

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047114.D
 Acq On : 29 Oct 2020 11:01
 Operator : CG/JU
 Sample : L4499-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2B5

Manual Integrations
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Quant Time: Oct 29 10:41:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 29 10:00:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54601	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	219638	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	159270	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	386139	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	394710	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	403528	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3527	2.61	ng/uL	0.00
5) Phenol-d5	7.21	99	77765	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	46492	17.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	61419	16.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	64314	17.01	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	31467	17.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	36636	17.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	68337	16.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	36805	10.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	220365	16.83	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	259365	16.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	32268	15.65	ng/ul	0.00
58) Fluorene-d10	15.68	176	204808	16.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	37804	14.20	ng/ul	0.00
71) Anthracene-d10	17.53	188	335324	17.92	ng/ul	0.00
79) Pyrene-d10	19.82	212	393688	17.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	368012	16.59	ng/ul	0.00

Target Compounds

					Ovalue
45) Dimethylphthalate	14.13	163	68501	5.212	ng/ul 99
70) Phenanthrene	17.47	178	214520	9.905	ng/ul 98
72) Anthracene	17.57	178	27506	1.264	ng/ul 94
77) Fluoranthene	19.48	202	506248	19.421	ng/ul 100
80) Pyrene	19.85	202	376473	13.938	ng/ul 99
83) Benzo(a)anthracene	21.68	228	213645	7.990	ng/ul 97
85) Chrysene	21.75	228	233264	9.067	ng/ul 98
88) Benzo(b)fluoranthene	23.91	252	300933	11.227	ng/ul 96
89) Benzo(k)fluoranthene	23.97	252	94745	3.648	ng/ul 95
91) Benzo(a)pyrene	24.78	252	184463	7.642	ng/ul 100
92) Indeno(1,2,3-cd)pyrene	28.63	276	144303	4.810	ng/ul 94
93) Dibenzo(a,h)anthracene	28.68	278	40216m	1.653	ng/ul
94) Benzo(g,h,i)perylene	29.79	276	129446m	5.163	ng/ul

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

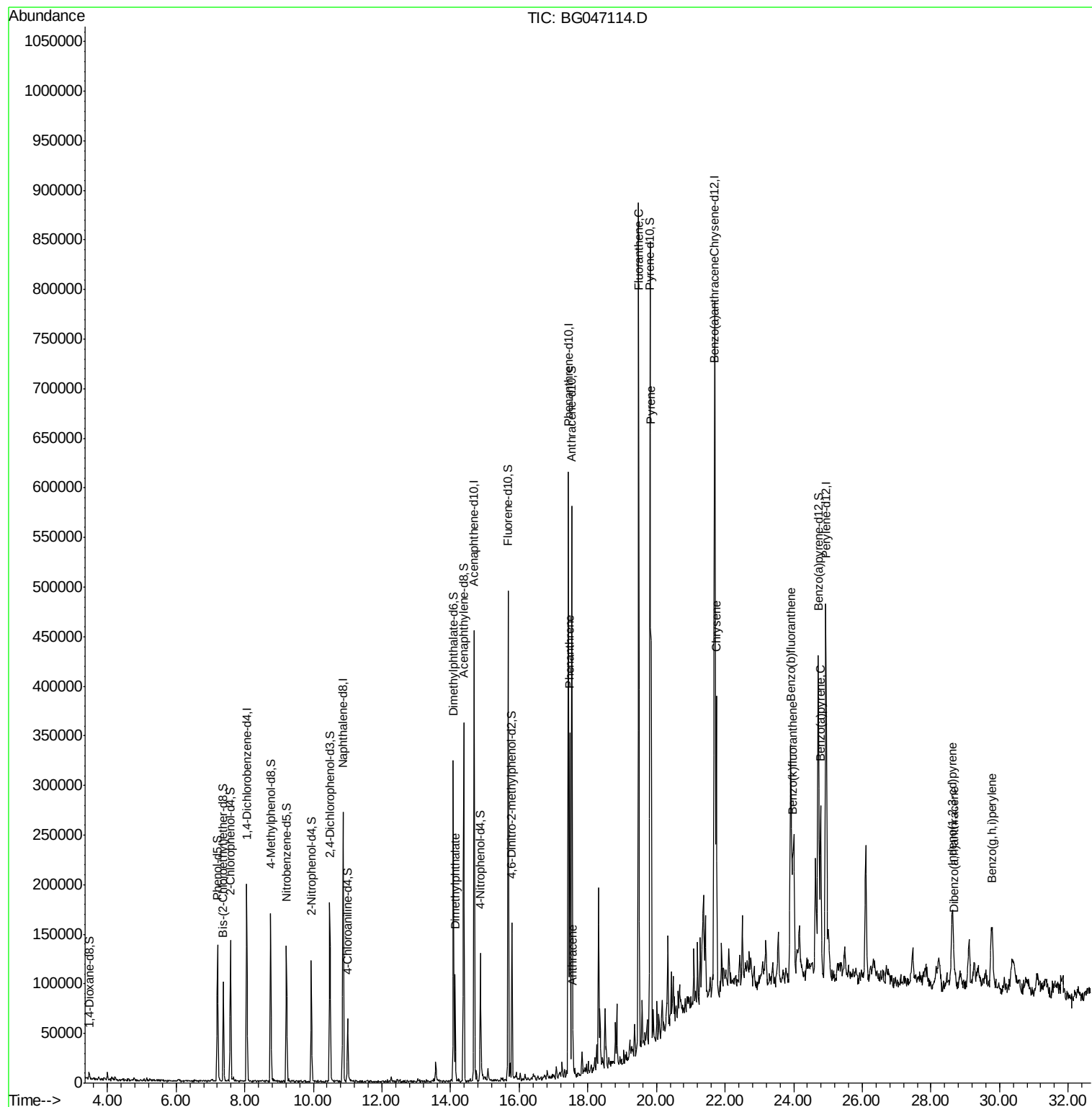
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047114.D
Acq On : 29 Oct 2020 11:01
Operator : CG/JU
Sample : L4499-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

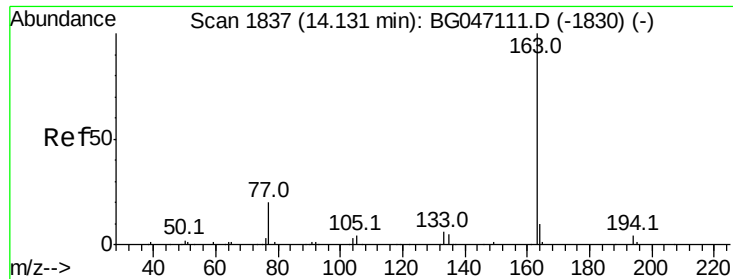
Instrument :
BNA_G
ClientSampleId :
EW2B5

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Quant Time: Oct 29 10:41:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration





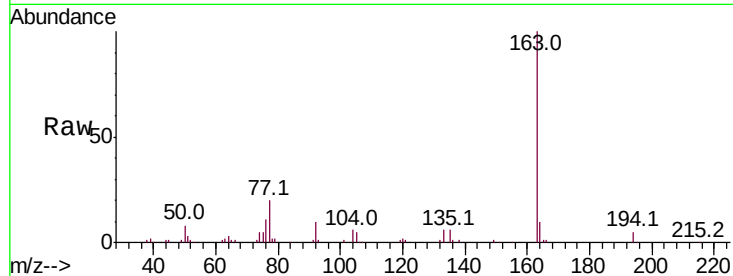
#45
Dimethylphthalate
Concen: 5.212 ng/ul
RT: 14.13 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Instrument :
BNA_G
ClientSampleId :
EW2B5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	10.4	7.9	11.9

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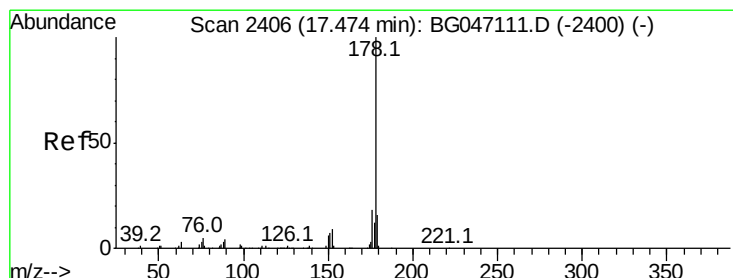
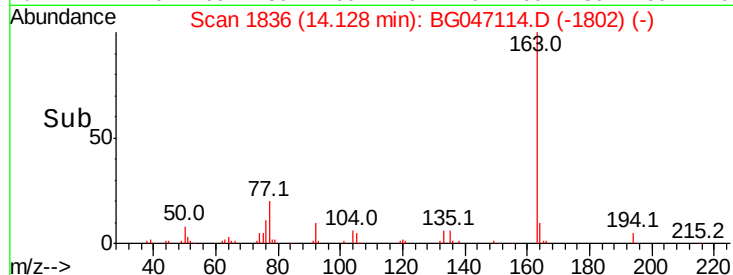
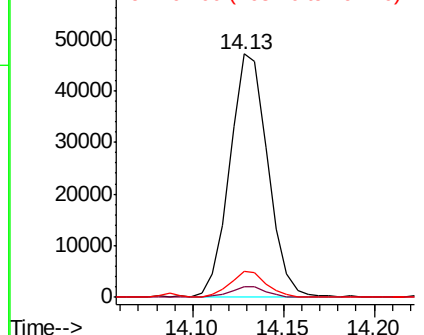


Abundance

Ion 163.00 (162.70 to 163.70): E

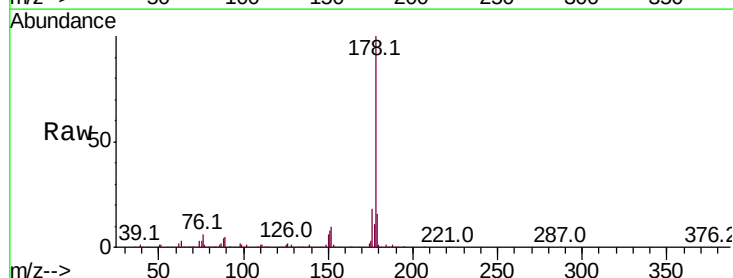
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 9.905 ng/ul
RT: 17.47 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	17.8	15.5	23.3

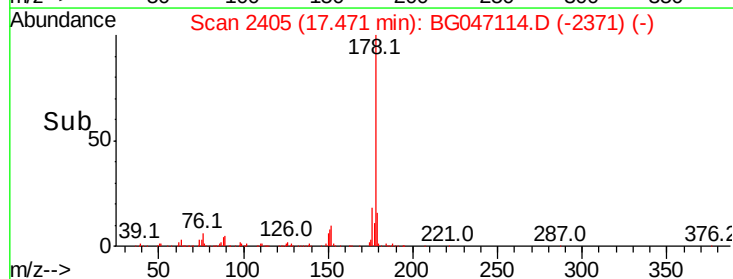
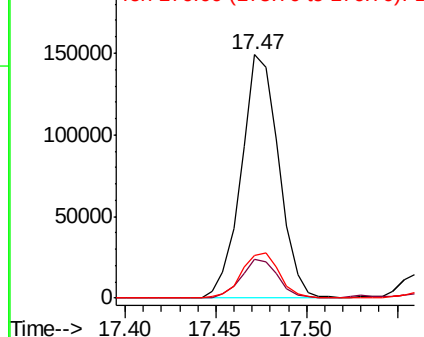


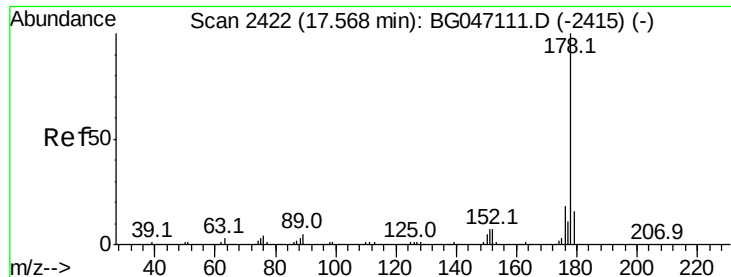
Abundance

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





#72

Anthracene

Concen: 1.264 ng/ul

RT: 17.57 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG047114.D

Acq: 29 Oct 2020 11:01

Instrument :

BNA_G

ClientSampleId :

EW2B5

Tot Ion:178 Resp: 27506

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.6

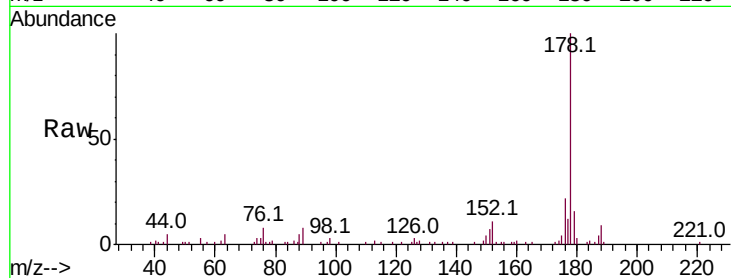
176 21.5 14.7 22.1

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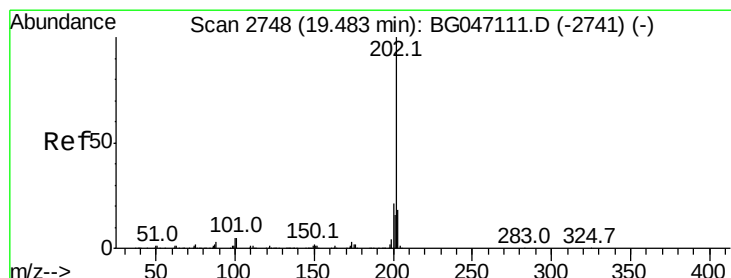
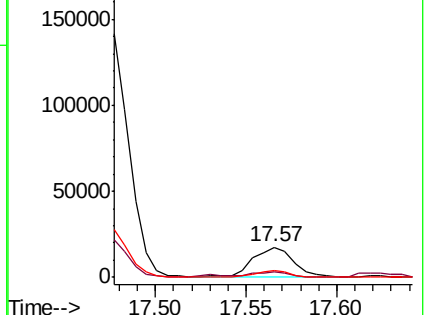
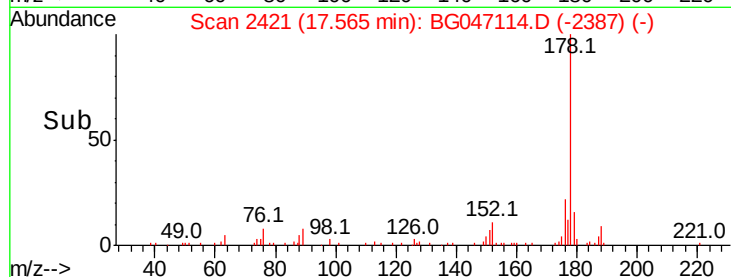
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 19.421 ng/ul

RT: 19.48 min Scan# 2747

Delta R.T. -0.00 min

Lab File: BG047114.D

Acq: 29 Oct 2020 11:01

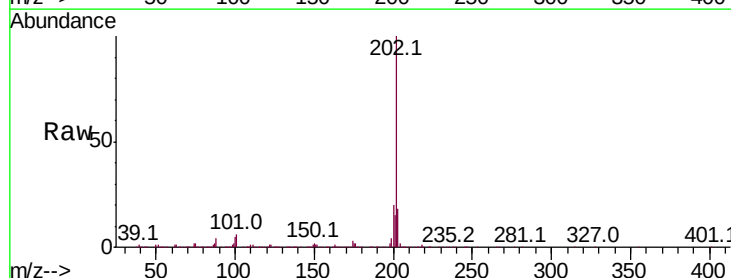
Tgt Ion:202 Resp: 506248

Ion Ratio Lower Upper

202 100

101 6.3 4.9 7.3

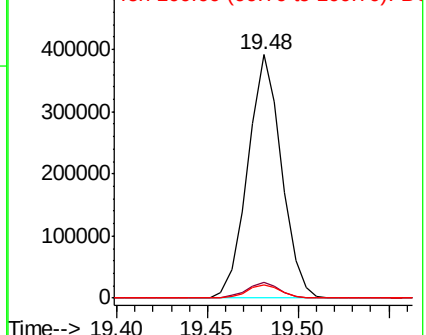
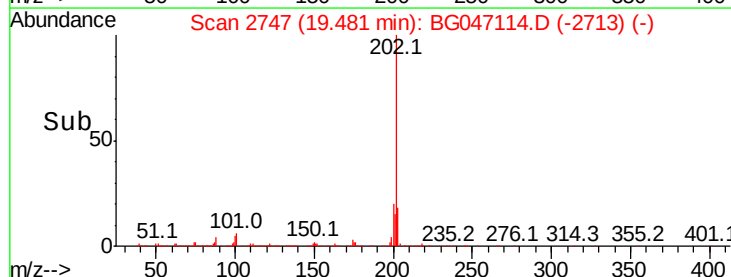
100 5.2 4.2 6.4

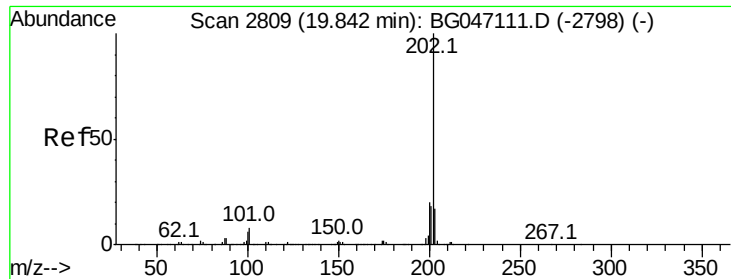


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





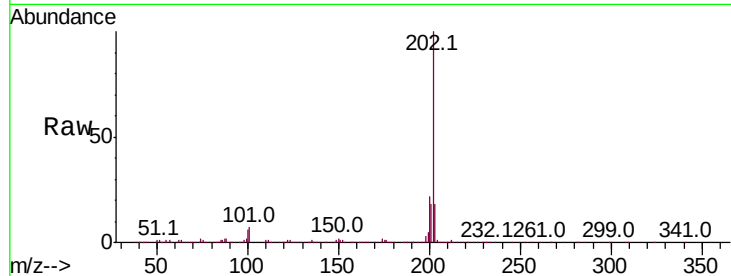
#80
Pvrene
Concen: 13.938 ng/ul
RT: 19.85 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Instrument :
BNA_G
ClientSampleId :
EW2B5

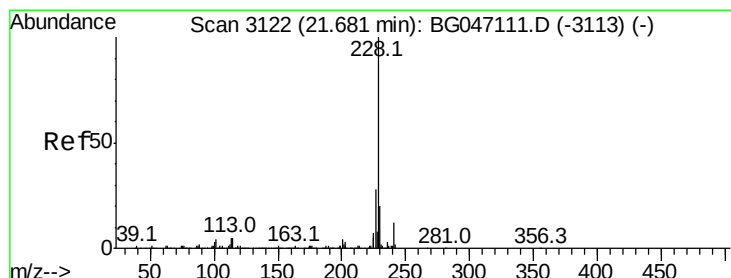
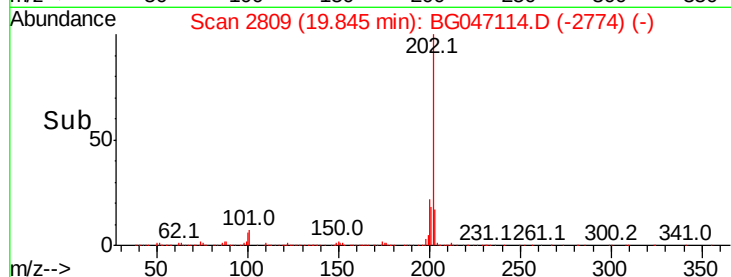
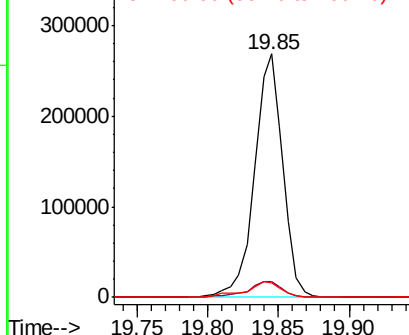
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	5.8	8.6
100	6.0	5.0	7.4

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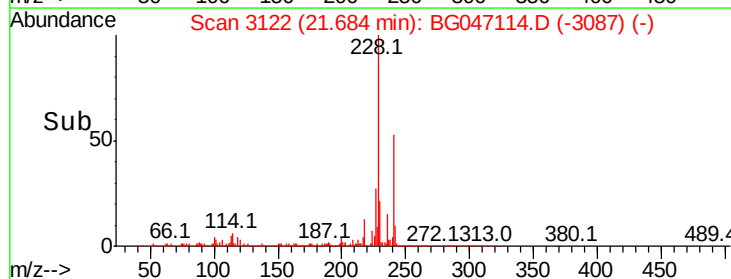
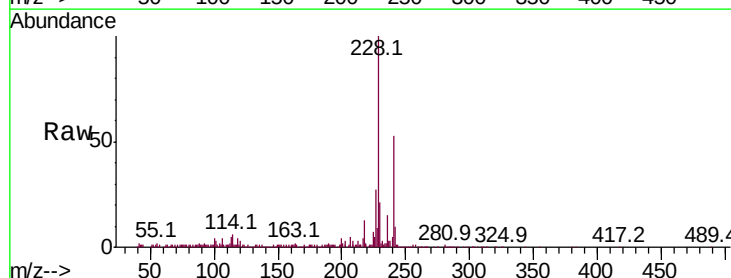
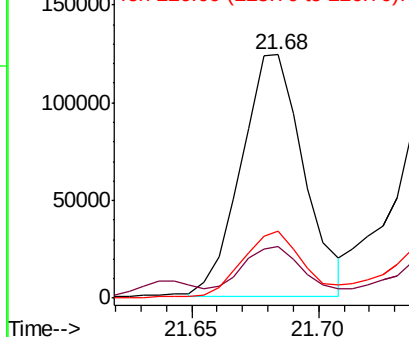
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

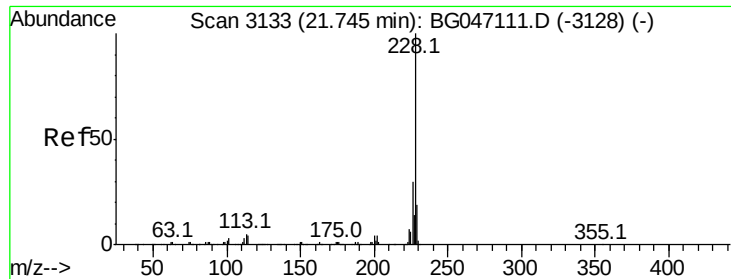


#83
Benzo(a)anthracene
Concen: 7.990 ng/ul
RT: 21.68 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	16.0	24.0
226	27.4	20.8	31.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





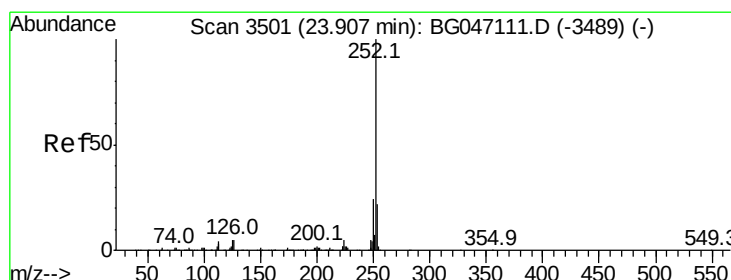
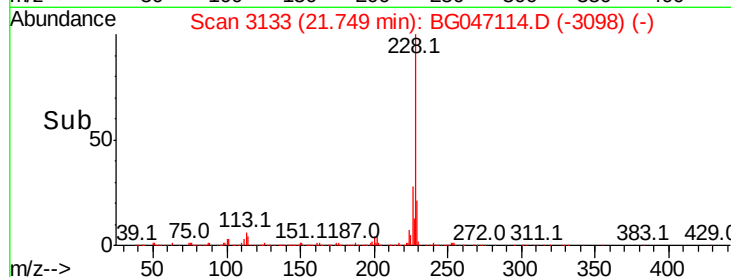
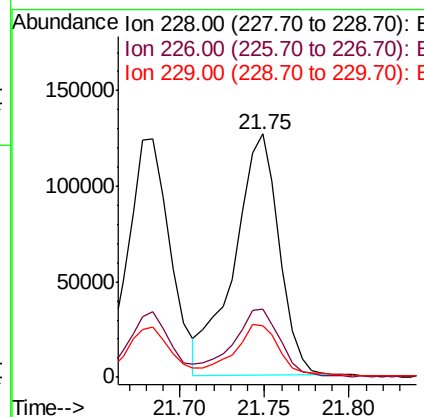
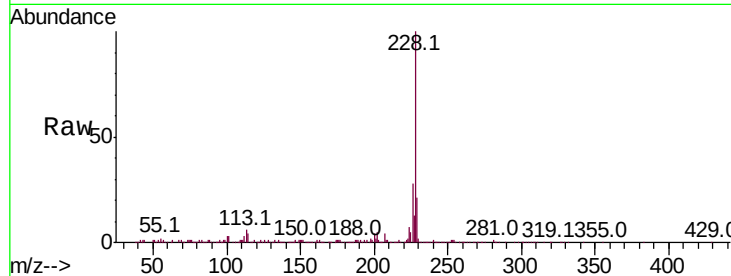
#85
Chrysene
Concen: 9.067 ng/ul
RT: 21.75 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Instrument :
BNA_G
ClientSampleId :
EW2B5

Tot Ion:	228	Resp:	233264
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.8	34.2
229	21.4	16.2	24.2

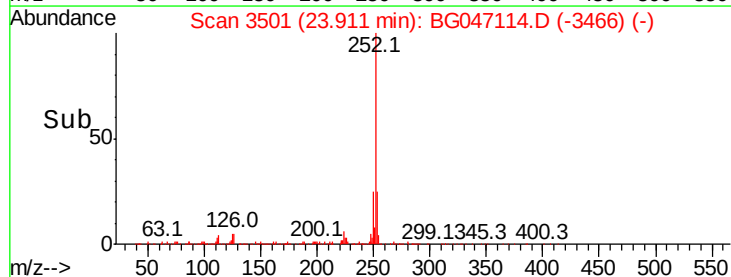
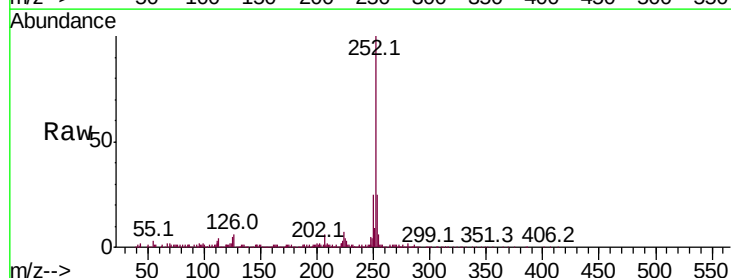
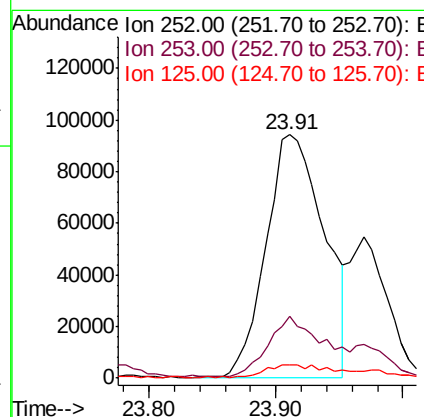
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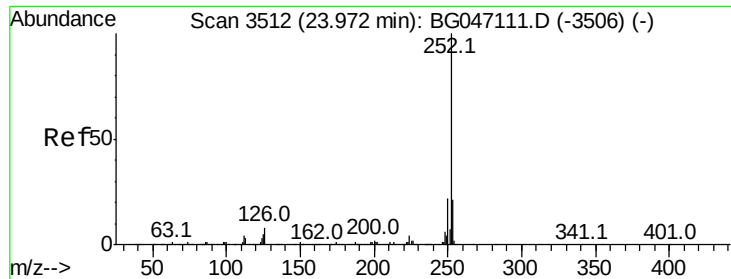
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#88
Benzo(b)fluoranthene
Concen: 11.227 ng/ul
RT: 23.91 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Tgt Ion:	252	Resp:	300933
Ion Ratio	Lower	Upper	
252	100		
253	25.4	18.4	27.6
125	5.3	4.2	6.4





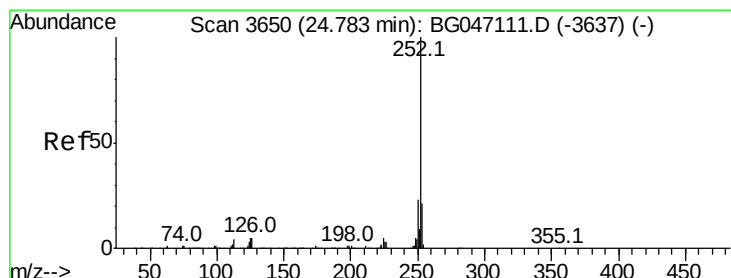
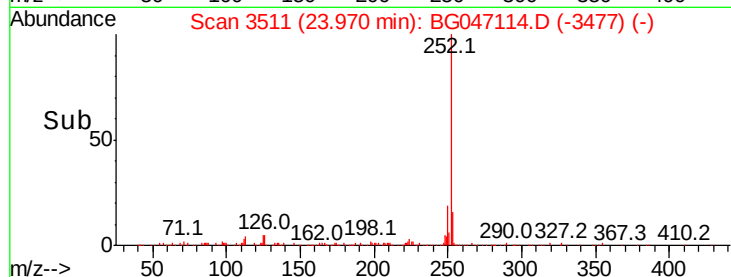
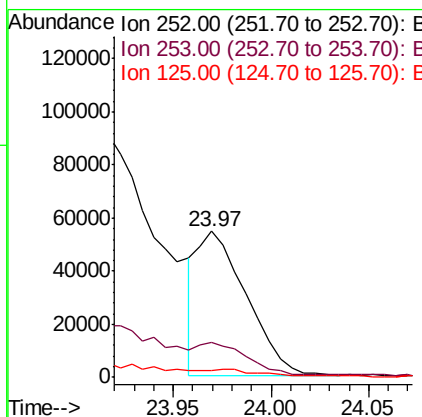
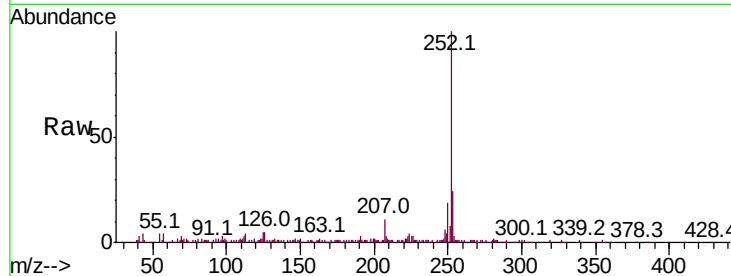
#89
Benzo(k)fluoranthene
Concen: 3.648 ng/ul
RT: 23.97 min Scan# 3511
Delta R.T. -0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Instrument :
BNA_G
ClientSampleId :
EW2B5

Tot Ion:	252	Resp:	94745
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.0	25.6
125	4.8	4.2	6.2

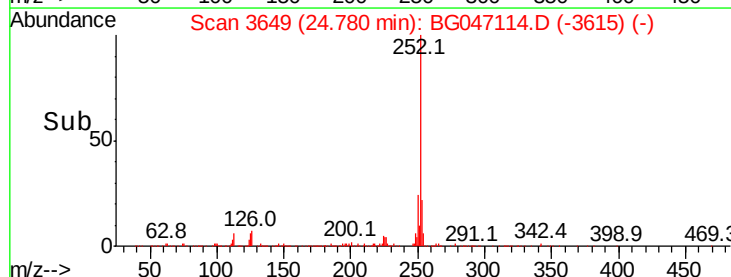
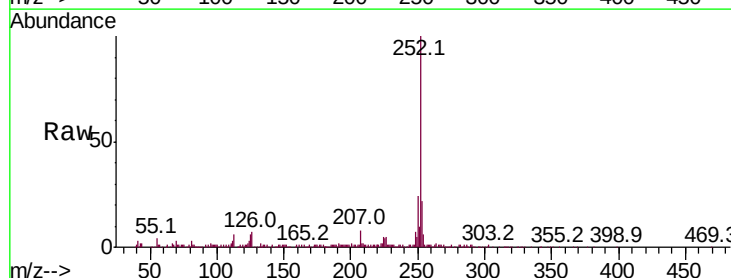
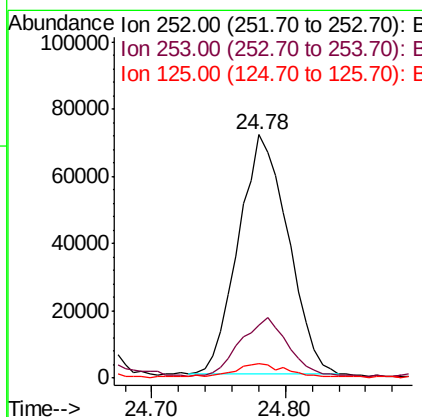
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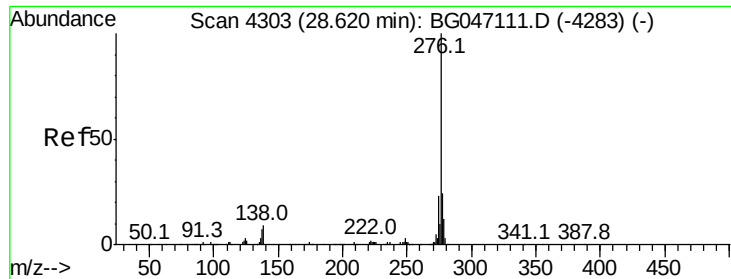
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#91
Benzo(a)pyrene
Concen: 7.642 ng/ul
RT: 24.78 min Scan# 3649
Delta R.T. -0.00 min
Lab File: BG047114.D
Acq: 29 Oct 2020 11:01

Tgt Ion:	252	Resp:	184463
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	6.0	4.7	7.1





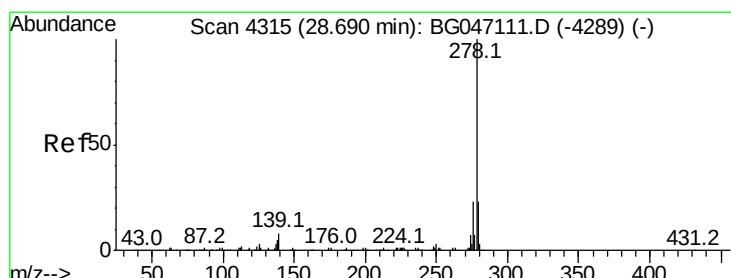
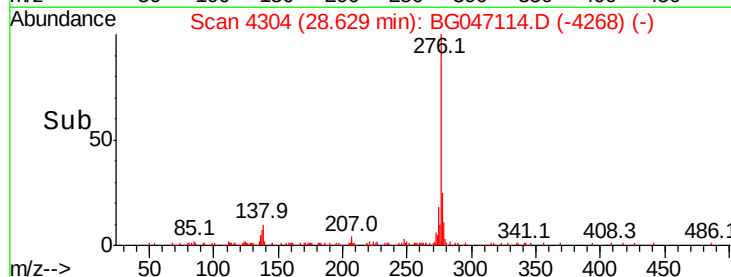
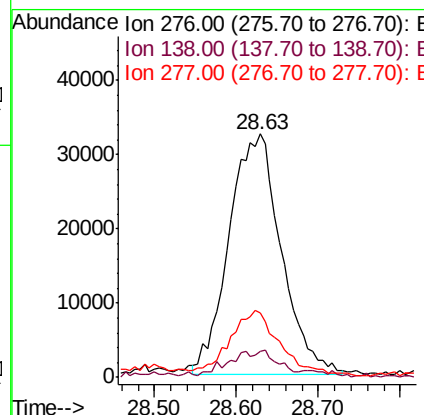
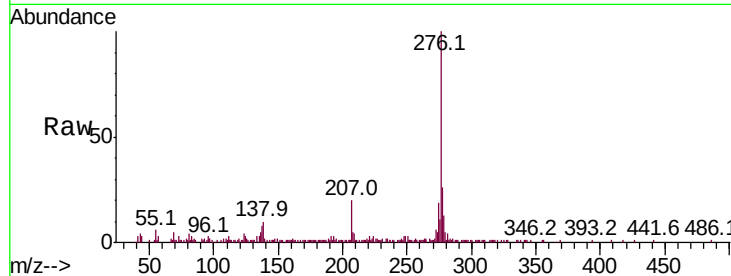
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 4.810 ng/ul
 RT: 28.63 min Scan# 4304
 Delta R.T. 0.01 min
 Lab File: BG047114.D
 Acq: 29 Oct 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 EW2B5

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.5	7.2	10.8
277	26.4	18.4	27.6

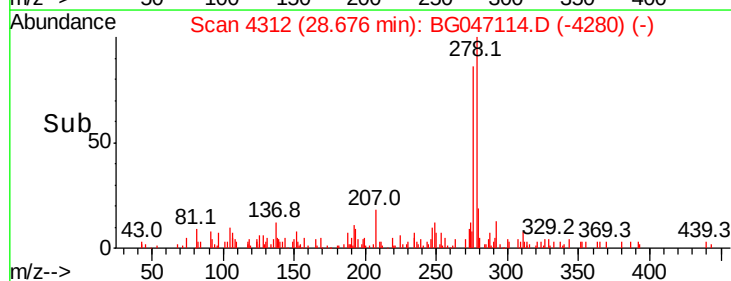
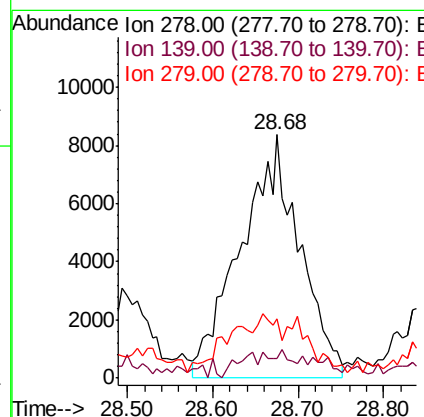
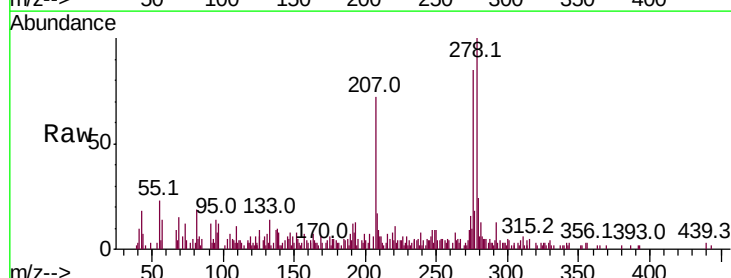
Manual Integrations
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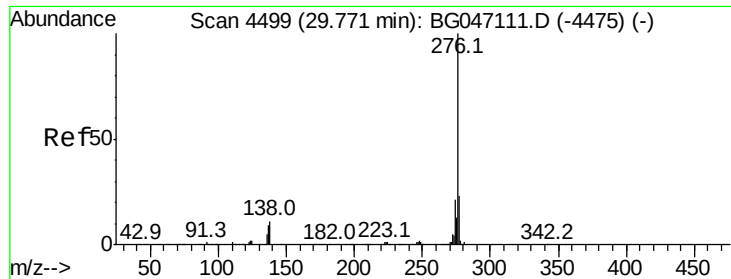
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.653 ng/ul m
 RT: 28.68 min Scan# 4312
 Delta R.T. -0.01 min
 Lab File: BG047114.D
 Acq: 29 Oct 2020 11:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.3	9.5
279	24.4	18.6	28.0





#94
 Benzo(a,h,i)perylene
 Concen: 5.163 ng/ul m
 RT: 29.79 min Scan# 4501
 Delta R.T. 0.02 min
 Lab File: BG047114.D
 Acq: 29 Oct 2020 11:01

Instrument :
 BNA_G
 ClientSampleId :
 EW2B5

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	8.8	13.2#
277	21.8	17.7	26.5

Manual Integrations
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