

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
 Data File : BG056876.D
 Acq On : 8 Mar 2023 10:50
 Operator : CG/JU
 Sample : PB151256BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK256

Quant Time: Mar 08 13:28:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 07 23:54:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

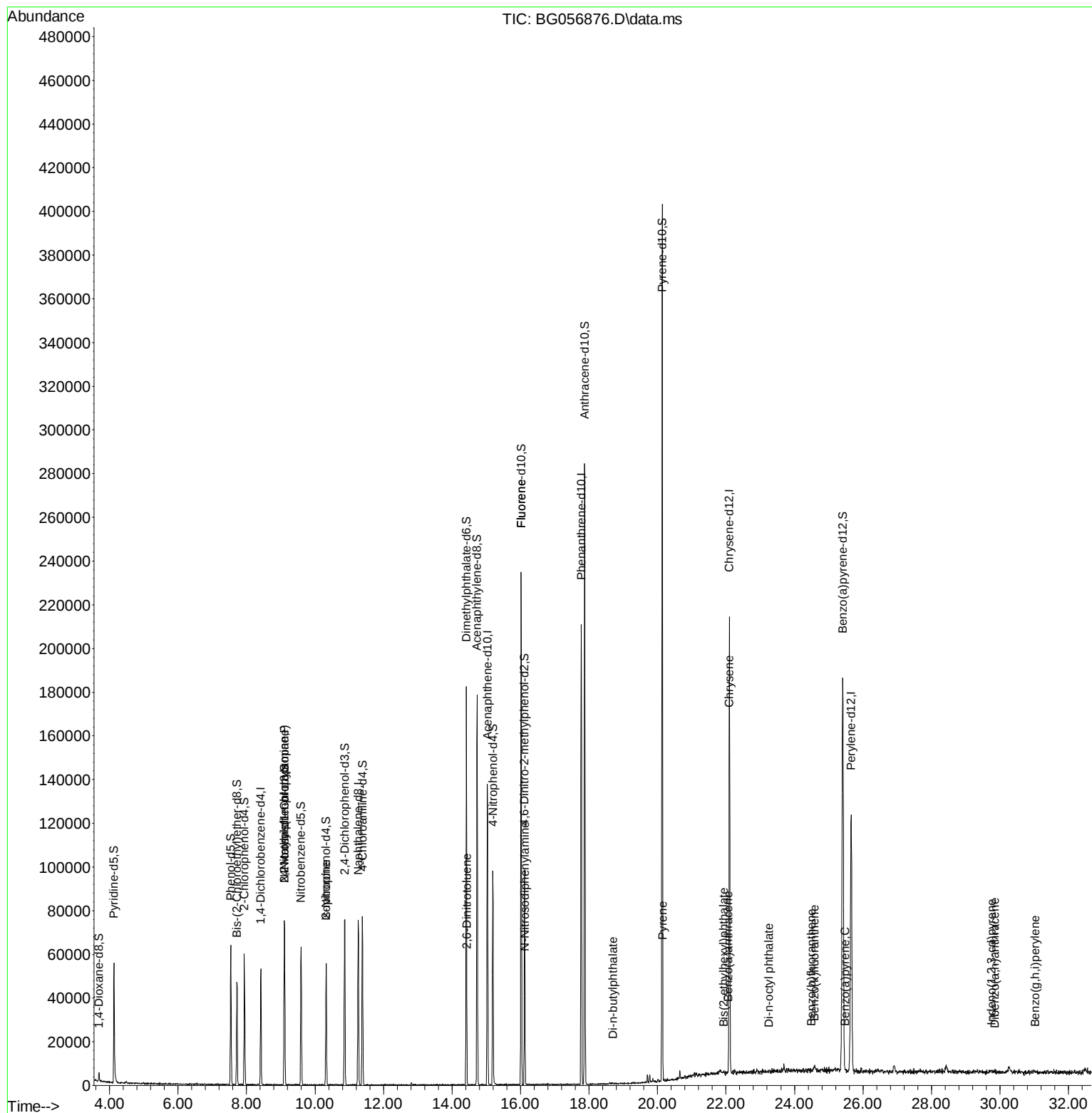
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	14516	20.000	ng/ul	0.00
20) Naphthalene-d8	11.261	136	59344	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.033	164	48500	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.777	188	139480	20.000	ng/ul	0.00
79) Chrysene-d12	22.101	240	141835	20.000	ng/ul	0.00
88) Perylene-d12	25.656	264	147904	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.693	96	2204	5.888	ng/uL	0.00
4) Pyridine-d5	4.128	84	32273	26.503	ng/ul	0.00
7) Phenol-d5	7.542	99	37200	25.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.718	67	23899	25.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.941	132	24633	26.455	ng/ul	0.00
15) 4-Methylphenol-d8	9.104	113	26408	23.524	ng/ul	0.00
21) Nitrobenzene-d5	9.592	128	13418	27.261	ng/ul	0.00
24) 2-Nitrophenol-d4	10.326	143	15848	27.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.867	165	28153	24.961	ng/ul	0.00
31) 4-Chloroaniline-d4	11.384	131	38017	25.581	ng/ul	0.00
46) Dimethylphthalate-d6	14.416	166	113278	27.306	ng/ul	0.00
49) Acenaphthylene-d8	14.733	160	118626	26.043	ng/ul	0.00
54) 4-Nitrophenol-d4	15.191	143	20619	29.332	ng/ul	0.00
60) Fluorene-d10	16.020	176	98469	25.597	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.120	200	25172	24.971	ng/ul	0.00
73) Anthracene-d10	17.871	188	178147	26.427	ng/ul	0.00
81) Pyrene-d10	20.139	212	235749	27.288	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.409	264	216413	26.722	ng/ul	0.00
Target Compounds						
					Qvalue	
14) 2,2'-oxybis(1-Chloropr...	9.110	45	169	0.116	ng/ul#	63
17) N-Nitroso-di-n-propyla...	9.110	70	872	0.780	ng/ul#	1
23) Isophorone	10.321	82	1849	0.617	ng/ul#	68
48) 2,6-Dinitrotoluene	14.433	165	198	0.235	ng/ul#	26
61) Fluorene	16.020	166	159	0.041	ng/ul#	8
67) N-Nitrosodiphenylamine	16.131	169	71	0.019	ng/ul#	24
78) Di-n-butylphthalate	18.693	149	309	0.041	ng/ul#	77
82) Pyrene	20.156	202	126	0.012	ng/ul#	1
85) Benzo(a)anthracene	22.072	228	119	0.011	ng/ul#	53
86) Bis(2-ethylhexyl)phtha...	21.931	149	329	0.067	ng/ul#	55
87) Chrysene	22.089	228	276	0.029	ng/ul#	50
89) Di-n-octyl phthalate	23.253	149	320	0.040	ng/ul	100
90) Benzo(b)fluoranthene	24.498	252	325	0.032	ng/ul#	60
91) Benzo(k)fluoranthene	24.586	252	439	0.045	ng/ul#	61
93) Benzo(a)pyrene	25.473	252	364	0.042	ng/ul#	60
94) Indeno(1,2,3-cd)pyrene	29.751	276	53	0.004	ng/ul#	57
95) Dibenzo(a,h)anthracene	29.845	278	54	0.006	ng/ul#	56
96) Benzo(g,h,i)perylene	31.032	276	31	0.003	ng/ul#	62

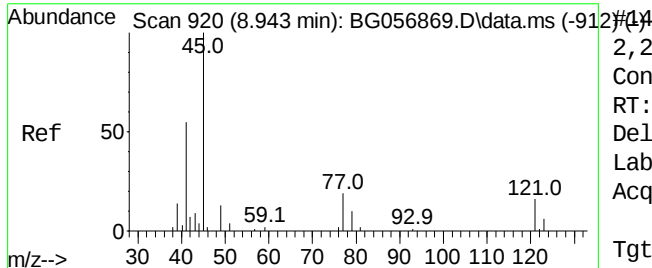
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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2,2'-oxybis(1-chloropropane)

Concen: 0.116 ng/ul

RT: 9.110 min Scan# 948

Delta R.T. 0.167 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256

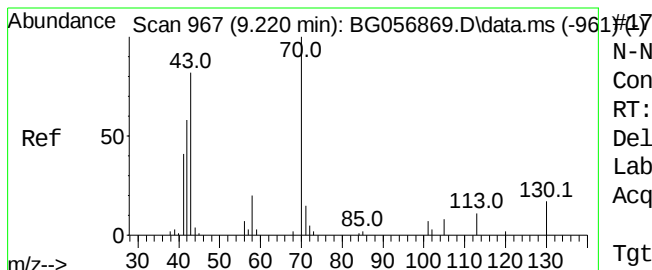
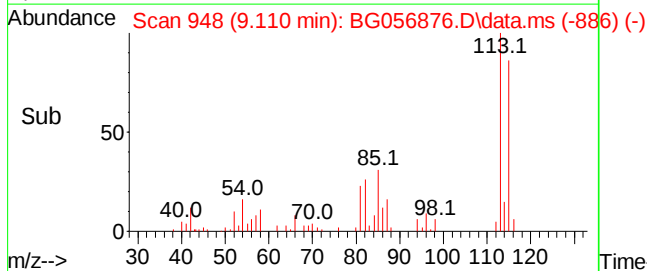
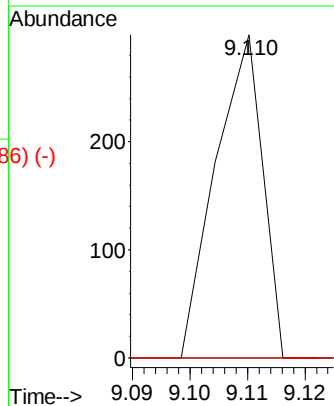
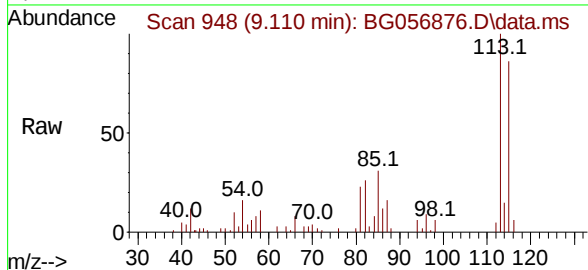
Tgt Ion: 45 Resp: 169

Ion Ratio Lower Upper

45 100

77 0.0 15.0 22.4#

79 0.0 8.3 12.5#



N-Nitroso-di-n-propylamine

Concen: 0.780 ng/ul

RT: 9.110 min Scan# 948

Delta R.T. -0.109 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Tgt Ion: 70 Resp: 872

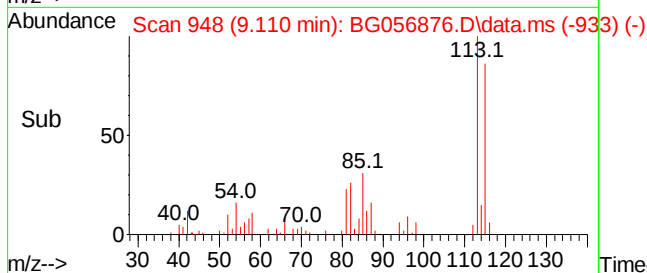
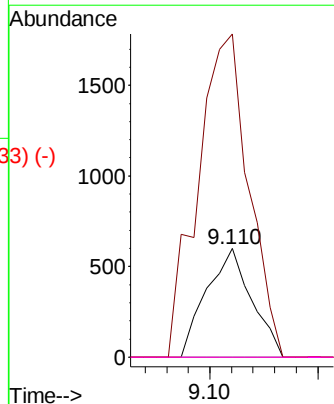
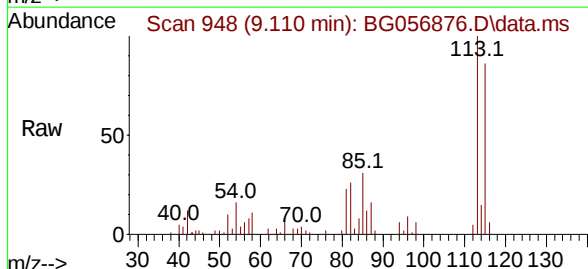
Ion Ratio Lower Upper

70 100

42 297.7 47.8 71.6#

101 0.0 5.4 8.2#

130 0.0 13.8 20.8#



Abundance Scan 1127 (10.160 min): BG056869.D\data.ms (-1#29) (-)

Isophorone

Concen: 0.617 ng/ul

RT: 10.321 min Scan# 1127

Delta R.T. 0.161 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256

Tgt Ion: 82 Resp: 1849

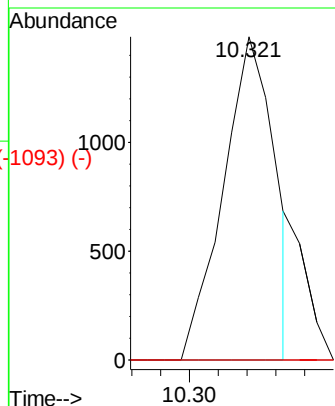
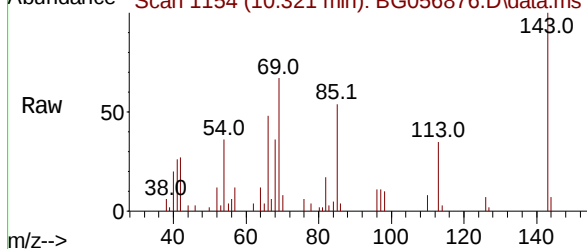
Ion Ratio Lower Upper

82 100

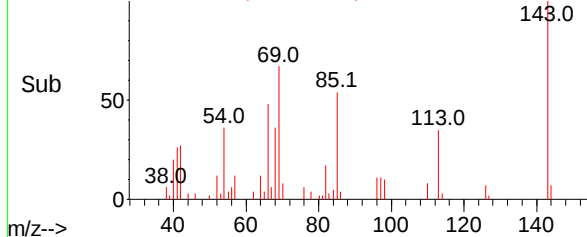
95 0.0 6.1 9.1#

138 0.0 12.6 18.8#

Abundance Scan 1154 (10.321 min): BG056876.D\data.ms



Abundance Scan 1154 (10.321 min): BG056876.D\data.ms (-1093) (-)



Abundance Scan 1882 (14.596 min): BG056869.D\data.ms (-1#45) (-)

2,6-Dinitrotoluene

Concen: 0.235 ng/ul

RT: 14.433 min Scan# 1854

Delta R.T. -0.162 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Tgt Ion: 165 Resp: 198

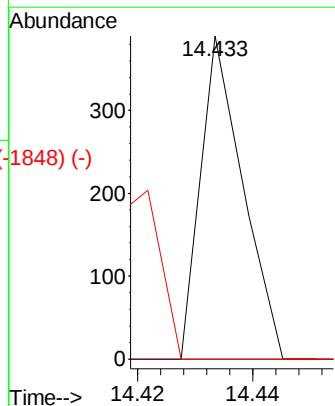
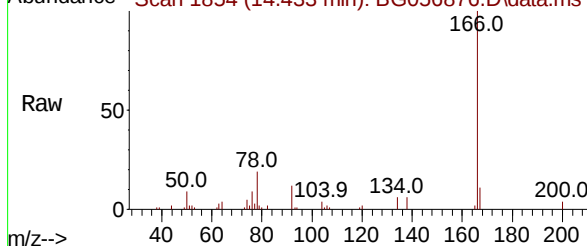
Ion Ratio Lower Upper

165 100

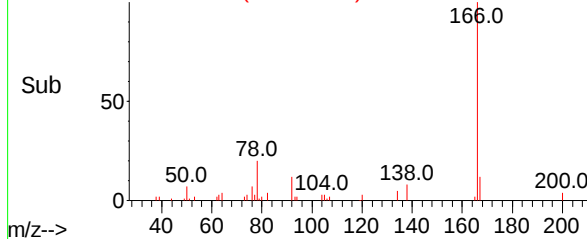
89 0.0 53.7 80.5#

121 0.0 19.8 29.8#

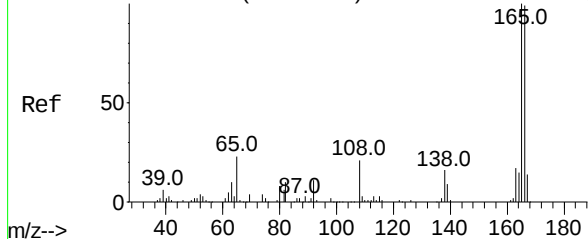
Abundance Scan 1854 (14.433 min): BG056876.D\data.ms



Abundance Scan 1854 (14.433 min): BG056876.D\data.ms (-1848) (-)



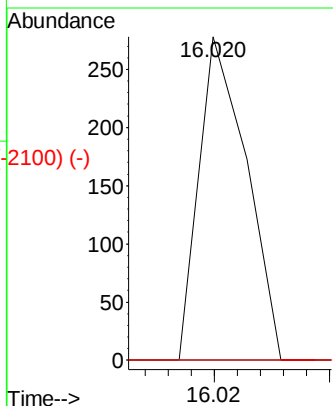
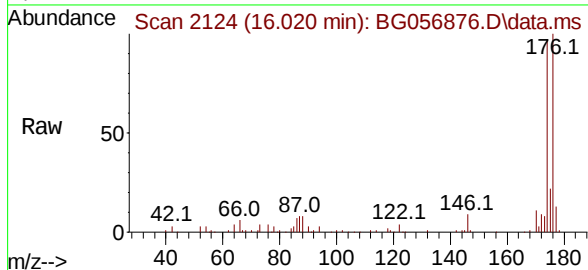
Abundance Scan 2134 (16.076 min): BG056869.D\data.ms (-2134) (-)



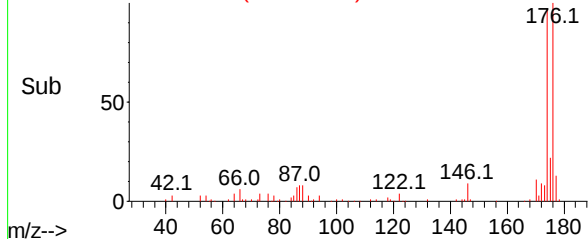
Fluorene
Concen: 0.041 ng/ul
RT: 16.020 min Scan# 2134
Delta R.T. -0.056 min
Lab File: BG056876.D
Acq: 8 Mar 2023 10:50

Instrument :
BNA_G
ClientSampleId :
SBLK256

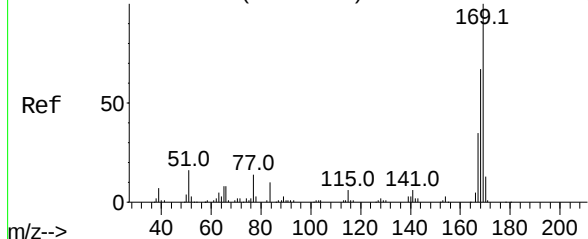
Tgt Ion:166 Resp: 159
Ion Ratio Lower Upper
166 100
165 0.0 80.5 120.7#
167 0.0 11.3 16.9#



Abundance Scan 2124 (16.020 min): BG056876.D\data.ms (-2100) (-)

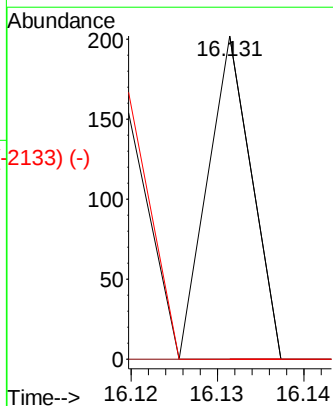
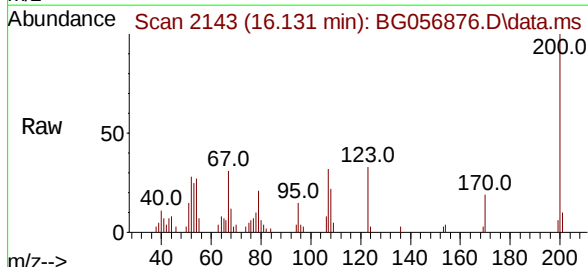


Abundance Scan 2167 (16.270 min): BG056869.D\data.ms (-2167) (-)

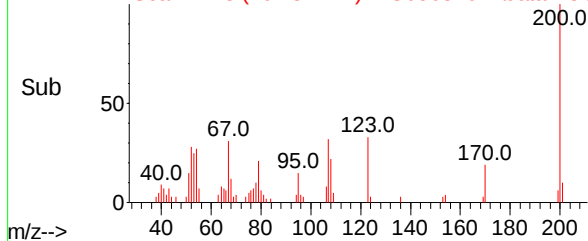


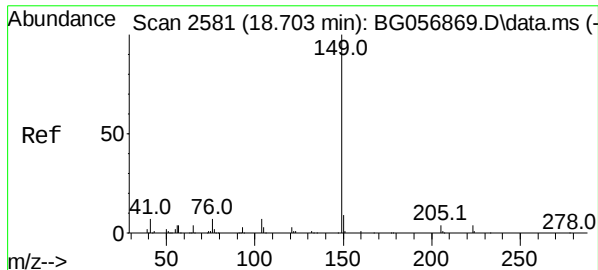
N-Nitrosodiphenylamine
Concen: 0.019 ng/ul
RT: 16.131 min Scan# 2143
Delta R.T. -0.139 min
Lab File: BG056876.D
Acq: 8 Mar 2023 10:50

Tgt Ion:169 Resp: 71
Ion Ratio Lower Upper
169 100
168 0.0 53.9 80.9#
167 0.0 28.2 42.4#



Abundance Scan 2143 (16.131 min): BG056876.D\data.ms (-2133) (-)





Di-n-butylphthalate

Concen: 0.041 ng/ul

RT: 18.693 min Scan# 2579

Delta R.T. -0.009 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256

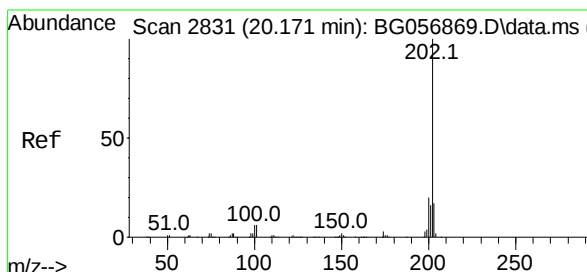
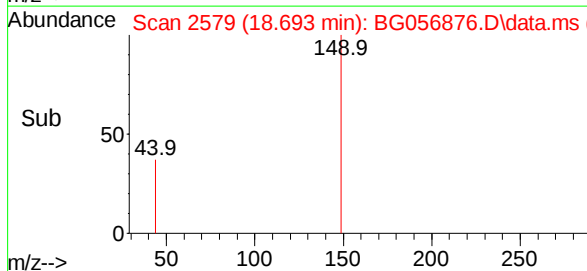
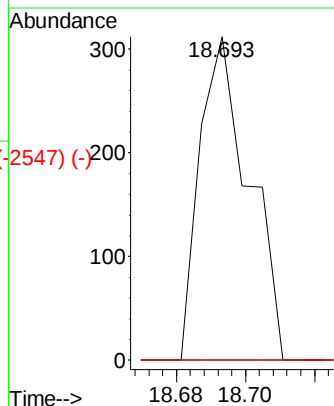
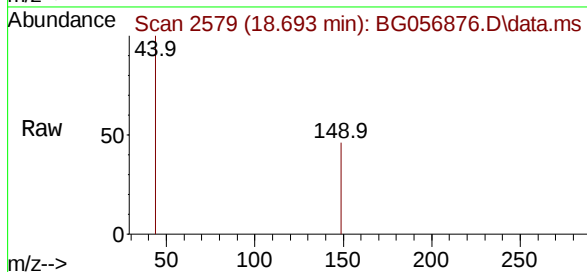
Tgt Ion:149 Resp: 309

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 5.4 8.2#



Pyrene

Concen: 0.012 ng/ul

RT: 20.156 min Scan# 2828

Delta R.T. -0.015 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

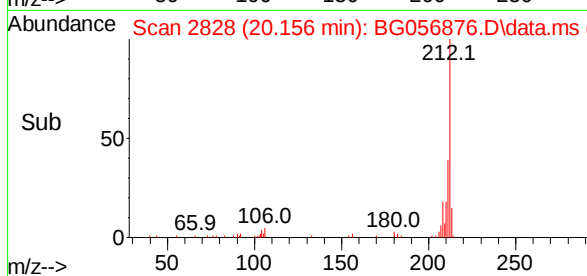
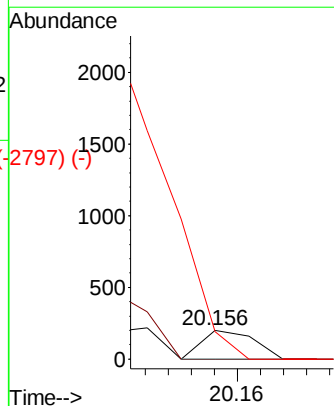
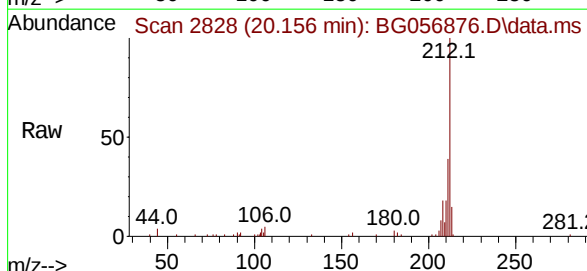
Tgt Ion:202 Resp: 126

Ion Ratio Lower Upper

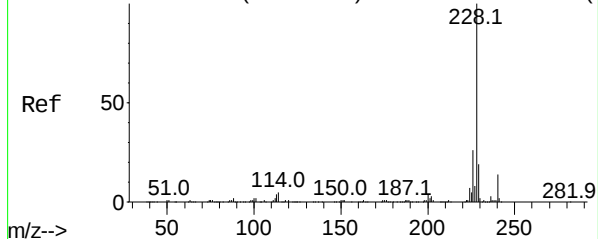
202 100

101 0.0 5.2 7.8#

100 95.0 4.5 6.7#



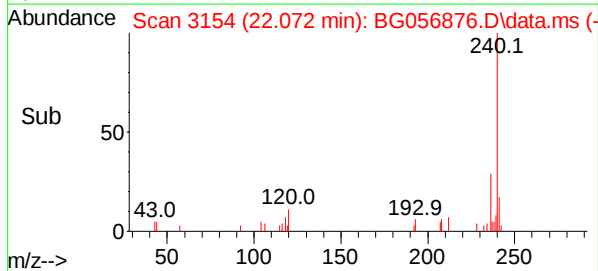
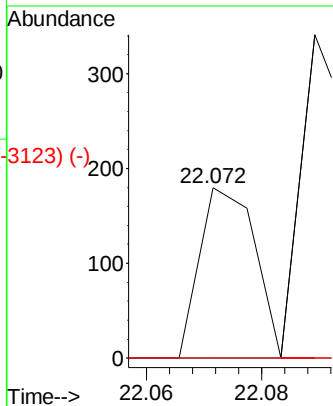
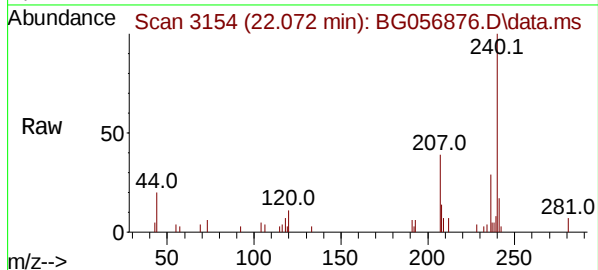
Abundance Scan 3157 (22.087 min): BG056869.D\data.ms (-3185) (-)



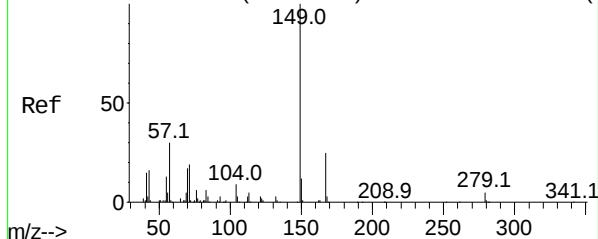
Benzo(a)anthracene
Concen: 0.011 ng/u1
RT: 22.072 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG056876.D
Acq: 8 Mar 2023 10:50

Instrument :
BNA_G
ClientSampleId :
SBLK256

Tgt Ion:	228	Resp:	119
Ion	Ratio	Lower	Upper
228	100		
229	0.0	14.9	22.3#
226	0.0	21.0	31.6#

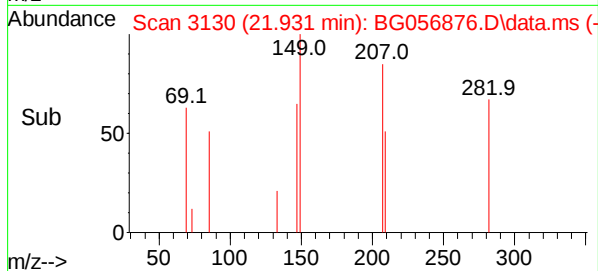
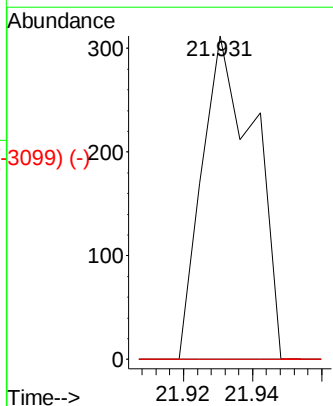
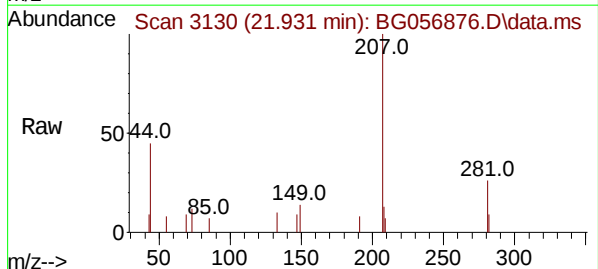


Abundance Scan 3133 (21.946 min): BG056869.D\data.ms (-3126) (-)



Bis(2-ethylhexyl)phthalate
Concen: 0.067 ng/u1
RT: 21.931 min Scan# 3130
Delta R.T. -0.015 min
Lab File: BG056876.D
Acq: 8 Mar 2023 10:50

Tgt Ion:	149	Resp:	329
Ion	Ratio	Lower	Upper
149	100		
167	0.0	20.3	30.5#
279	0.0	4.0	6.0#



Abundance Scan 3169 (22.157 min): BG056869.D\data.ms (-3169) (-)

Chrysene

Concen: 0.029 ng/u1

RT: 22.089 min Scan# 3167

Delta R.T. -0.068 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256

Tgt Ion:228 Resp: 276

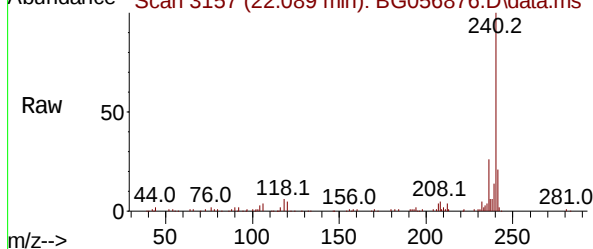
Ion Ratio Lower Upper

228 100

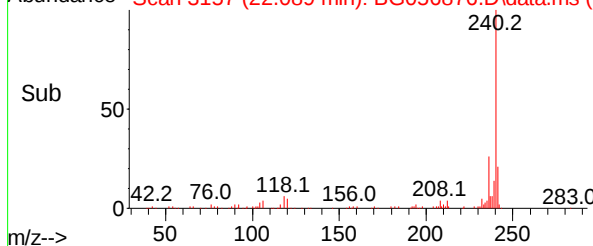
226 0.0 23.3 34.9#

229 0.0 15.8 23.6#

Abundance Scan 3157 (22.089 min): BG056876.D\data.ms



Abundance Scan 3157 (22.089 min): BG056876.D\data.ms (-3135) (-)



Abundance Scan 3358 (23.268 min): BG056869.D\data.ms (-3358) (-)

Di-n-octyl phthalate

Concen: 0.040 ng/u1

RT: 23.253 min Scan# 3355

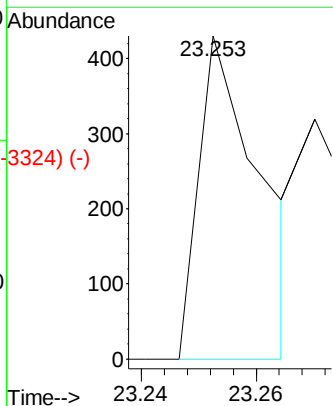
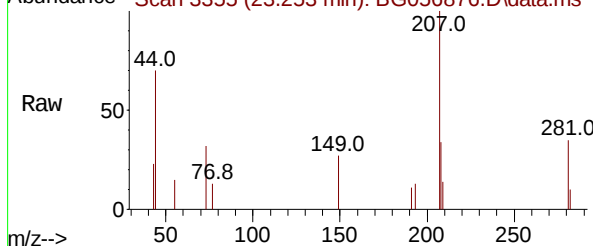
Delta R.T. -0.015 min

Lab File: BG056876.D

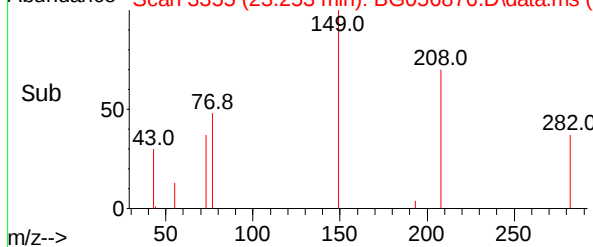
Acq: 8 Mar 2023 10:50

Tgt Ion:149 Resp: 320

Abundance Scan 3355 (23.253 min): BG056876.D\data.ms



Abundance Scan 3355 (23.253 min): BG056876.D\data.ms (-3324) (-)



Abundance Scan 3572 (24.525 min): BG056869.D\data.ms (-3590) (-)

Benzo(b)fluoranthene

Concen: 0.032 ng/u1

RT: 24.498 min Scan# 3572

Delta R.T. -0.027 min

Lab File: BG056876.D

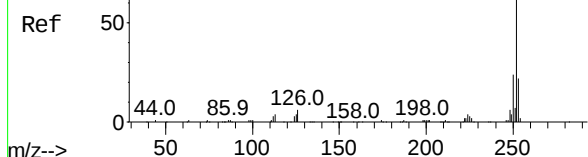
Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256



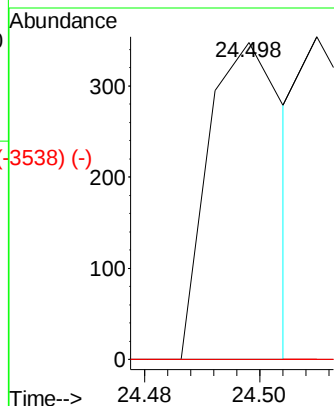
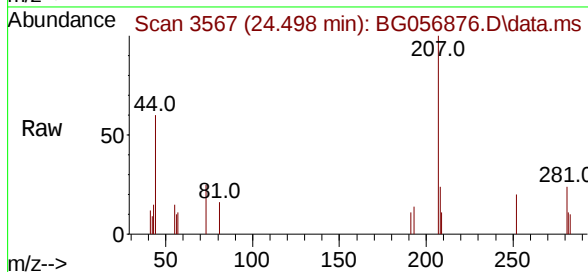
Tgt Ion:252 Resp: 325

Ion Ratio Lower Upper

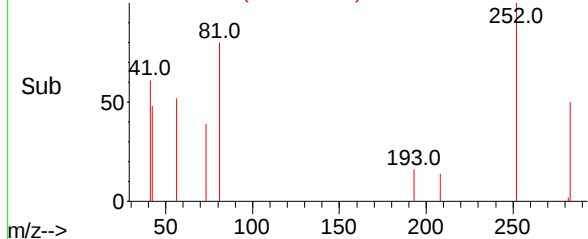
252 100

253 0.0 17.3 25.9#

125 0.0 3.6 5.4#



Abundance Scan 3567 (24.498 min): BG056876.D\data.ms (-3538) (-)



Abundance Scan 3584 (24.596 min): BG056869.D\data.ms (-3591) (-)

Benzo(k)fluoranthene

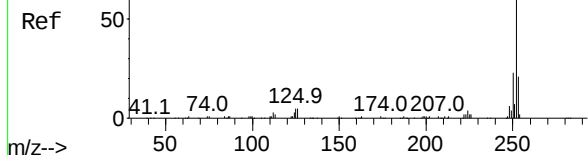
Concen: 0.045 ng/u1

RT: 24.586 min Scan# 3582

Delta R.T. -0.009 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50



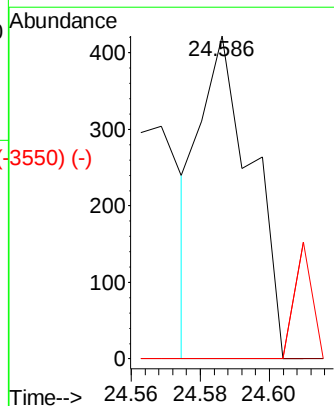
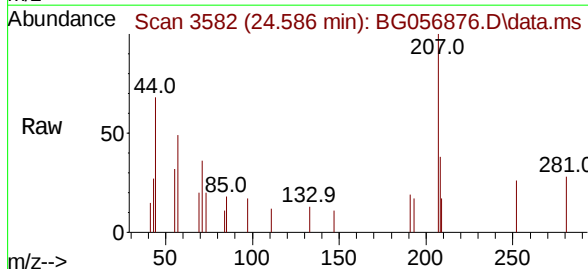
Tgt Ion:252 Resp: 439

Ion Ratio Lower Upper

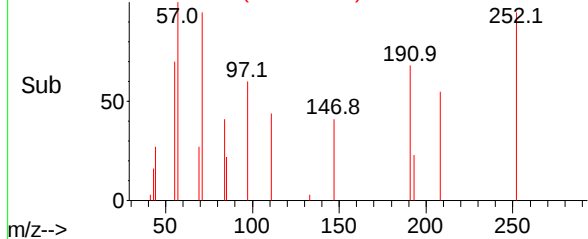
252 100

253 0.0 16.6 24.8#

125 0.0 3.5 5.3#



Abundance Scan 3582 (24.586 min): BG056876.D\data.ms (-3550) (-)



Abundance Scan 3737 (25.495 min): BG056869.D\data.ms (-3722) (-)

Benzo(a)pyrene

Concen: 0.042 ng/u1

RT: 25.473 min Scan# 4461

Delta R.T. -0.021 min

Lab File: BG056876.D

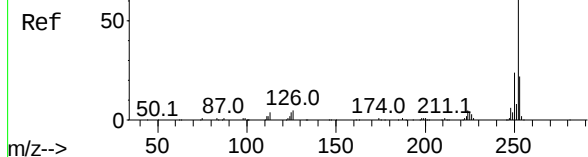
Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256



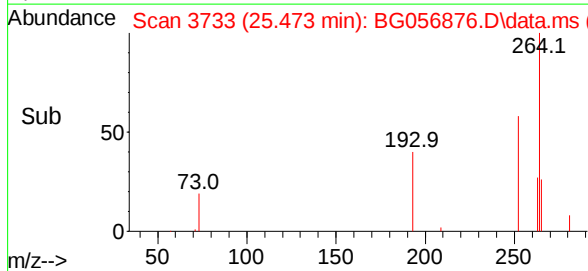
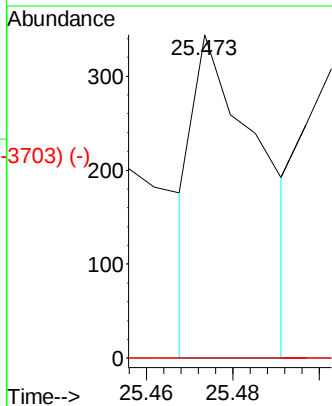
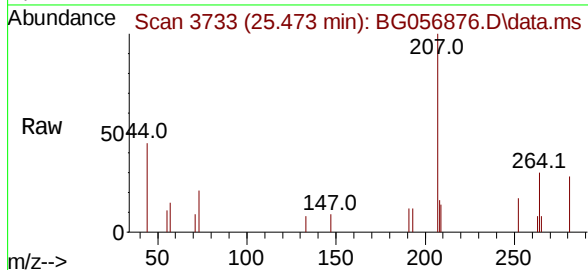
Tgt Ion:252 Resp: 364

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

125 0.0 3.4 5.0#



Abundance Scan 4465 (29.772 min): BG056869.D\data.ms (-4461) (-)

Indeno(1,2,3-cd)pyrene

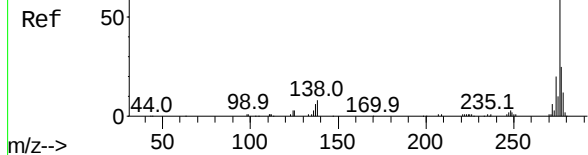
Concen: 0.004 ng/u1

RT: 29.751 min Scan# 4461

Delta R.T. -0.021 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50



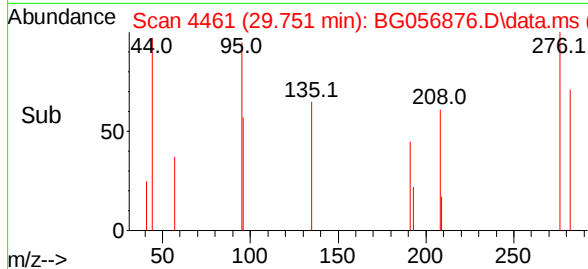
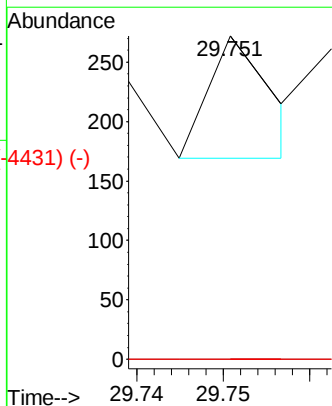
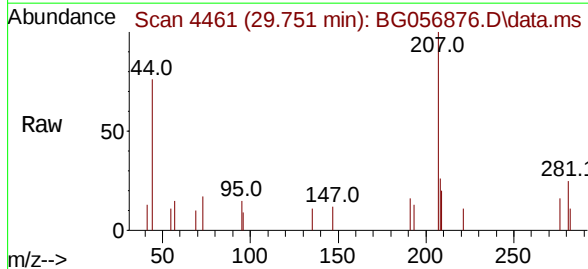
Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

138 0.0 6.4 9.6#

277 0.0 19.8 29.8#



Abundance Scan 4478 (29.848 min): BG056869.D\data.ms (-4495) (-)

Dibenzo(a,h)anthracene

Concen: 0.006 ng/ul

RT: 29.845 min Scan# 4495

Delta R.T. -0.004 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Instrument :

BNA_G

ClientSampleId :

SBLK256

Tgt Ion:278 Resp: 54

Ion Ratio Lower Upper

278 100

139 0.0 3.8 5.8#

279 0.0 20.0 30.0#

Abundance Scan 4477 (29.845 min): BG056876.D\data.ms

Raw

m/z-->

Abundance Scan 4477 (29.845 min): BG056876.D\data.ms (-4444) (-)

Sub

m/z-->

Abundance

Time-->

Abundance Scan 4682 (31.047 min): BG056869.D\data.ms (-4692) (-)

Benzo(g,h,i)perylene

Concen: 0.003 ng/ul

RT: 31.032 min Scan# 4679

Delta R.T. -0.015 min

Lab File: BG056876.D

Acq: 8 Mar 2023 10:50

Tgt Ion:276 Resp: 31

Ion Ratio Lower Upper

276 100

138 0.0 6.1 9.1#

277 0.0 16.5 24.7#

Abundance Scan 4679 (31.032 min): BG056876.D\data.ms

Raw

m/z-->

Abundance Scan 4679 (31.032 min): BG056876.D\data.ms (-4648) (-)

Sub

m/z-->

Abundance

Time-->