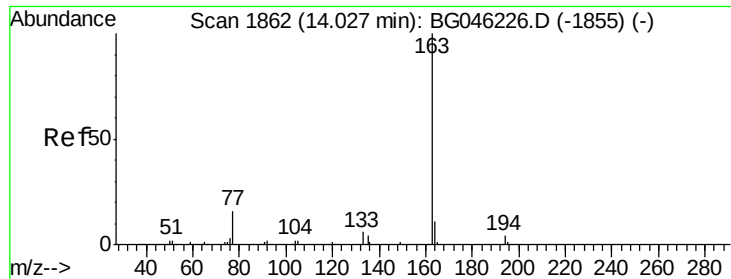
Instrument :
BNA_G
ClientSampleId :
DBFP1

Quant Time: Aug 12 17:00:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 13:12:31 2020
Response via : Initial Calibration

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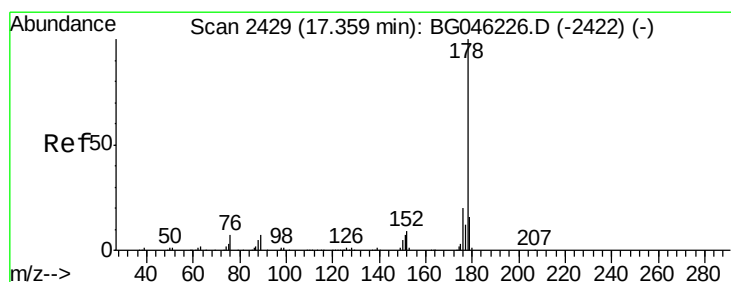
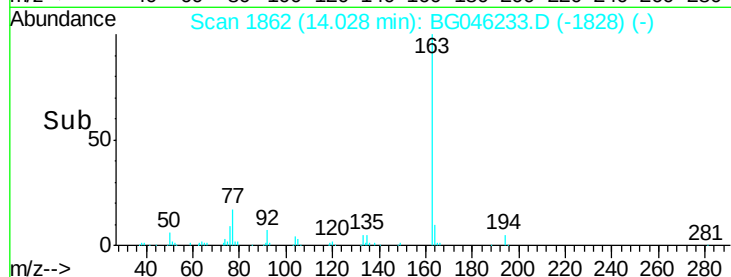
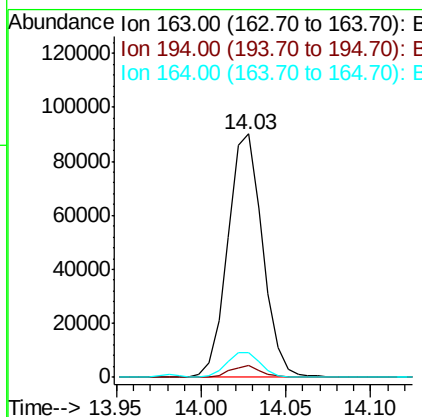
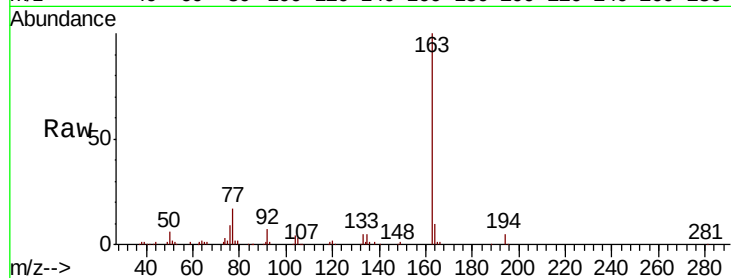
#45
Dimethylphthalate
Concen: 6.304 ng/ul
RT: 14.03 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Instrument :
BNA_G
ClientSampleId :
DBFP1

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	10.4	8.7	13.1

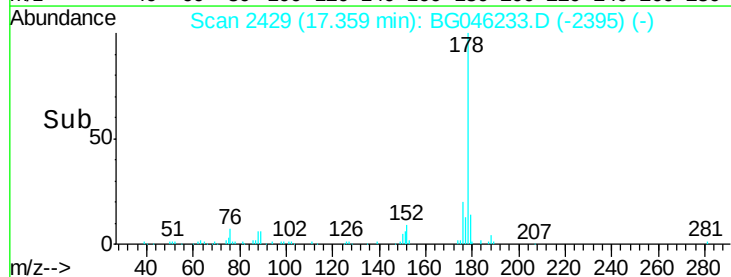
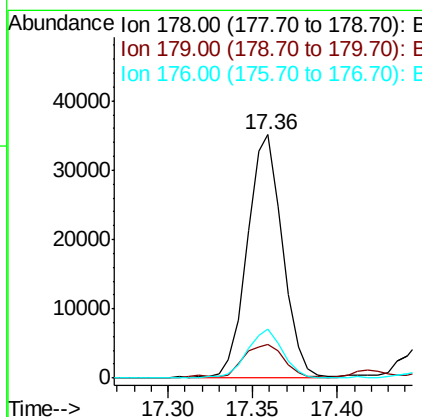
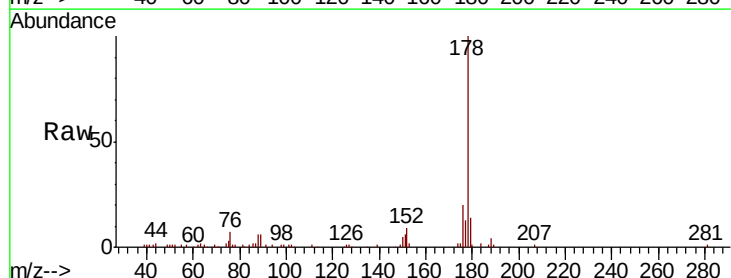
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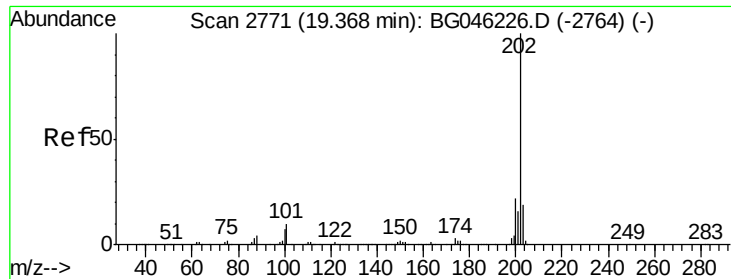
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#70
Phenanthrene
Concen: 1.539 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.0	13.0	19.6
176	20.3	16.0	24.0





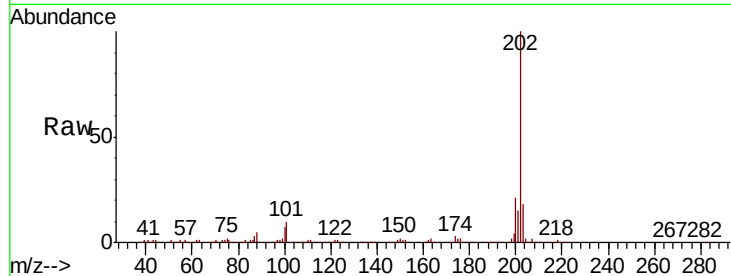
#77
Fluoranthene
Concen: 5.496 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Instrument :
BNA_G
ClientSampleId :
DBFP1

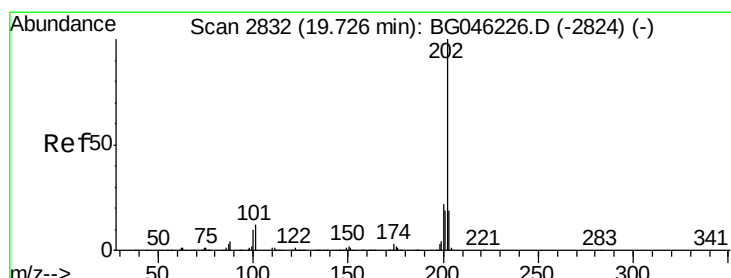
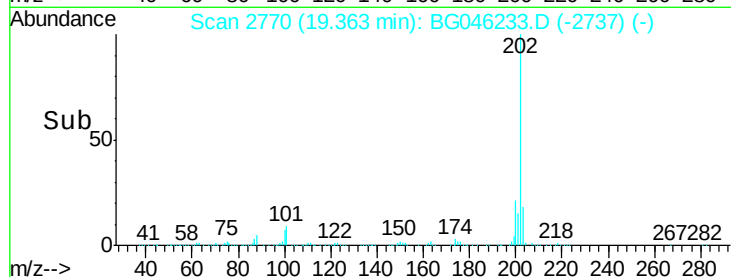
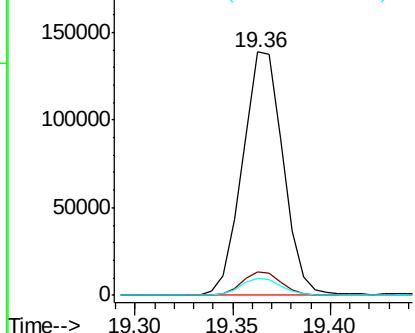
Tot Ion	Ratio	Resp	Lower	Upper
202	100	200028		
101	9.5		7.8	11.6
100	7.1		6.5	9.7

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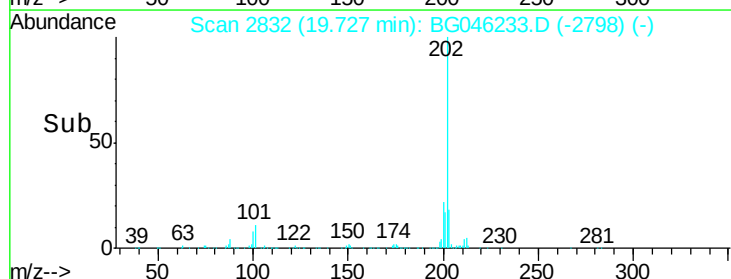
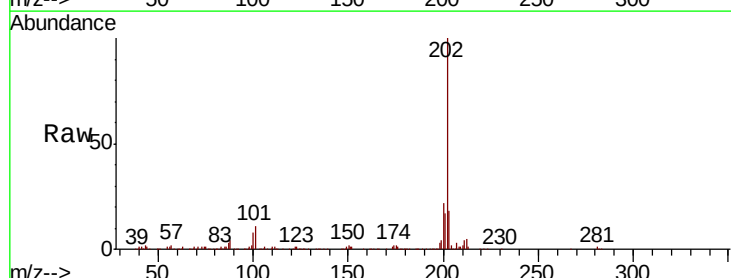
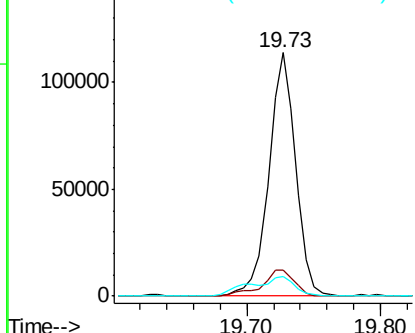
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Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

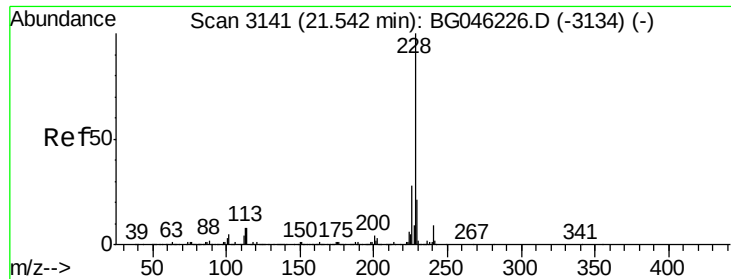


#80
Pyrene
Concen: 3.914 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	159081		
101	10.7		9.0	13.4
100	8.1		7.6	11.4

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





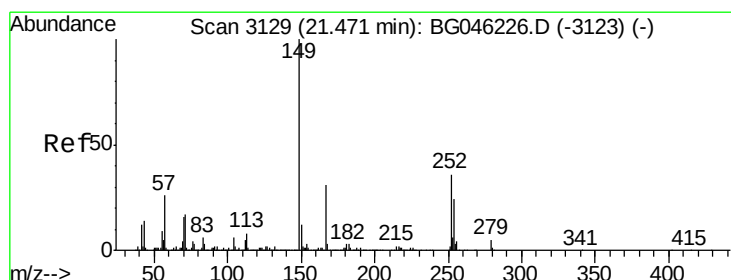
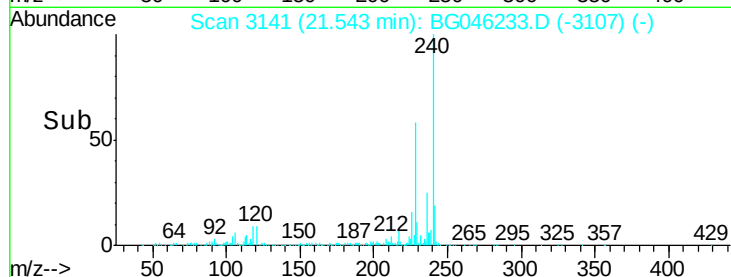
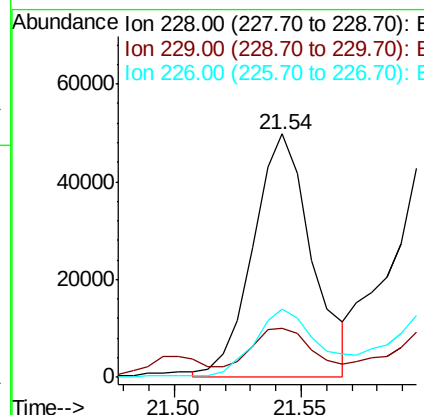
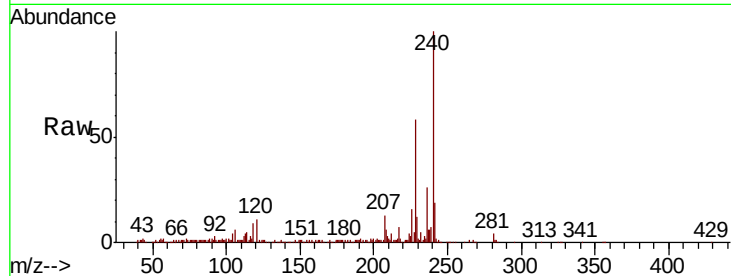
#83
Benzo(a)anthracene
Concen: 2.021 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Instrument :
BNA_G
ClientSampleId :
DBFP1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.2	24.4
226	28.2	22.6	33.8

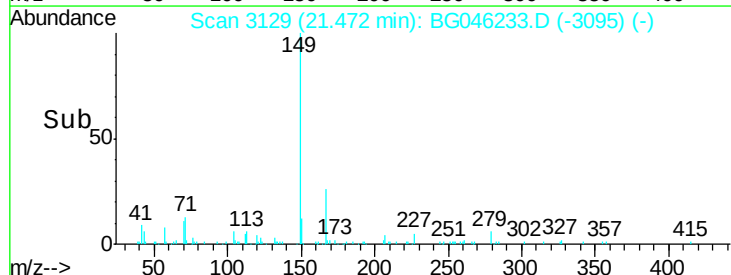
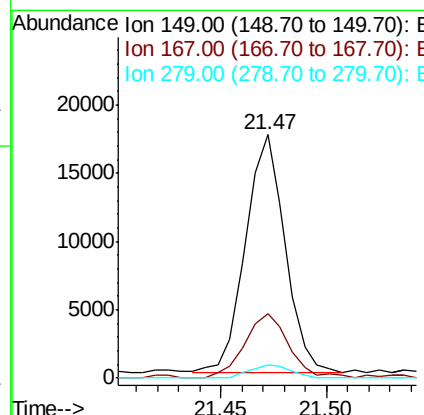
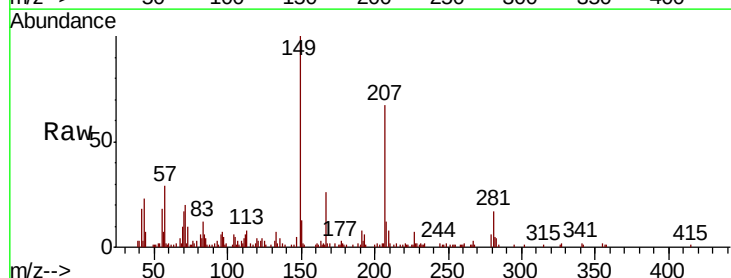
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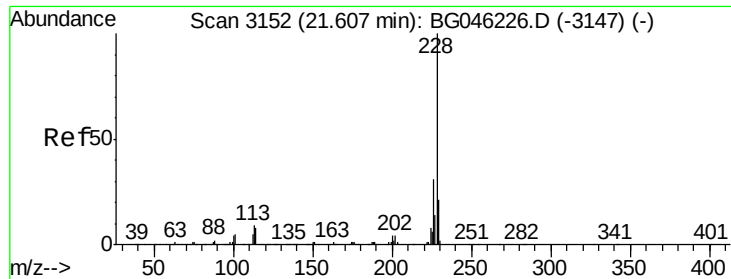
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.120 ng/ul
RT: 21.47 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	24.6	37.0
279	5.6	4.1	6.1





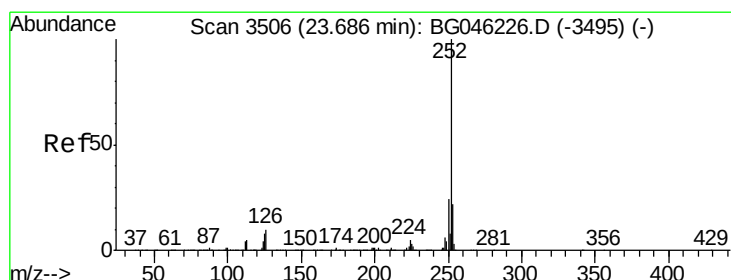
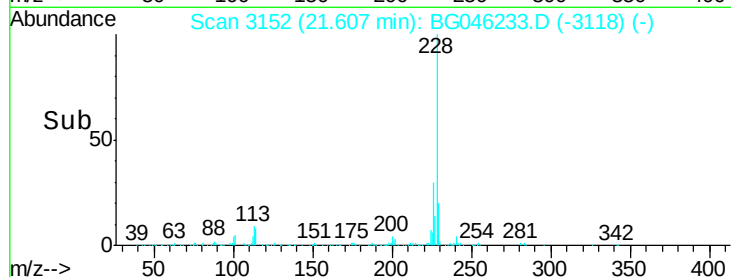
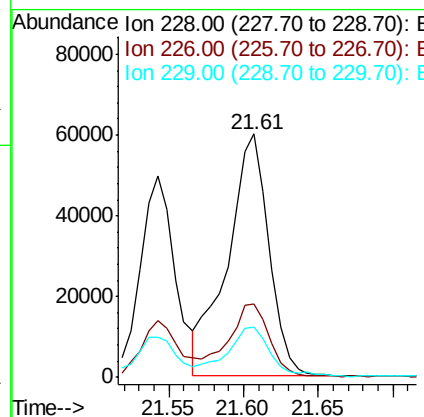
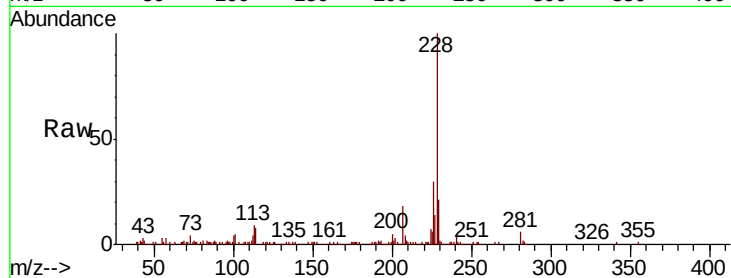
#85
 Chrysene
 Concen: 3.001 ng/ul
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG046233.D
 Acq: 12 Aug 2020 16:21

Instrument :
 BNA_G
 ClientSampleId :
 DBFP1

Tot Ion:	228	Resp:	115490
Ion Ratio	Lower	Upper	
228	100		
226	29.9	25.3	37.9
229	20.8	16.9	25.3

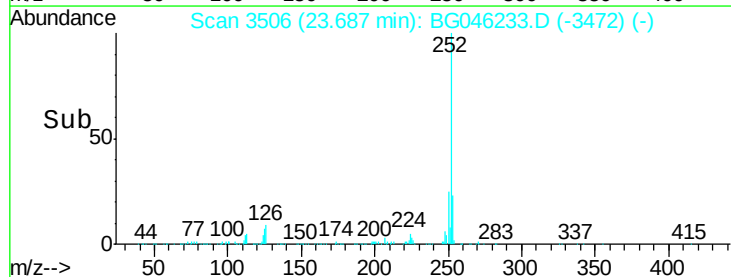
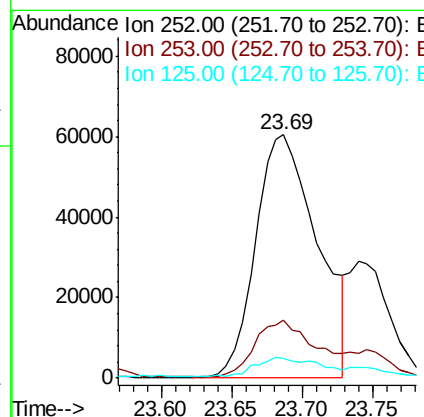
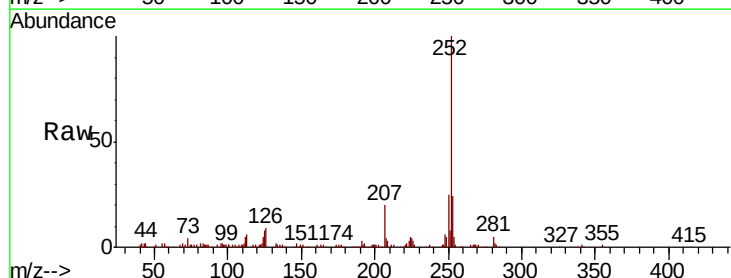
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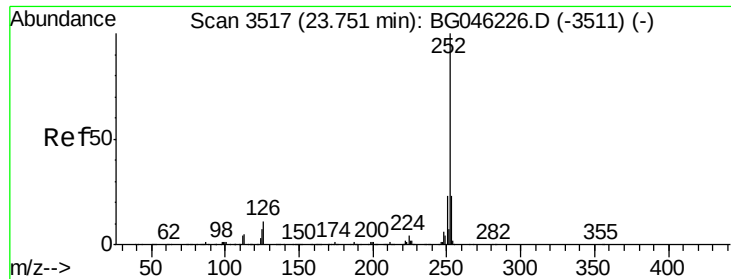
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#88
 Benzo(b)fluoranthene
 Concen: 4.361 ng/ul
 RT: 23.69 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: BG046233.D
 Acq: 12 Aug 2020 16:21

Tgt Ion:	252	Resp:	185259
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	8.1	6.3	9.5





#89

Benzo(k)fluoranthene

Concen: 1.443 ng/ul m

RT: 23.74 min Scan# 3515

Delta R.T. -0.01 min

Lab File: BG046233.D

Acq: 12 Aug 2020 16:21

Instrument :

BNA_G

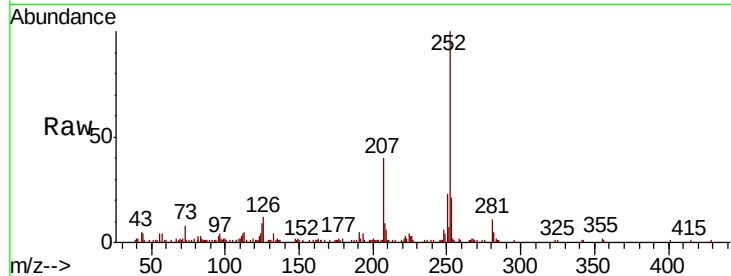
ClientSampleId :

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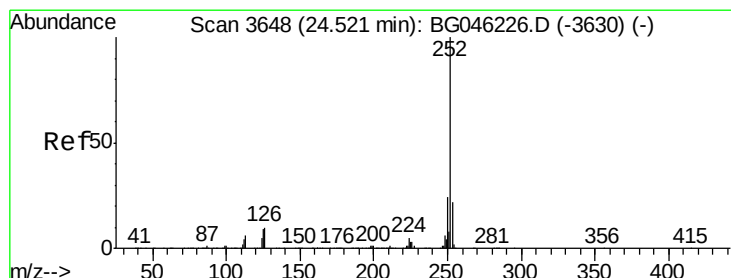
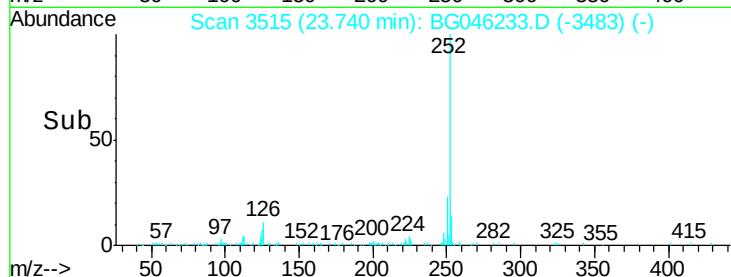
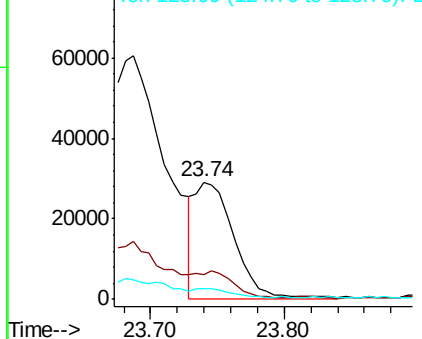
Tot Ion:	252	Resp:	60183
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.8	28.2
125	8.8	6.7	10.1

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 2.322 ng/ul

RT: 24.52 min Scan# 3647

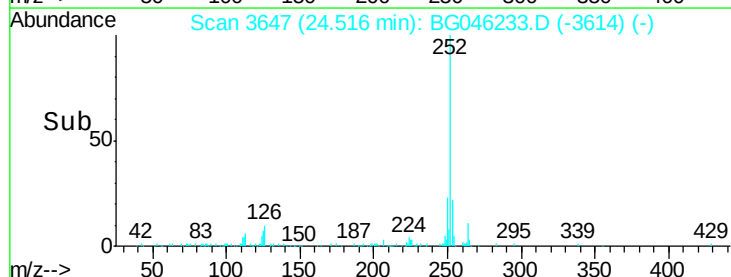
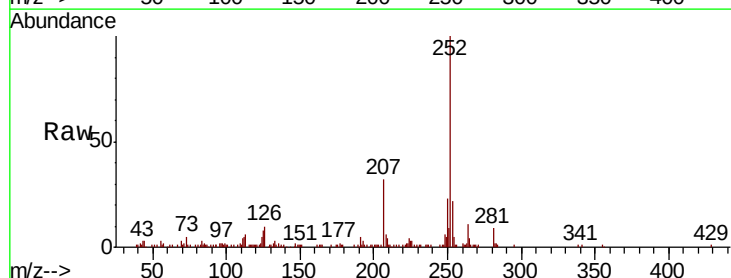
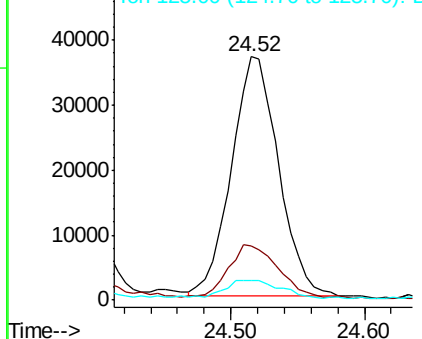
Delta R.T. -0.01 min

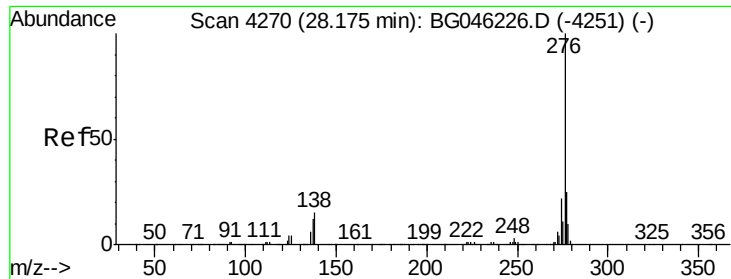
Lab File: BG046233.D

Acq: 12 Aug 2020 16:21

Tgt Ion:	252	Resp:	90442
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	7.9	7.4	11.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92

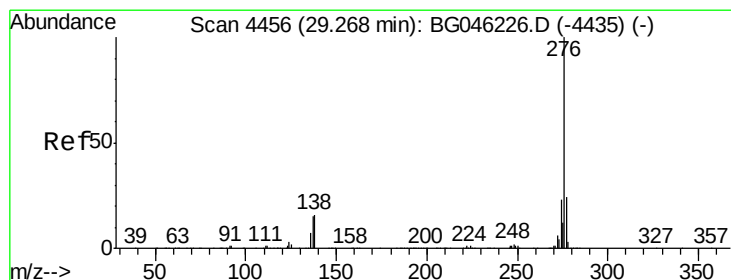
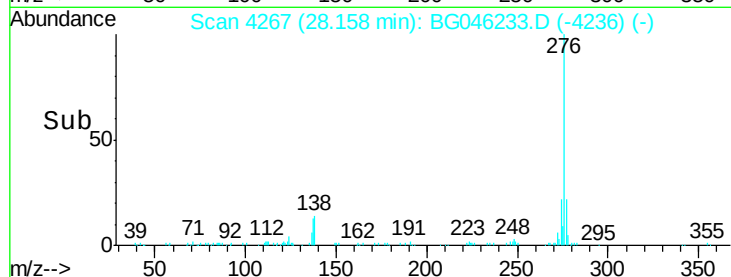
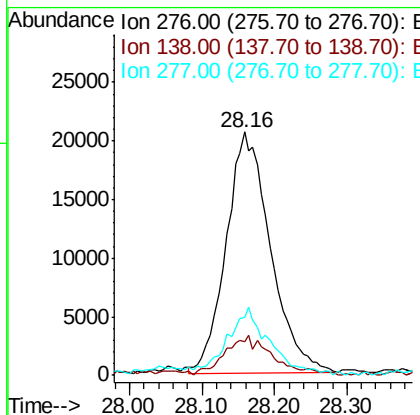
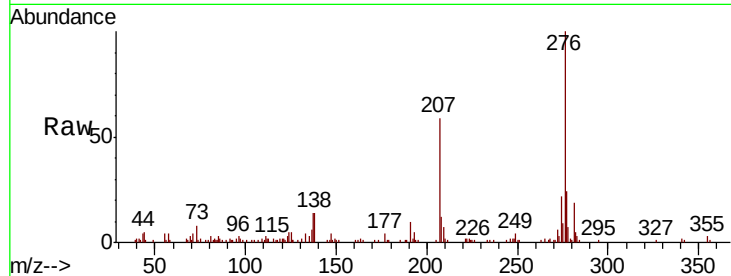
Indeno(1,2,3-cd)pyrene
Concen: 1.794 ng/ul
RT: 28.16 min Scan# 4267
Delta R.T. -0.02 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Instrument :
BNA_G
ClientSampled :
DBFP1

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.6	18.8
277	23.9	18.5	27.7

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#94

Benzo(g,h,i)perylene
Concen: 1.877 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. -0.01 min
Lab File: BG046233.D
Acq: 12 Aug 2020 16:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	13.6	20.4
277	24.4	18.8	28.2

