

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
 Data File : BG047268.D
 Acq On : 10 Nov 2020 12:49
 Operator : CG/JU
 Sample : L4649-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Y8

Manual Integrations
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mohammad
 11/10/2020 2:41:03 PM

Quant Time: Nov 10 13:27:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 10 10:50:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	55371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	228840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	163057	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	377906	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	387841	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	380337	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	10145	7.39	ng/uL	0.00
5) Phenol-d5	7.16	99	174445	36.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	101413	36.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	136568	36.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	142706	37.22	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	65734	34.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	82616	36.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	151214	34.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	80119	21.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	458770	34.22	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	577273	36.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	72556	34.38	ng/ul	0.00
58) Fluorene-d10	15.63	176	430586	34.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	87334	33.51	ng/ul	0.00
71) Anthracene-d10	17.49	188	620624	33.88	ng/ul	0.00
79) Pyrene-d10	19.77	212	759596	34.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	740097	35.40	ng/ul	0.00

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.09	163	39479	2.934	ng/ul#	96
70) Phenanthrene	17.43	178	92261	4.353	ng/ul	94
77) Fluoranthene	19.44	202	234967	9.210	ng/ul	99
80) Pyrene	19.80	202	207526	7.819	ng/ul#	96
83) Benzo(a)anthracene	21.63	228	127183	4.841	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	109819	8.121	ng/ul	98
85) Chrysene	21.69	228	131592	5.206	ng/ul	98
88) Benzo(b)fluoranthene	23.83	252	185209	7.331	ng/ul#	99
89) Benzo(k)fluoranthene	23.89	252	72710m	2.970	ng/ul	
91) Benzo(a)pyrene	24.68	252	114433	5.030	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.47	276	89291	3.158	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.50	278	25464m	1.110	ng/ul	
94) Benzo(g,h,i)perylene	29.61	276	89696	3.796	ng/ul#	93

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

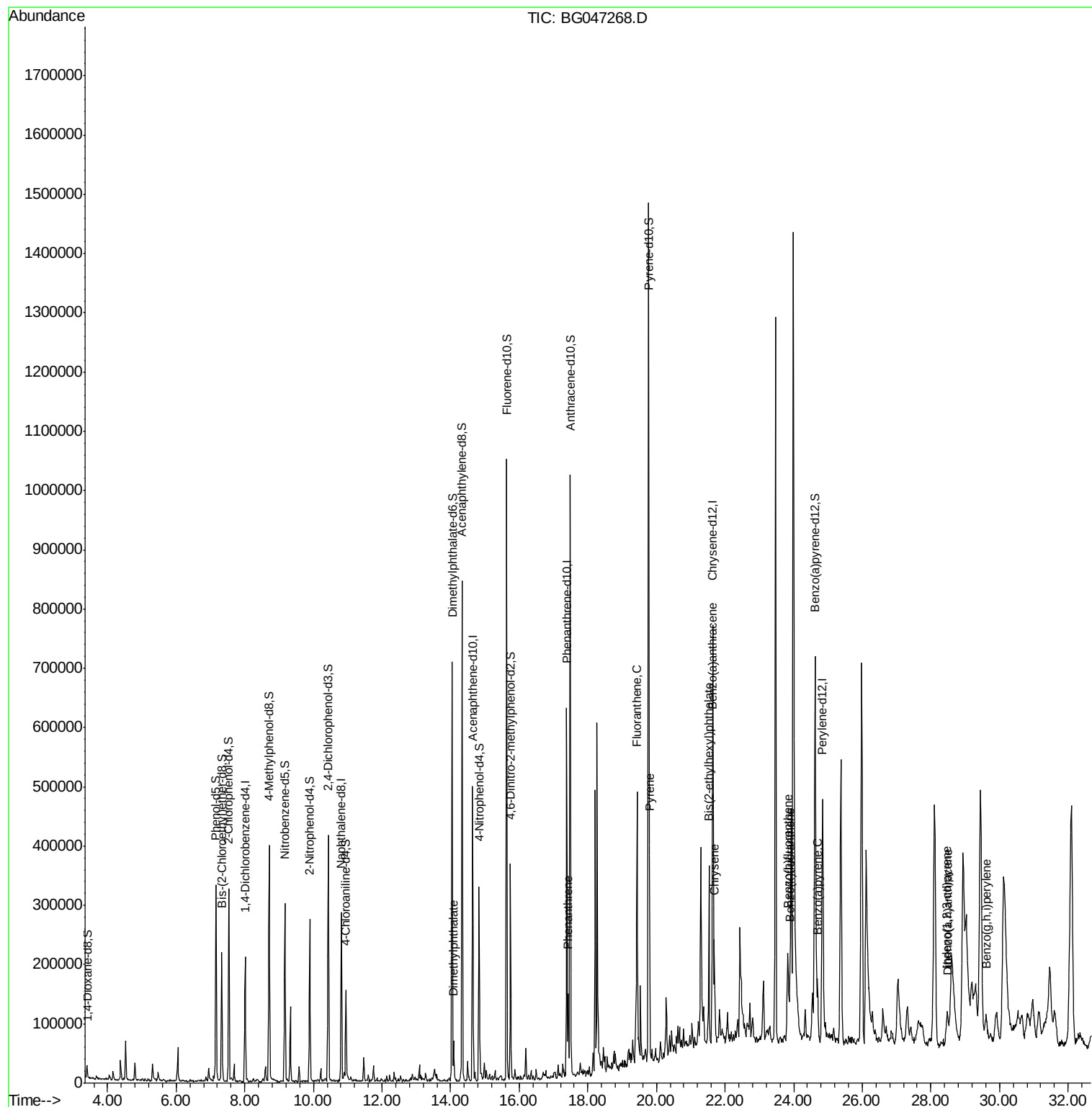
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047268.D
Acq On : 10 Nov 2020 12:49
Operator : CG/JU
Sample : L4649-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

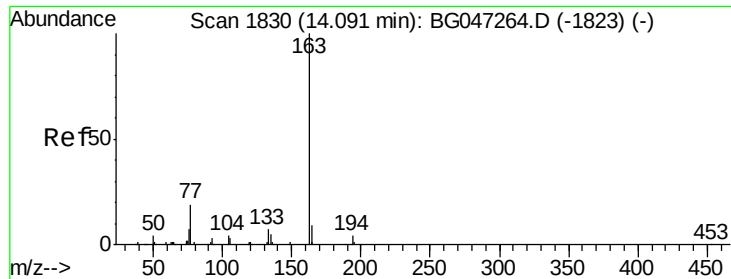
Instrument :
BNA_G
ClientSampleId :
CB7Y8

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Quant Time: Nov 10 13:27:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration





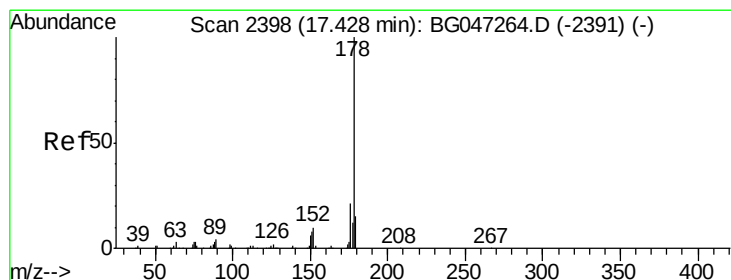
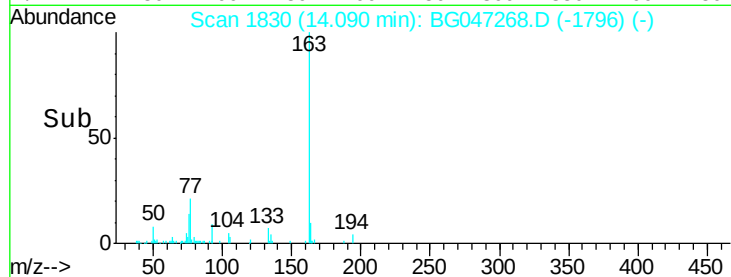
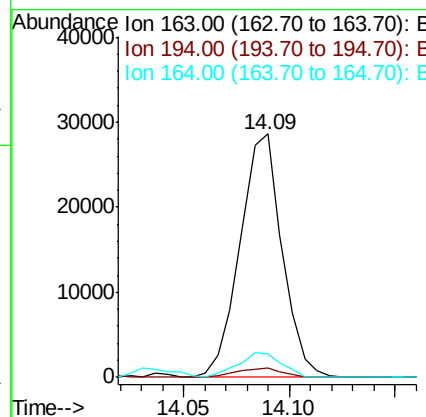
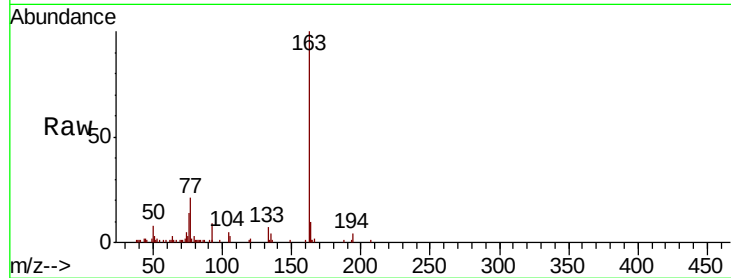
#45
Dimethylphthalate
Concen: 2.934 ng/ul
RT: 14.09 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Instrument :
BNA_G
ClientSampleId :
CB7Y8

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	3.4	5.0	
164	10.9	7.2	10.8	

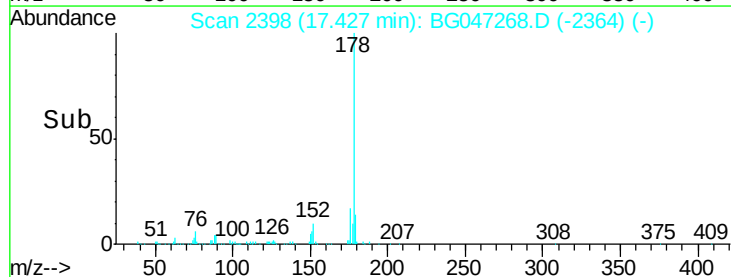
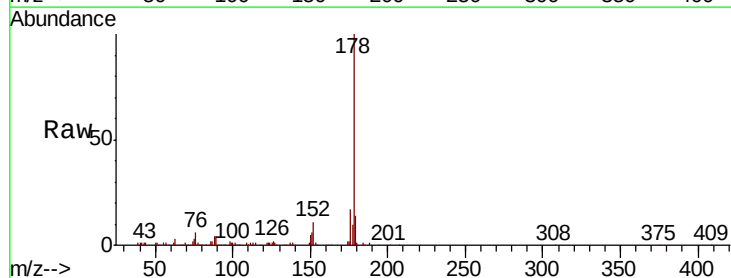
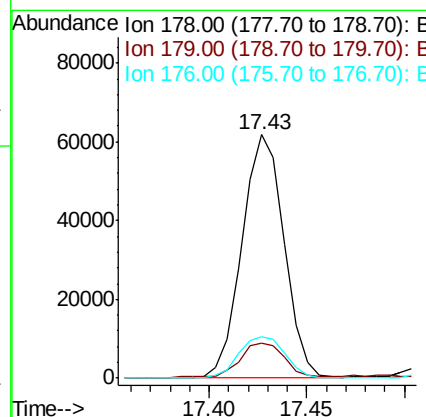
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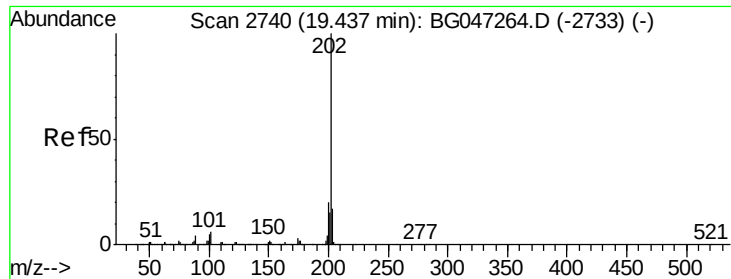
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#70
Phenanthrene
Concen: 4.353 ng/ul
RT: 17.43 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	14.2	12.2	18.4	
176	17.1	16.5	24.7	





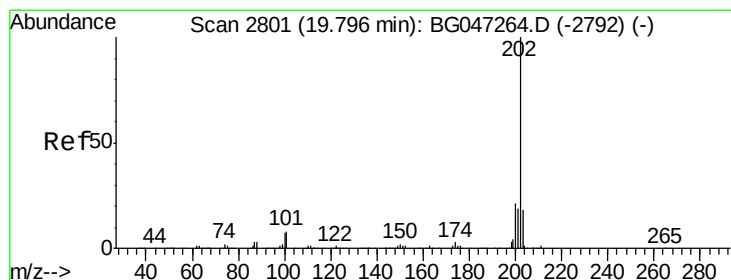
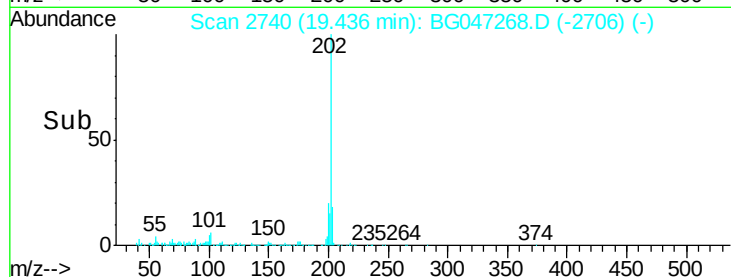
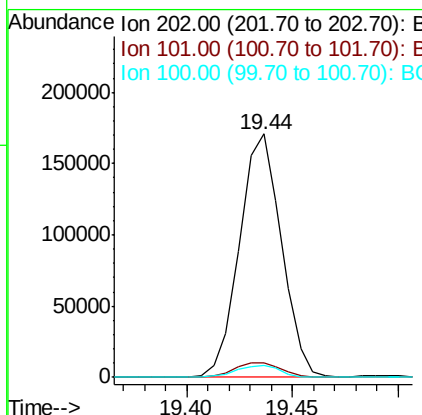
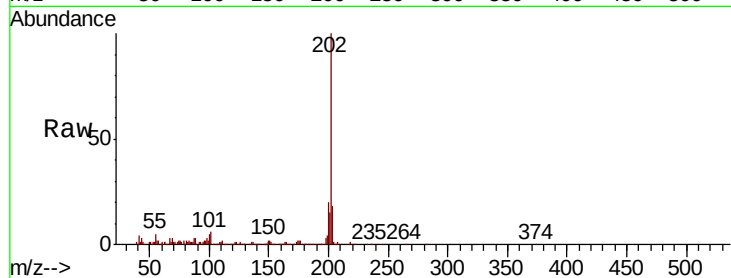
#77
Fluoranthene
Concen: 9.210 ng/ul
RT: 19.44 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Instrument :
BNA_G
ClientSampleId :
CB7Y8

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.0	5.0	7.6
100	5.0	4.2	6.2

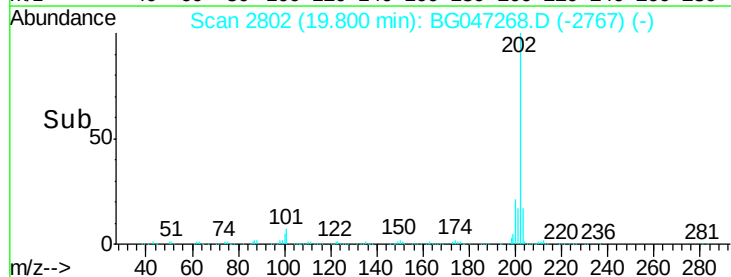
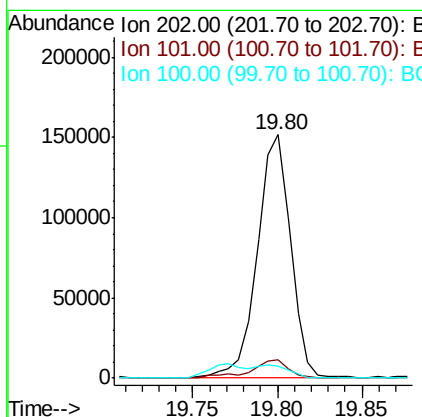
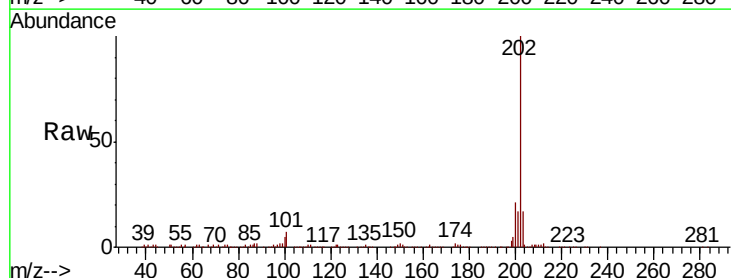
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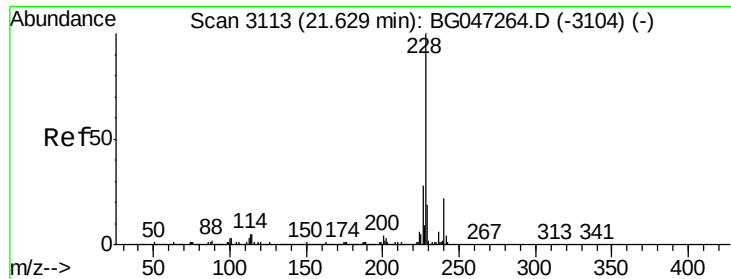
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#80
Pyrene
Concen: 7.819 ng/ul
RT: 19.80 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.4	6.5	9.7
100	5.0	5.7	8.5#





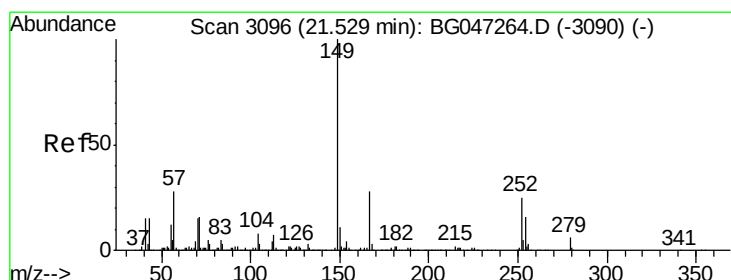
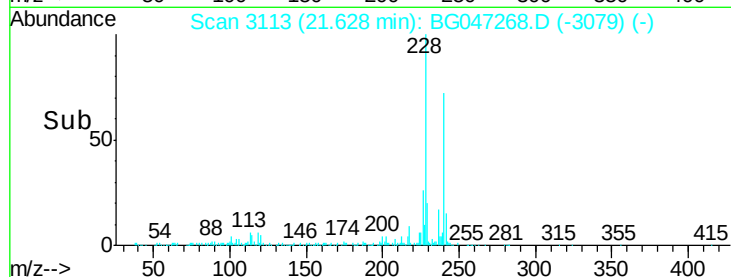
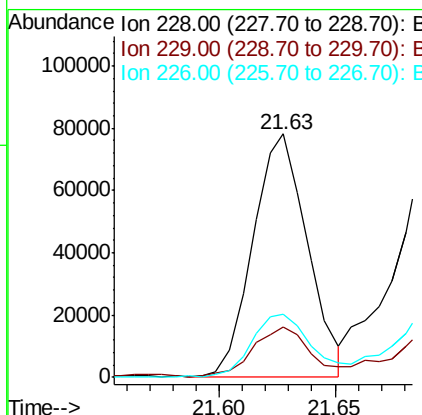
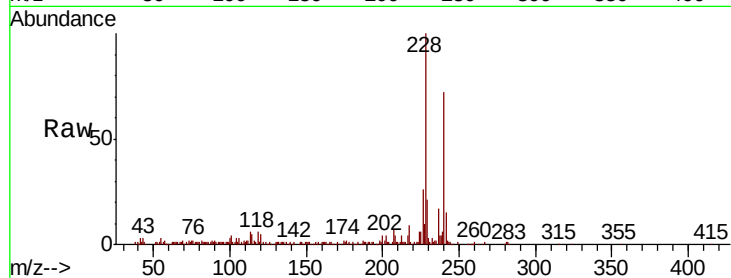
#83
Benzo(a)anthracene
Concen: 4.841 ng/ul
RT: 21.63 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Instrument :
BNA_G
ClientSampled :
CB7Y8

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.1	22.7
226	26.1	22.7	34.1

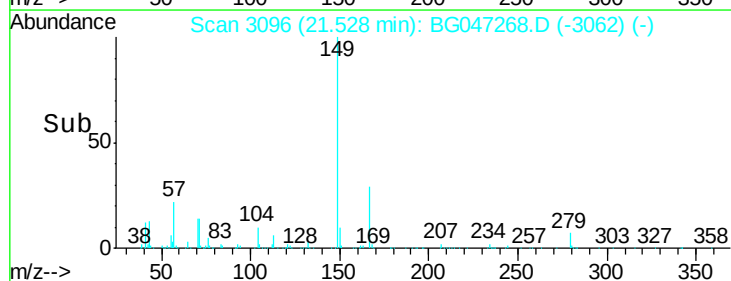
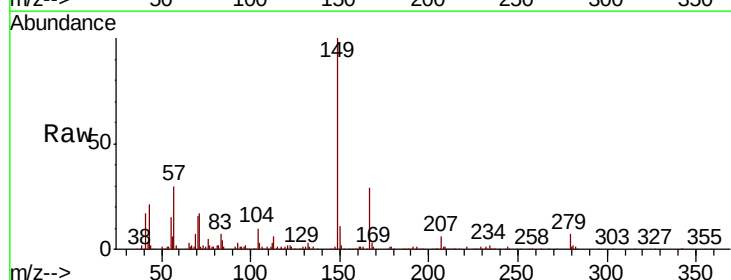
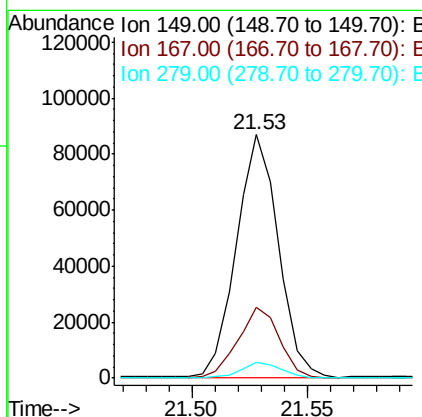
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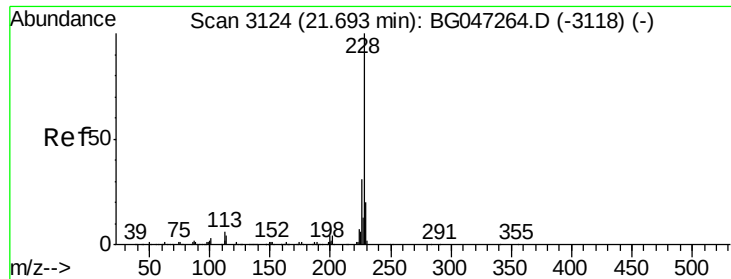
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#84
Bis(2-ethylhexyl)phthalate
Concen: 8.121 ng/ul
RT: 21.53 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.7	34.1
279	6.6	4.6	7.0





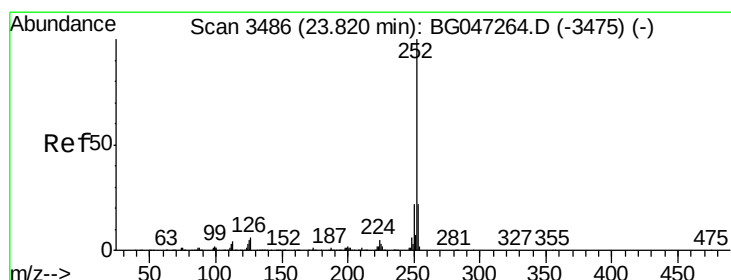
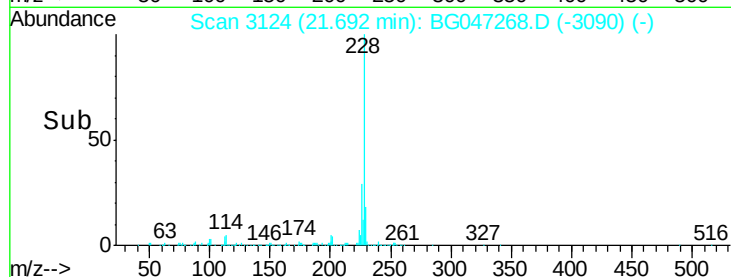
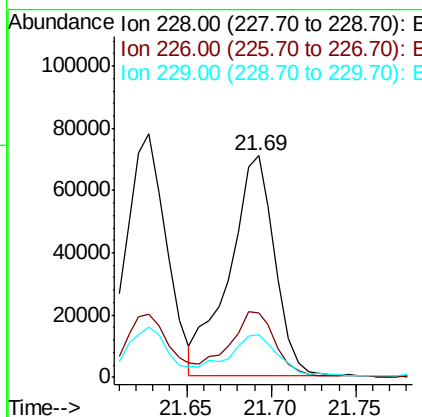
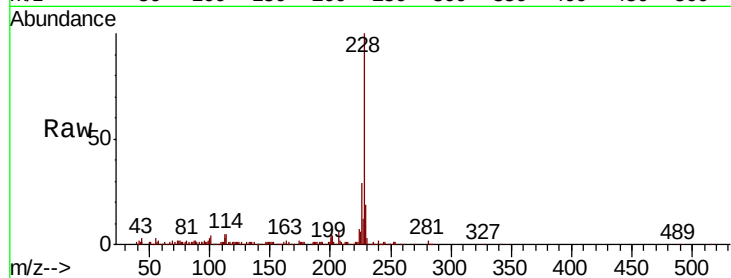
#85
 Chrysene
 Concen: 5.206 ng/ul
 RT: 21.69 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG047268.D
 Acq: 10 Nov 2020 12:49

Instrument :
 BNA_G
 ClientSampled :
 CB7Y8

Tot Ion:	228	Resp:	131592
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.6	36.8
229	19.3	15.8	23.8

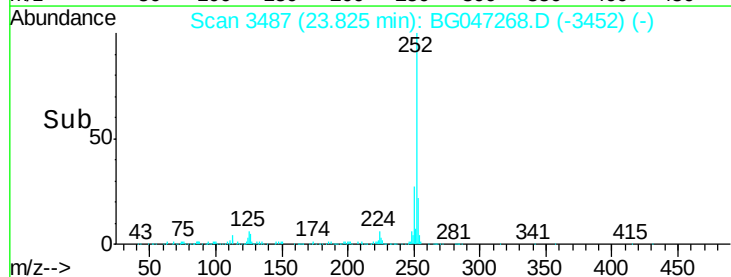
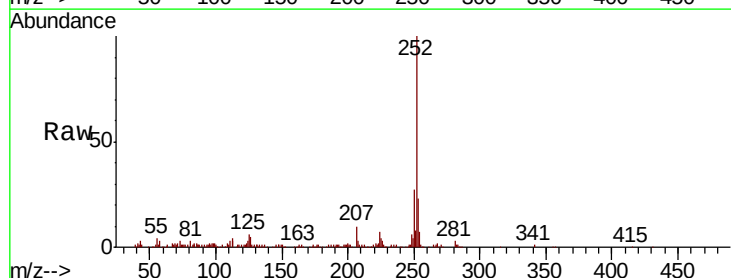
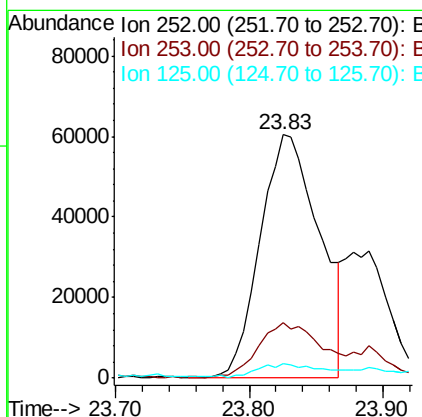
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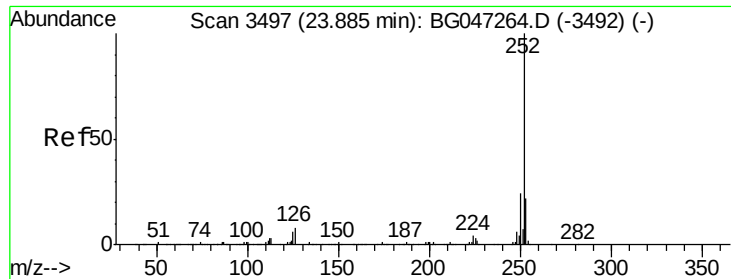
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#88
 Benzo(b)fluoranthene
 Concen: 7.331 ng/ul
 RT: 23.83 min Scan# 3487
 Delta R.T. 0.00 min
 Lab File: BG047268.D
 Acq: 10 Nov 2020 12:49

Tgt Ion:	252	Resp:	185209
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	6.1	3.7	5.5#





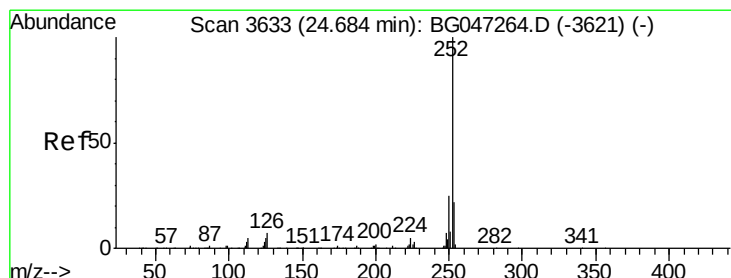
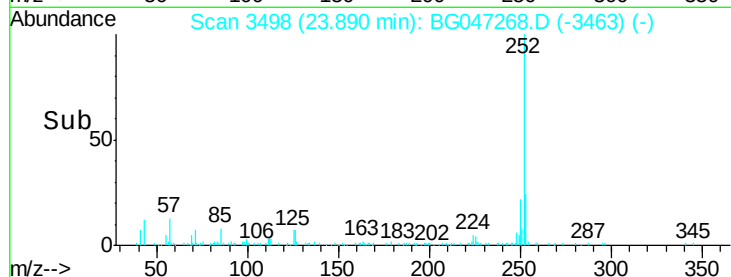
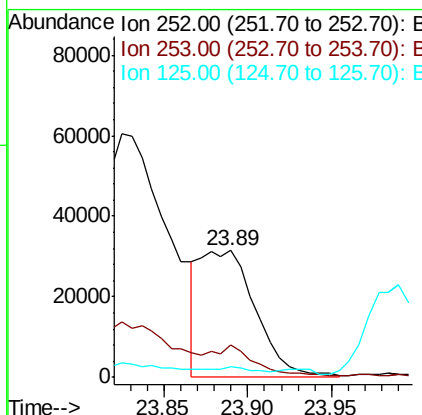
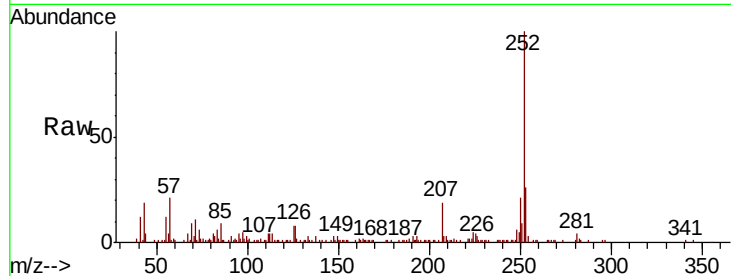
#89
Benzo(k)fluoranthene
Concen: 2.970 ng/ul m
RT: 23.89 min Scan# 3498
Delta R.T. 0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Instrument :
BNA_G
ClientSampleId :
CB7Y8

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.4
125	8.0	4.6	7.0

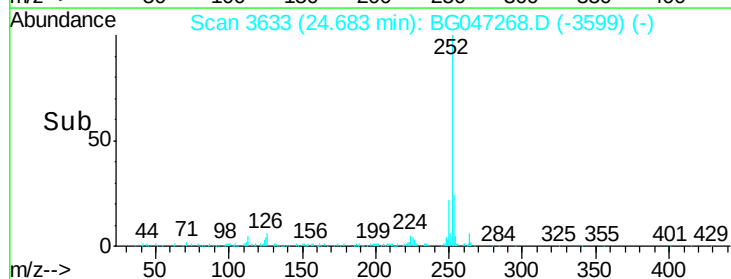
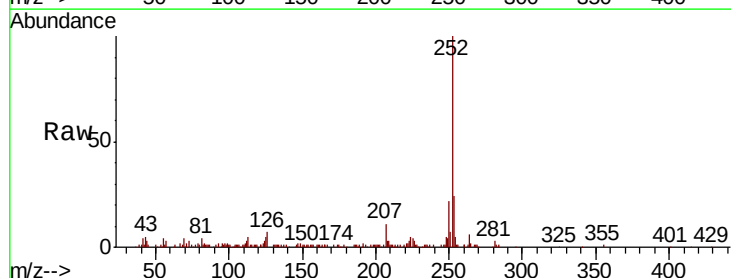
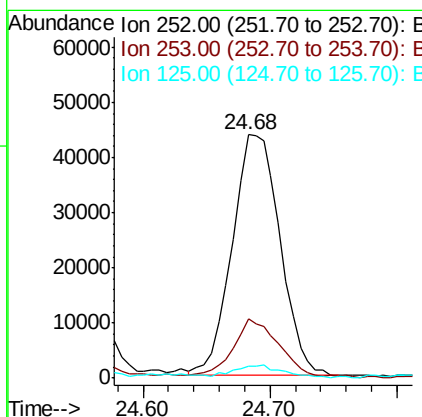
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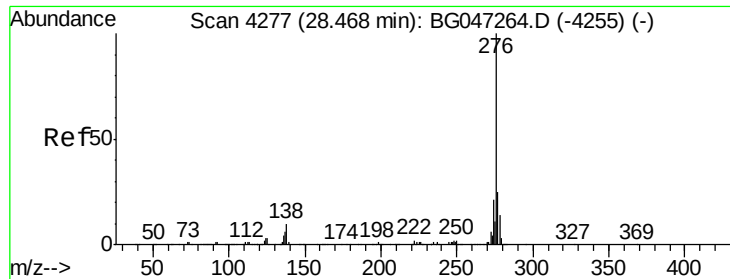
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#91
Benzo(a)pyrene
Concen: 5.030 ng/ul
RT: 24.68 min Scan# 3633
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	5.0	4.2	6.4





#92

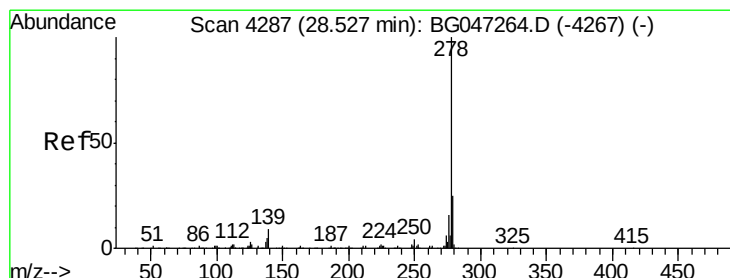
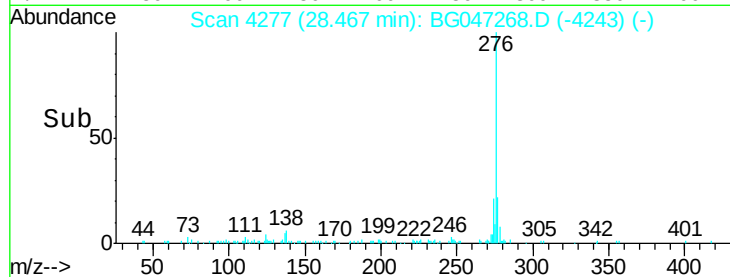
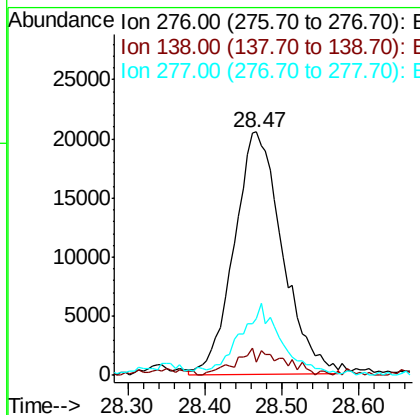
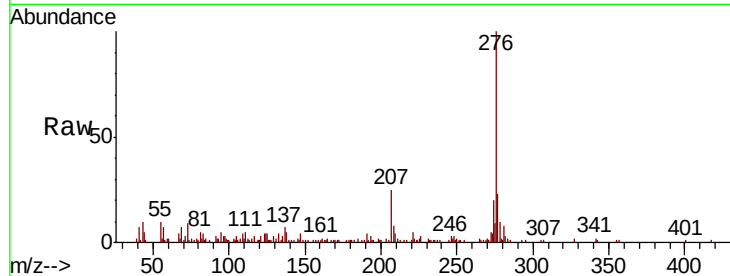
Indeno(1,2,3-cd)pyrene
Concen: 3.158 ng/ul
RT: 28.47 min Scan# 4277
Delta R.T. -0.00 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Instrument :
BNA_G
ClientSampleId :
CB7Y8

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.4	8.1	12.1#
277	23.1	20.2	30.4

Manual Integrations
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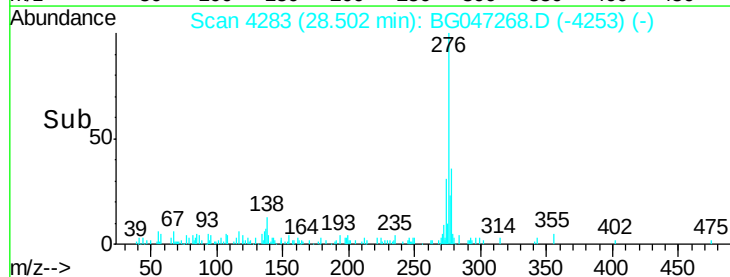
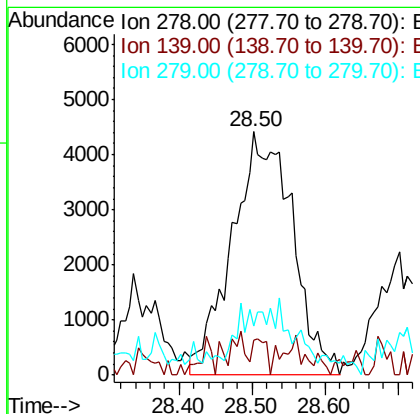
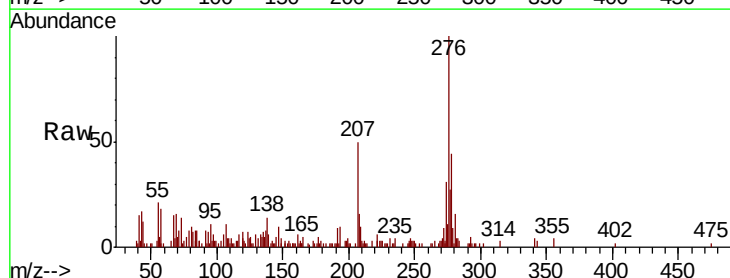
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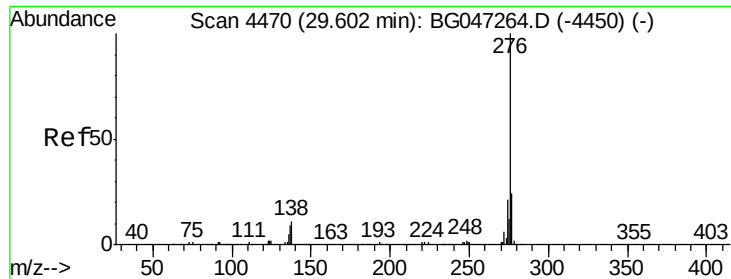


#93

Dibenzo(a,h)anthracene
Concen: 1.110 ng/ul m
RT: 28.50 min Scan# 4283
Delta R.T. -0.02 min
Lab File: BG047268.D
Acq: 10 Nov 2020 12:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	7.1	10.7#
279	20.2	19.9	29.9





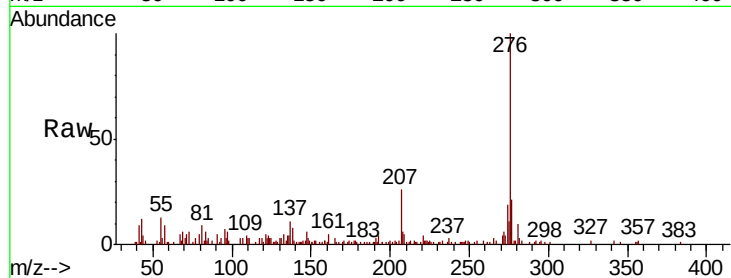
#94
 Benzo(a,h,i)perylene
 Concen: 3.796 ng/ul
 RT: 29.61 min Scan# 4471
 Delta R.T. 0.00 min
 Lab File: BG047268.D
 Acq: 10 Nov 2020 12:49

Instrument :
 BNA_G
 ClientSampleId :
 CB7Y8

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	9.0	13.6#
277	21.3	19.2	28.8

Manual Integrations
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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

