

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047646.D
 Acq On : 8 Dec 2020 11:37
 Operator : CG/JU
 Sample : L4862-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BH4

Manual Integrations
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 12/9/2020 12:19:37 PM

Quant Time: Dec 08 15:01:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28139	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	109773	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	84361	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.58	188	201967m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	177390	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	188025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	3295m	6.24	ng/uL	0.00
5) Phenol-d5	7.35	99	98976	41.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	51000	41.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	72598	39.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	77605	40.60	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	39015	43.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	48958	45.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	98444	42.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	102421	47.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	310264	42.34	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	380666	45.49	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	45732	42.08	ng/ul	0.00
58) Fluorene-d10	15.82	176	297229	44.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	50935m	37.26	ng/ul	0.00
71) Anthracene-d10	17.68	188	459624	45.63	ng/ul	0.00
79) Pyrene-d10	19.94	212	474018	45.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	481335	43.83	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.38	94	7030	3.090	ng/ul#	77
45) Dimethylphthalate	14.27	163	57354	7.727	ng/ul	100
70) Phenanthrene	17.62	178	41138m	3.758	ng/ul	
77) Fluoranthene	19.61	202	119804m	8.601	ng/ul	
80) Pyrene	19.97	202	91274	7.075	ng/ul#	95
83) Benzo(a)anthracene	21.83	228	54451	4.296	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.71	149	8342	1.385	ng/ul	95
85) Chrysene	21.89	228	58491m	4.890	ng/ul	
88) Benzo(b)fluoranthene	24.14	252	84639	6.448	ng/ul	94
89) Benzo(k)fluoranthene	24.20	252	25961	1.996	ng/ul#	96
91) Benzo(a)pyrene	25.06	252	47019	3.972	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	29.06	276	39686m	2.749	ng/ul	
94) Benzo(g,h,i)perylene	30.27	276	36289m	3.062	ng/ul	

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

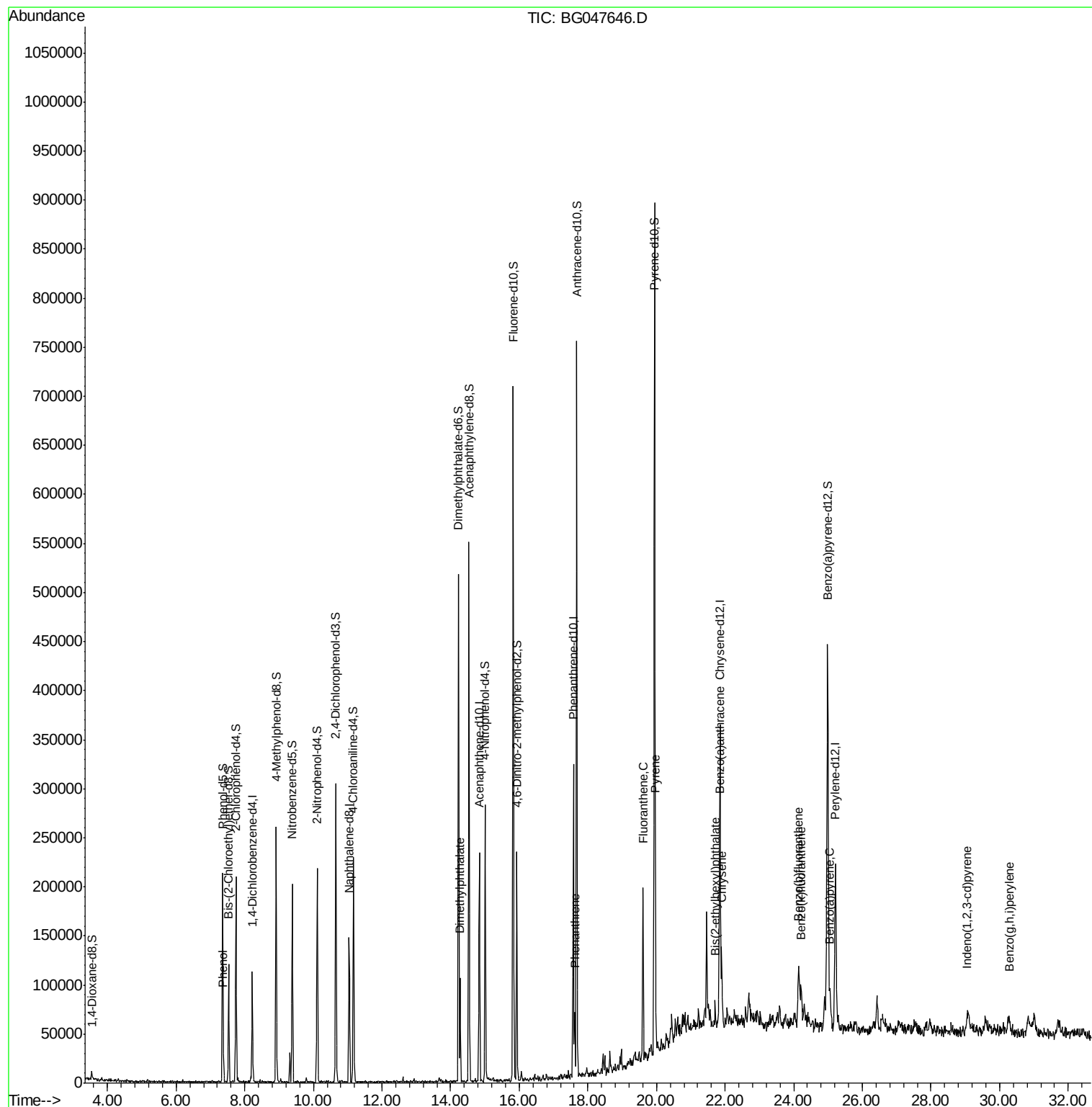
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047646.D
Acq On : 8 Dec 2020 11:37
Operator : CG/JU
Sample : L4862-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

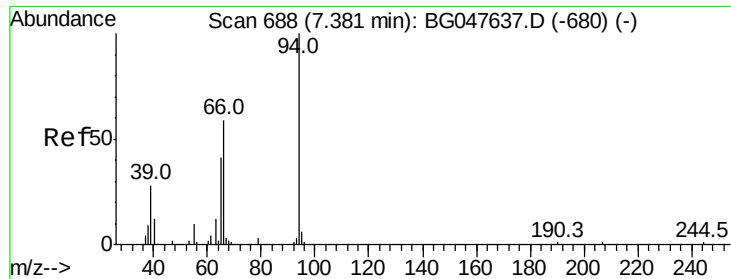
Instrument :
BNA_G
ClientSampleId :
C0BH4

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Quant Time: Dec 08 15:01:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration





#6

Phenol

Concen: 3.090 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

Instrument :

BNA_G

ClientSampled :

C0BH4

Tot Ion: 94 Resp: 7030

Ion Ratio Lower Upper

94 100

65 51.4 35.9 53.9

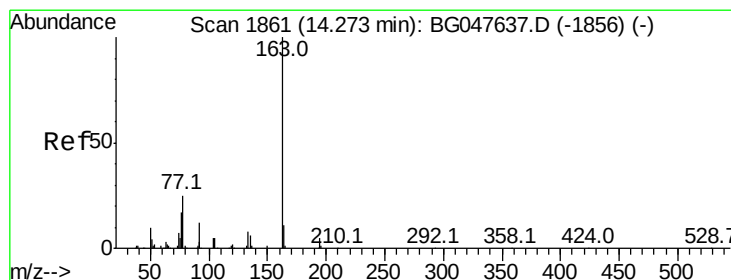
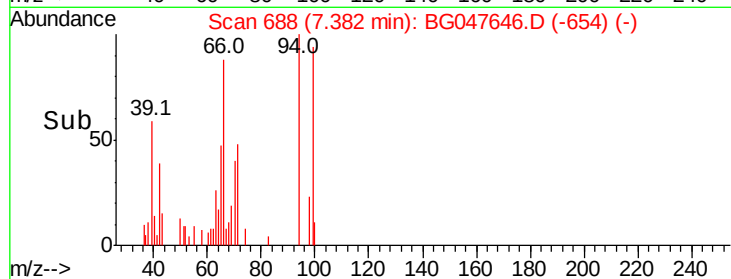
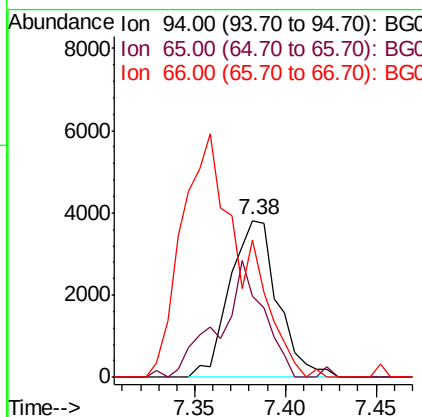
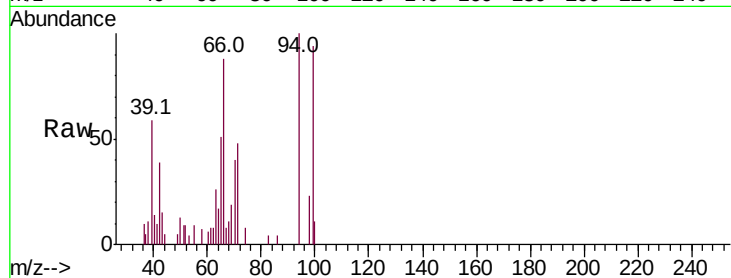
66 87.8 50.1 75.1#

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#45

Dimethylphthalate

Concen: 7.727 ng/ul

RT: 14.27 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

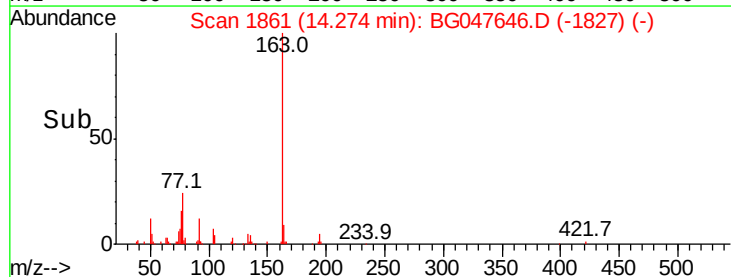
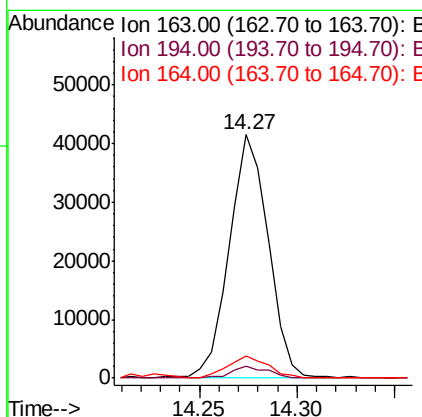
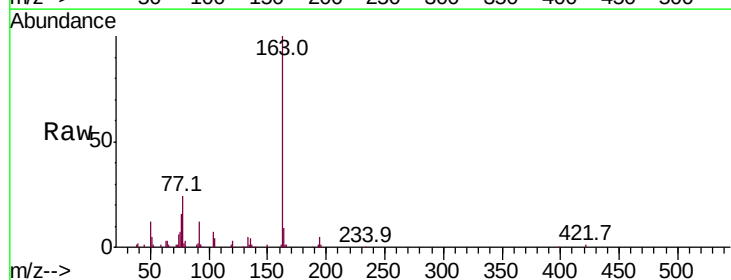
Tgt Ion:163 Resp: 57354

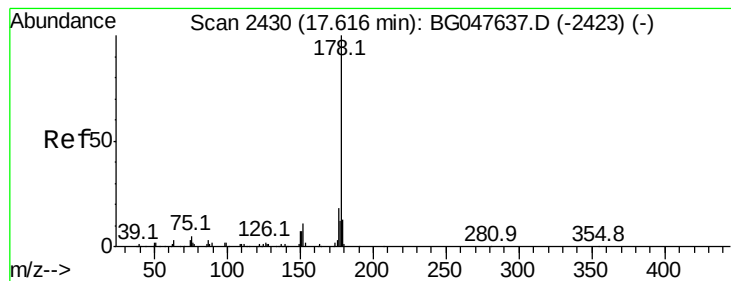
Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

164 9.2 7.4 11.2





#70

Phenanthrene

Concen: 3.758 ng/ul m

RT: 17.62 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

Instrument :

BNA_G

ClientSampleId :

C0BH4

Tot Ion:178 Resp: 41138

Ion Ratio Lower Upper

178 100

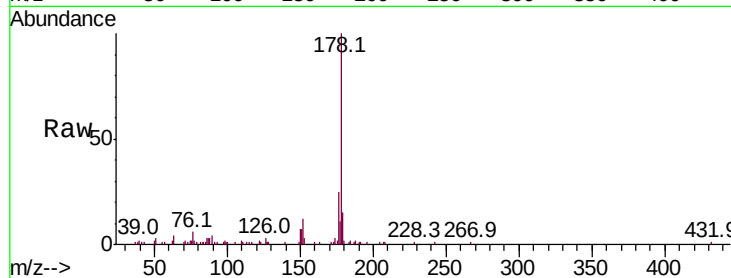
179 15.4 11.6 17.4

176 24.9 15.8 23.8#

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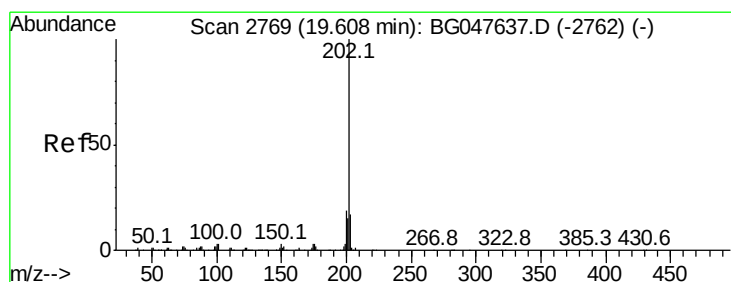
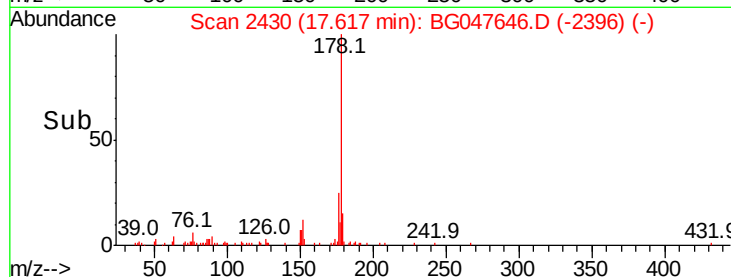
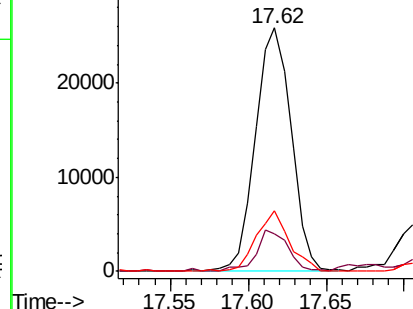
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 8.601 ng/ul m

RT: 19.61 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

Tgt Ion:202 Resp: 119804

Ion Ratio Lower Upper

202 100

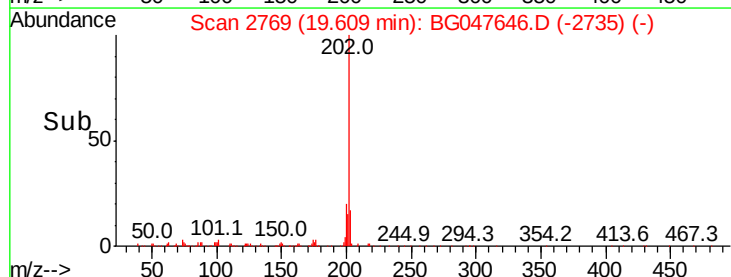
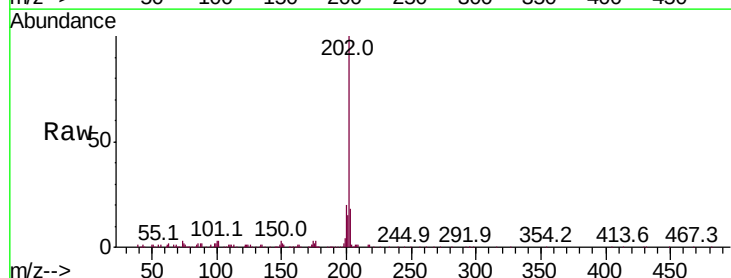
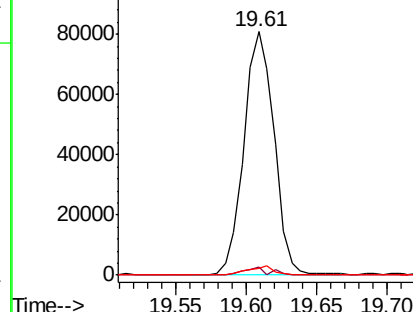
101 3.2 2.4 3.6

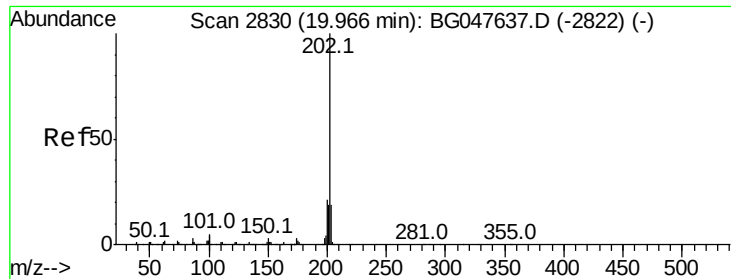
100 2.6 2.6 3.8

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): E





#80

Pvrene

Concen: 7.075 ng/ul

RT: 19.97 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

Instrument :

BNA_G

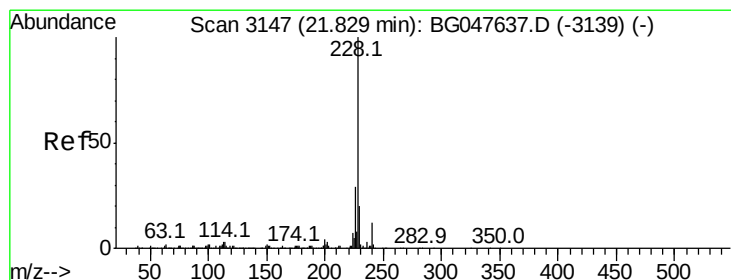
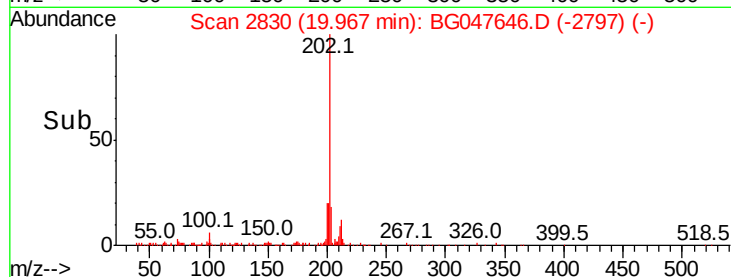
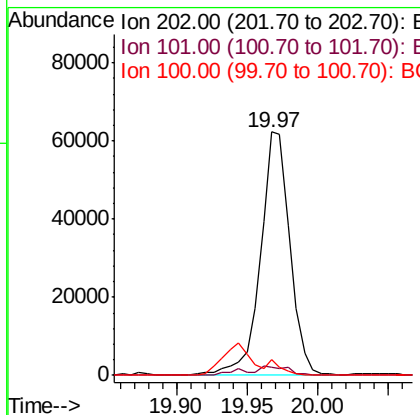
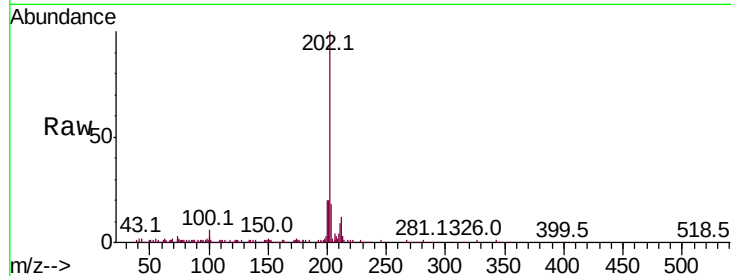
ClientSampleId :

C0BH4

Tot Ion:	202	Resp:	91274
Ion Ratio	Lower	Upper	
202	100		
101	3.1	2.5	3.7
100	6.4	2.4	3.6#

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#83

Benzo(a)anthracene

Concen: 4.296 ng/ul

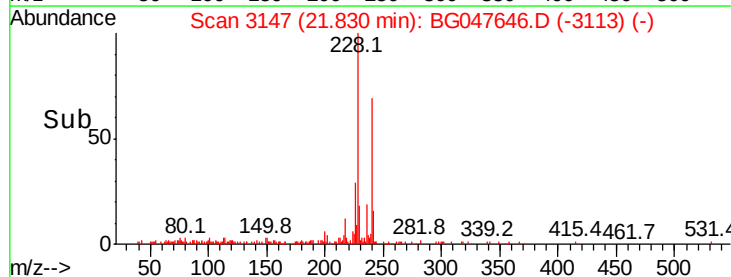
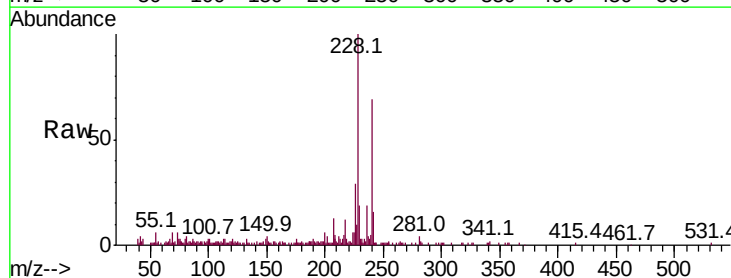
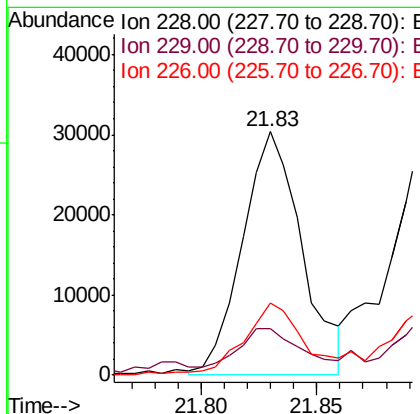
RT: 21.83 min Scan# 3147

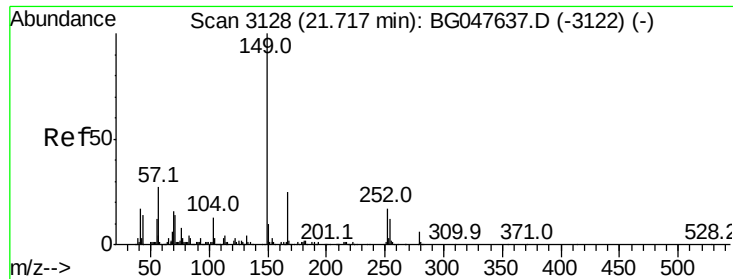
Delta R.T. 0.00 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

Tgt Ion:	228	Resp:	54451
Ion Ratio	Lower	Upper	
228	100		
229	19.0	16.0	24.0
226	29.4	22.4	33.6





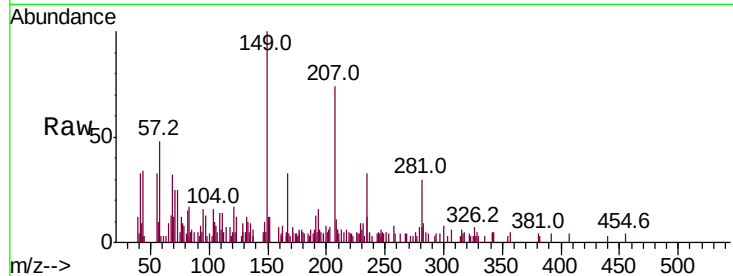
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.385 ng/ul
 RT: 21.71 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BG047646.D
 Acq: 8 Dec 2020 11:37

Instrument :
 BNA_G
 ClientSampleId :
 C0BH4

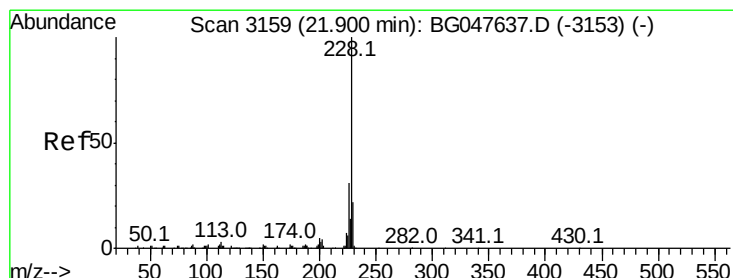
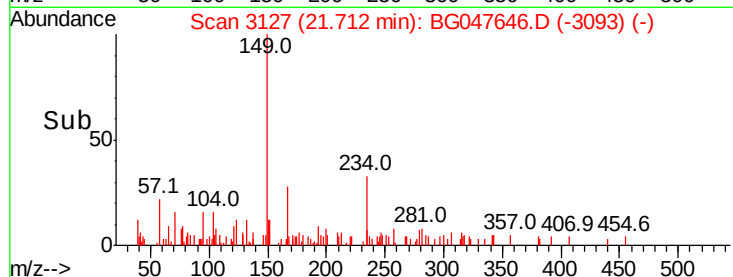
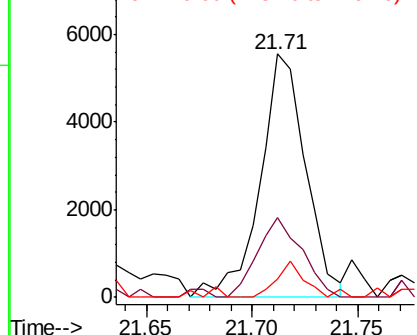
Tot Ion	Ratio	Lower	Upper
149	100		
167	32.5	23.8	35.6
279	7.4	5.3	7.9

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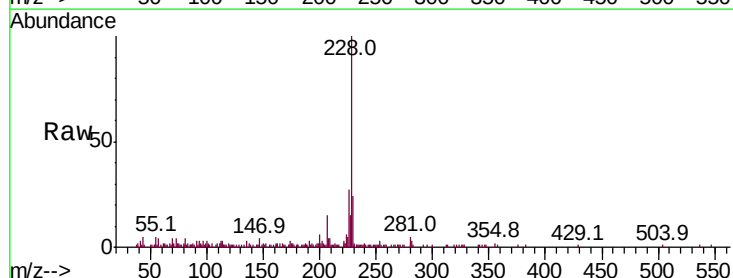


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

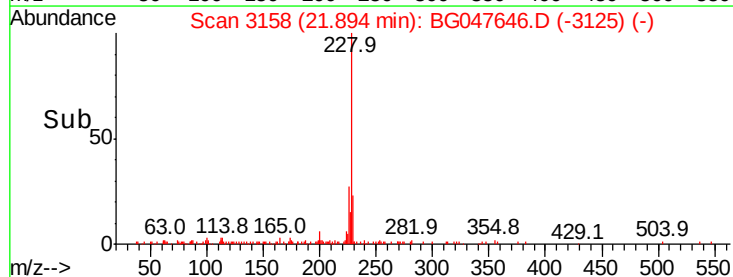
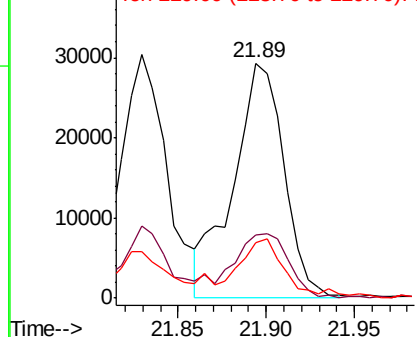


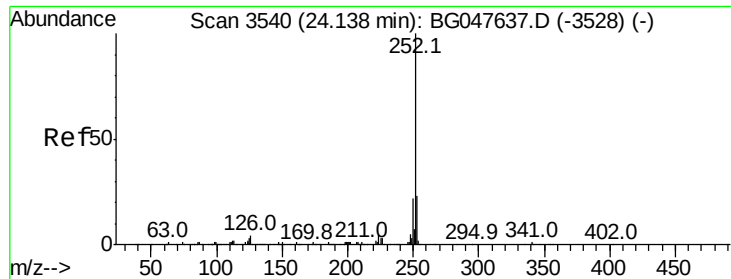
#85
 Chrysene
 Concen: 4.890 ng/ul m
 RT: 21.89 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG047646.D
 Acq: 8 Dec 2020 11:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.0	34.4
229	23.5	15.8	23.8



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





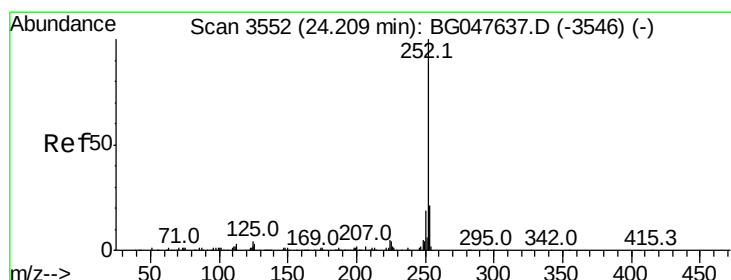
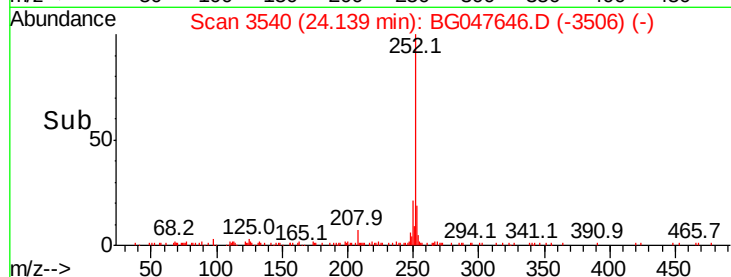
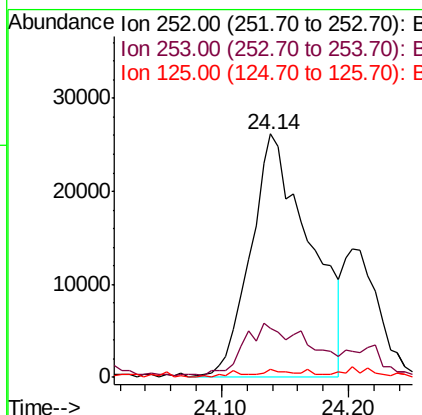
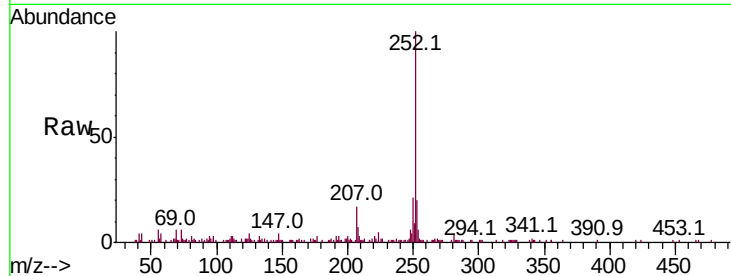
#88
Benzo(b)fluoranthene
Concen: 6.448 ng/ul
RT: 24.14 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG047646.D
Acq: 8 Dec 2020 11:37

Instrument :
BNA_G
ClientSampleId :
C0BH4

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.7	28.1
125	3.5	2.6	3.8

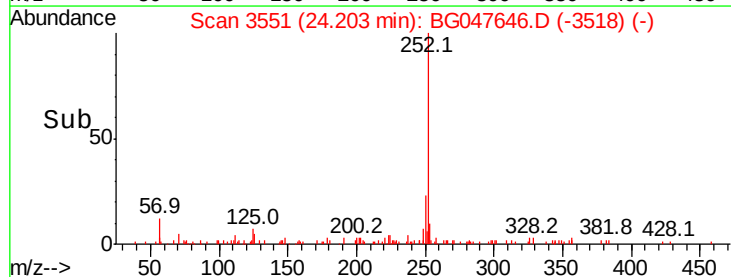
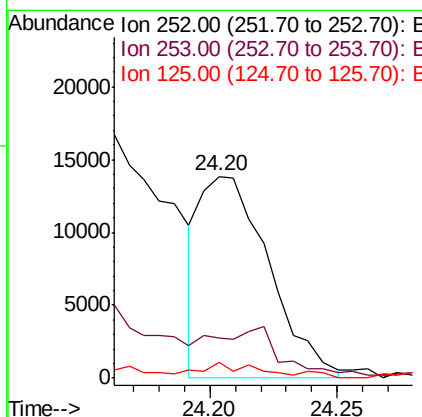
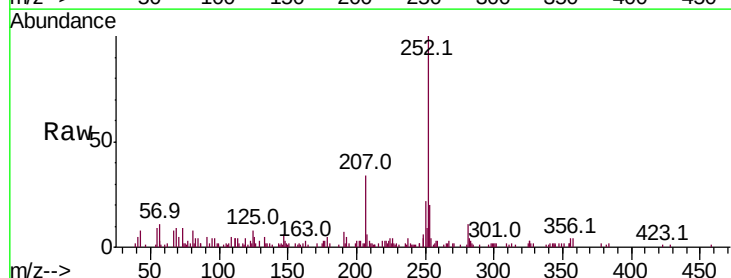
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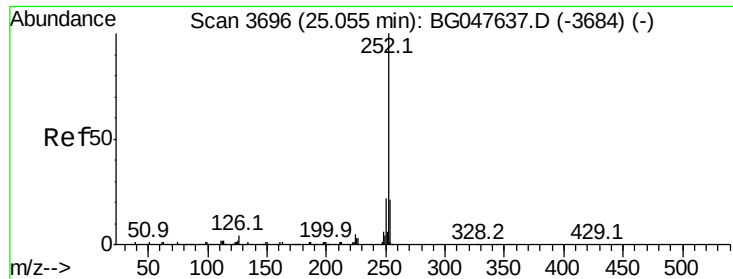
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#89
Benzo(k)fluoranthene
Concen: 1.996 ng/ul
RT: 24.20 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG047646.D
Acq: 8 Dec 2020 11:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	16.9	25.3
125	8.1	2.2	3.4#





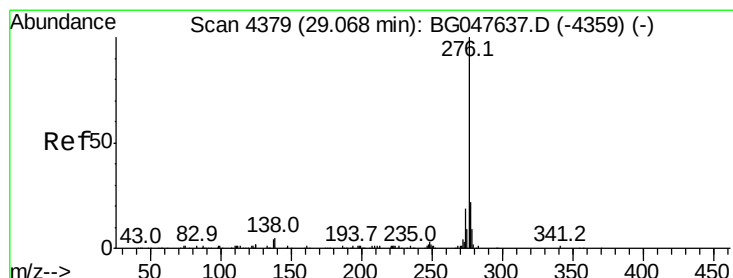
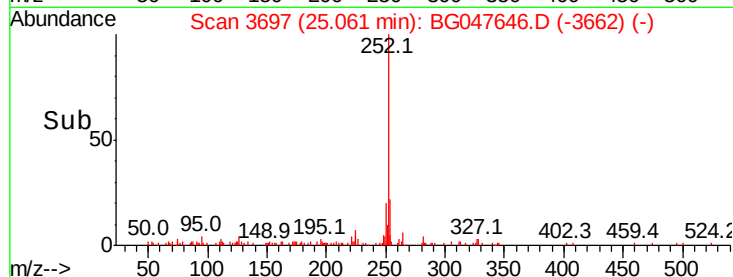
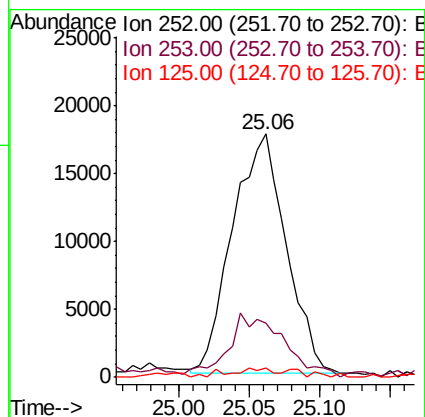
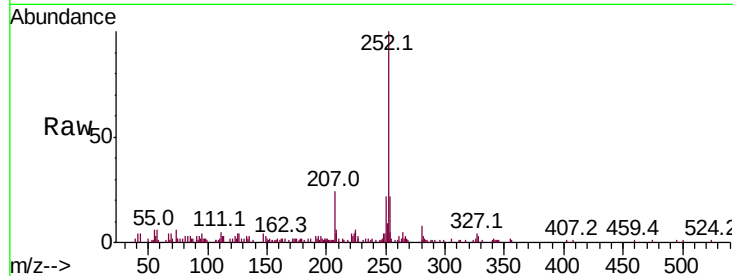
#91
Benzo(a)pyrene
Concen: 3.972 ng/ul
RT: 25.06 min Scan# 3697
Delta R.T. 0.01 min
Lab File: BG047646.D
Acq: 8 Dec 2020 11:37

Instrument :
BNA_G
ClientSampleId :
C0BH4

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.9	25.3
125	3.9	2.6	3.8#

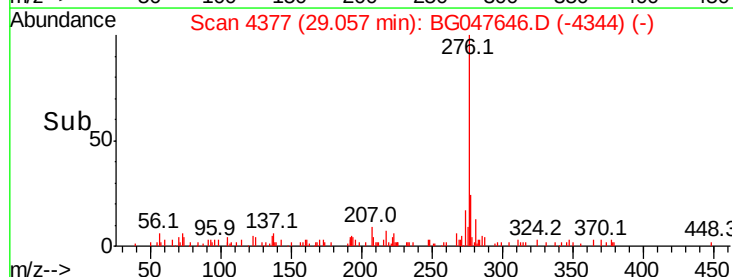
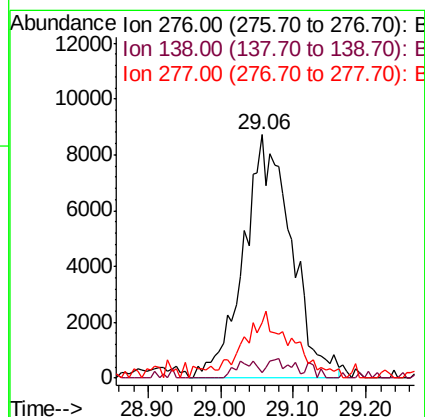
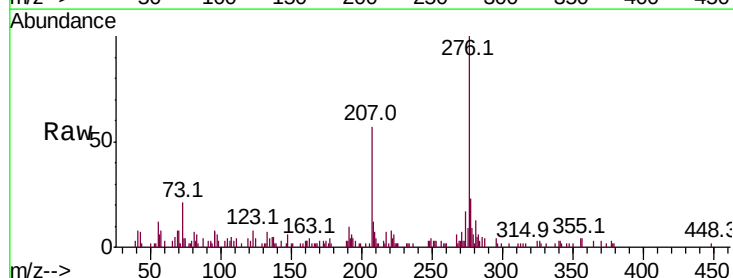
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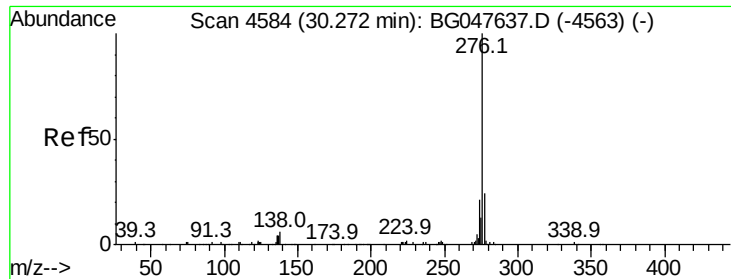
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#92
Indeno(1,2,3-cd)pyrene
Concen: 2.749 ng/ul m
RT: 29.06 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG047646.D
Acq: 8 Dec 2020 11:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.2	3.3	4.9#
277	23.0	18.6	27.8





#94

Benzo(a,h,i)perylene

Concen: 3.062 ng/ul m

RT: 30.27 min Scan# 4583

Delta R.T. -0.01 min

Lab File: BG047646.D

Acq: 8 Dec 2020 11:37

Instrument :

BNA_G

ClientSampleId :

C0BH4

Tot Ion: 276 Resp: 36289

Ion Ratio Lower Upper

276 100

138 3.5 4.7 7.1#

277 17.4 21.9 32.9#

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