

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047558.D
 Acq On : 4 Dec 2020 4:52
 Operator : CG/JU
 Sample : L4855-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7Z3

Manual Integrations
 APPROVED

mohammad
 12/4/2020 4:31:15 PM

Quant Time: Dec 04 05:35:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 04 02:52:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	36990	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	137874	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	98689	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	237565	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	209330	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	231787	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4639	4.56	ng/uL	0.00
5) Phenol-d5	7.38	99	107007	28.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	55713	26.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	83027	33.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	83492	29.29	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	39746	34.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	48557	39.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	95935	33.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	91824	31.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	283600	33.47	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	343386	35.07	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	44947	34.77	ng/ul	0.00
58) Fluorene-d10	15.85	176	259925	33.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	46604	34.46	ng/ul	0.00
71) Anthracene-d10	17.70	188	393548	33.39	ng/ul	0.00
79) Pyrene-d10	19.97	212	436004	35.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	446149	33.44	ng/ul	0.02

Target Compounds

					Ovalue	
45) Dimethylphthalate	14.31	163	10530	1.218	ng/ul#	95
70) Phenanthrene	17.64	178	55519	4.328	ng/ul	97
77) Fluoranthene	19.63	202	129144	7.971	ng/ul	99
80) Pyrene	19.99	202	105047	7.084	ng/ul#	95
83) Benzo(a)anthracene	21.86	228	62779	4.215	ng/ul	92
84) Bis(2-ethylhexyl)phthalate	21.74	149	101788	14.022	ng/ul	97
85) Chrysene	21.93	228	56826m	4.009	ng/ul	
88) Benzo(b)fluoranthene	24.19	252	86899	5.310	ng/ul#	96
89) Benzo(k)fluoranthene	24.26	252	35294m	2.188	ng/ul	
91) Benzo(a)pyrene	25.10	252	58277	3.995	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.15	276	41872m	2.360	ng/ul	
93) Dibenzo(a,h)anthracene	29.22	278	15421m	1.060	ng/ul	
94) Benzo(g,h,i)perylene	30.36	276	41260m	2.818	ng/ul	

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

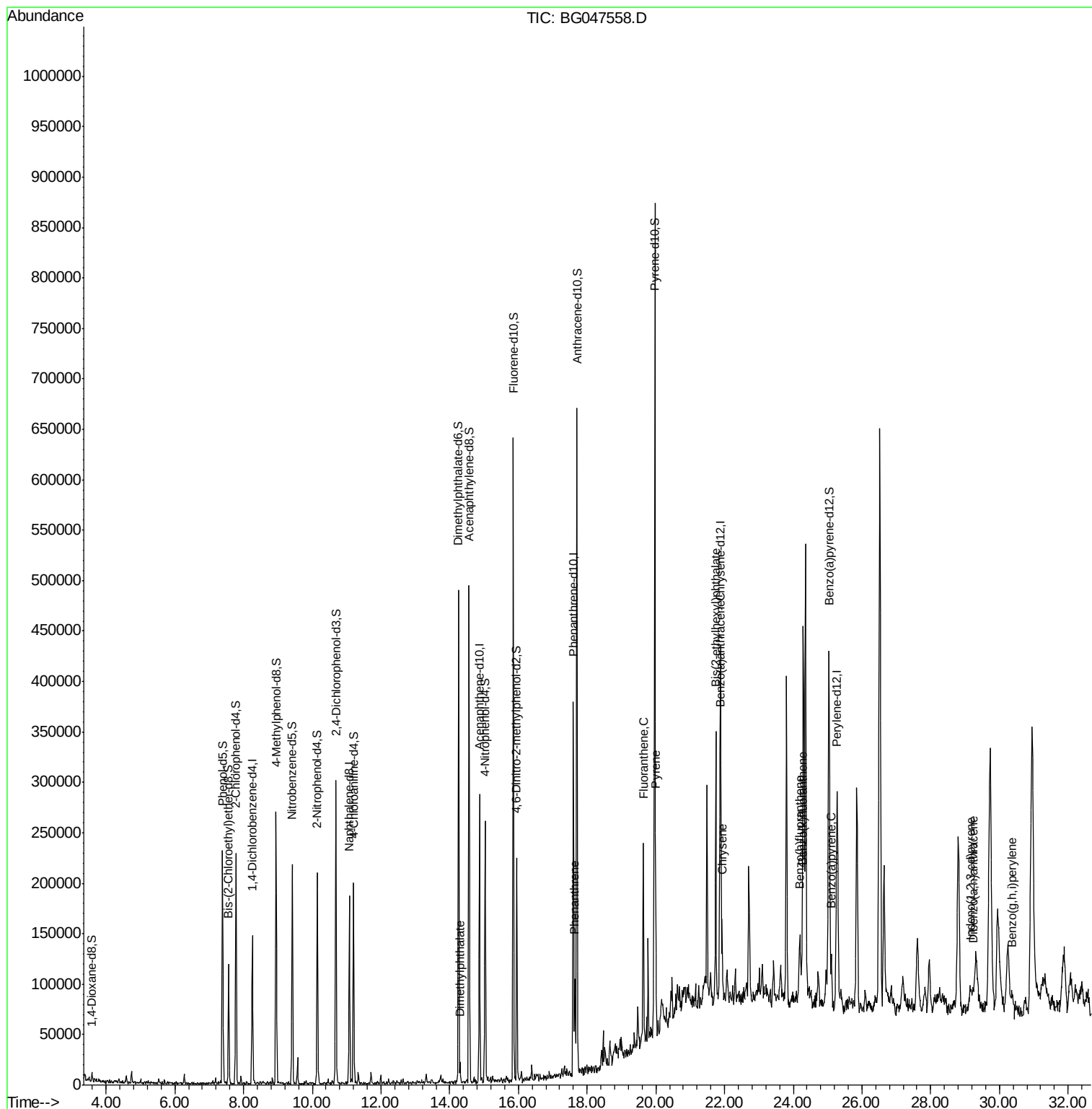
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047558.D
Acq On : 4 Dec 2020 4:52
Operator : CG/JU
Sample : L4855-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

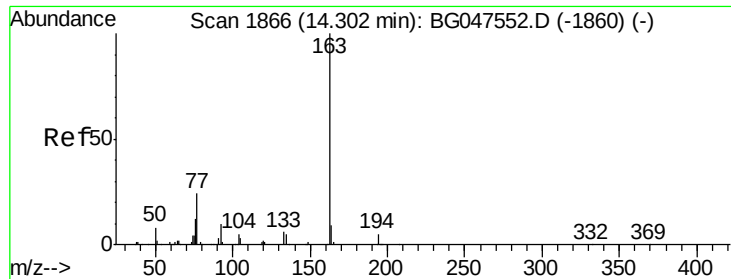
Instrument :
BNA_G
ClientSampled :
CB7Z3

Manual Integrations
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Quant Time: Dec 04 05:35:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 02:52:14 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.218 ng/ul

RT: 14.31 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Instrument :

BNA_G

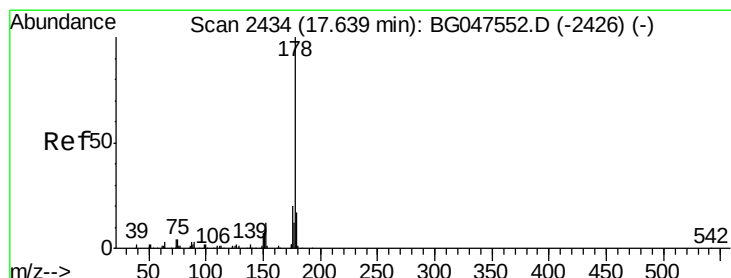
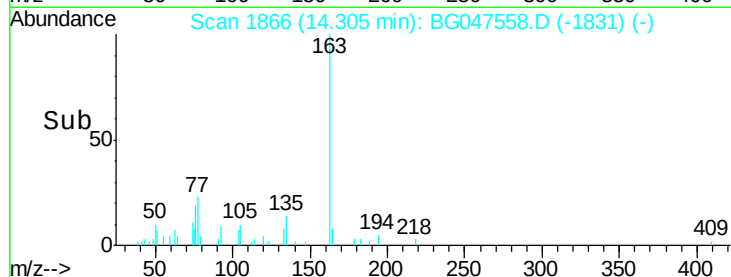
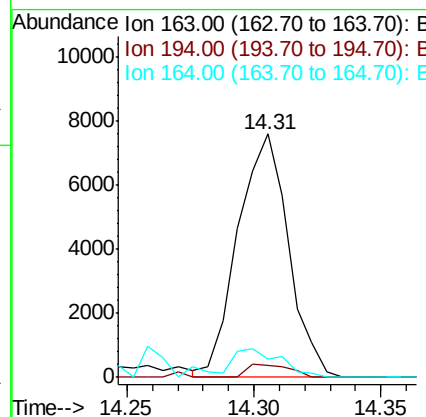
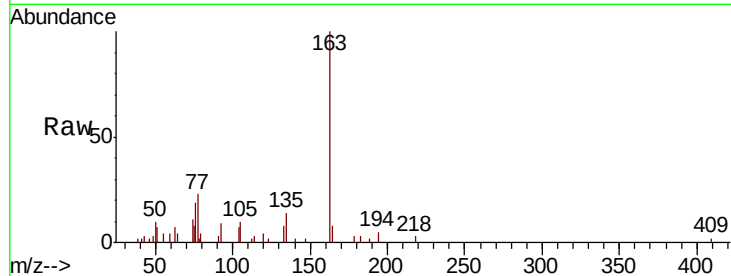
ClientSampled :

CB7Z3

Tot Ion:	163	Resp:	10530
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	7.6	8.0	12.0#

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#70

Phenanthrene

Concen: 4.328 ng/ul

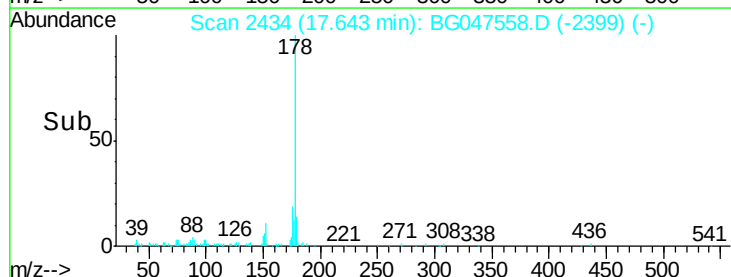
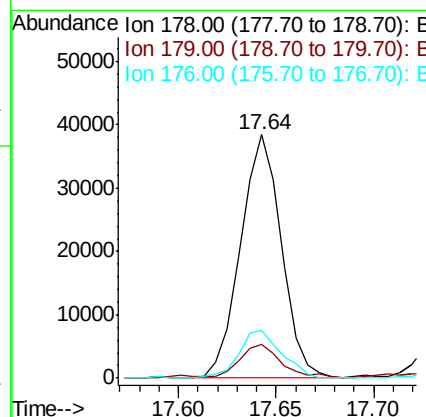
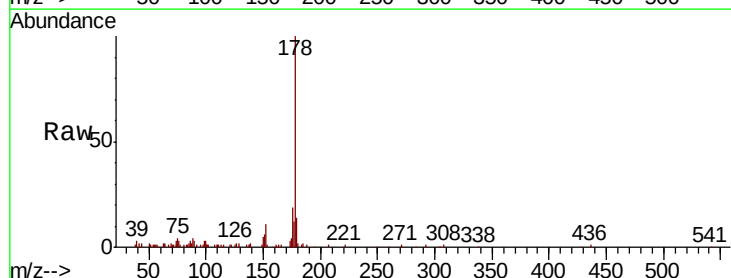
RT: 17.64 min Scan# 2434

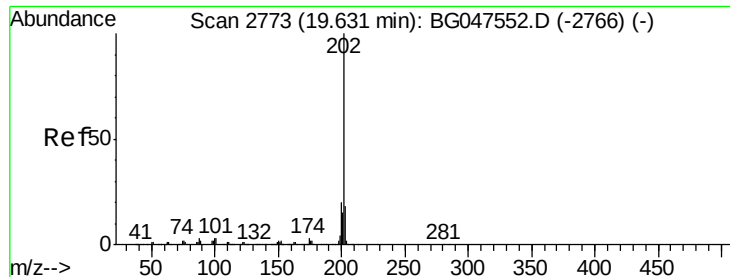
Delta R.T. 0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Tgt Ion:	178	Resp:	55519
Ion Ratio	Lower	Upper	
178	100		
179	13.7	12.3	18.5
176	19.5	15.0	22.4





#77

Fluoranthene

Concen: 7.971 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Instrument :

BNA_G

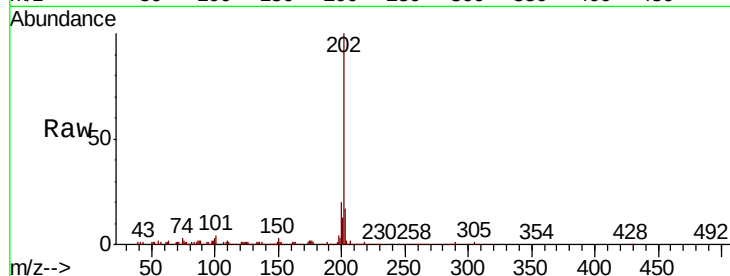
ClientSampleId :

CB7Z3

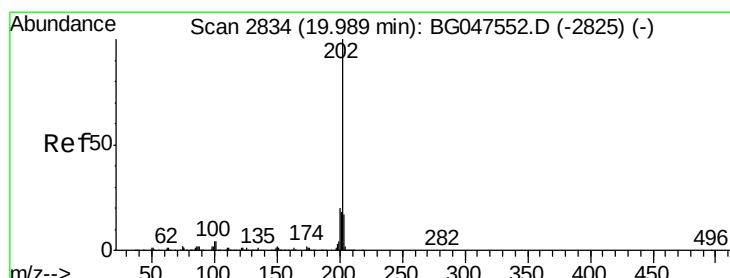
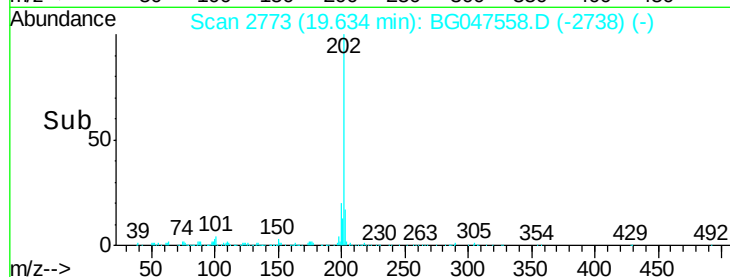
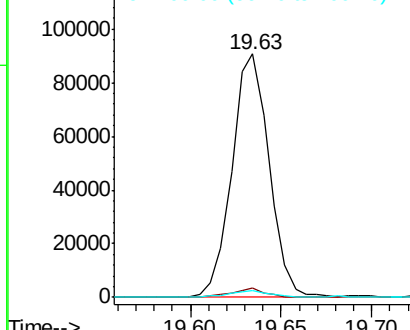
Tot Ion	Ratio	Resp	Lower	Upper
202	100	129144		
101	3.9		2.8	4.2
100	2.8		2.6	3.8

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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



#80

Pyrene

Concen: 7.084 ng/ul

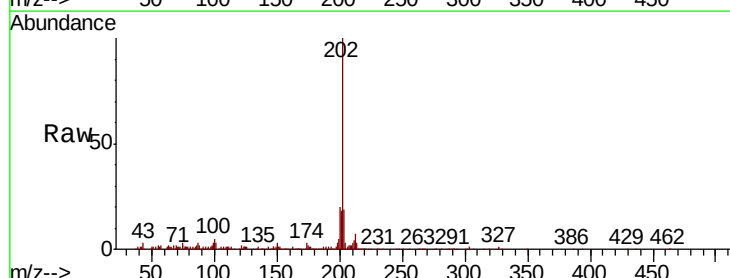
RT: 19.99 min Scan# 2834

Delta R.T. -0.00 min

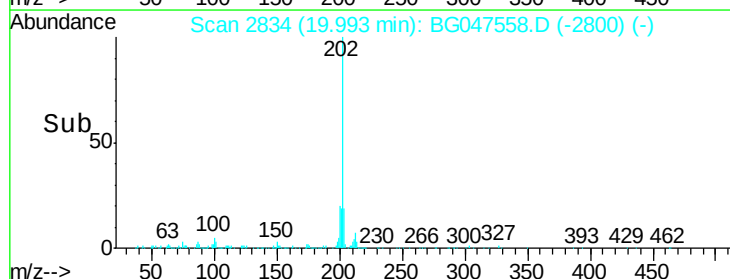
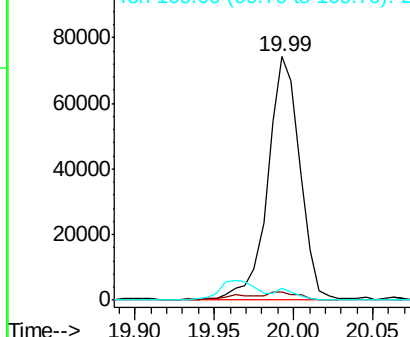
Lab File: BG047558.D

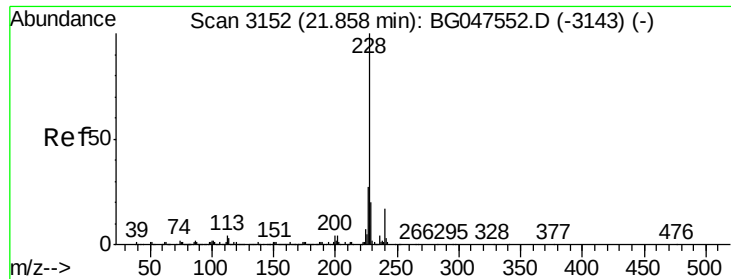
Acq: 4 Dec 2020 4:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	105047		
101	3.3		3.8	5.6#
100	5.0		2.2	3.4#



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: 4.215 ng/ul

RT: 21.86 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Instrument :

BNA_G

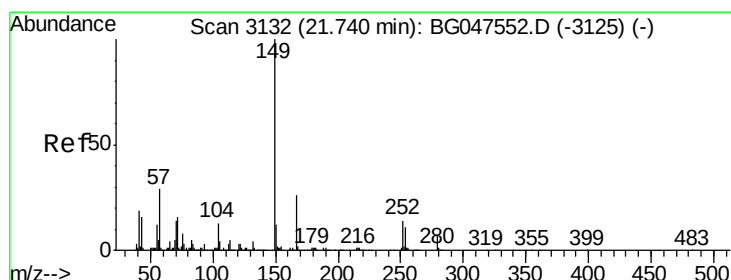
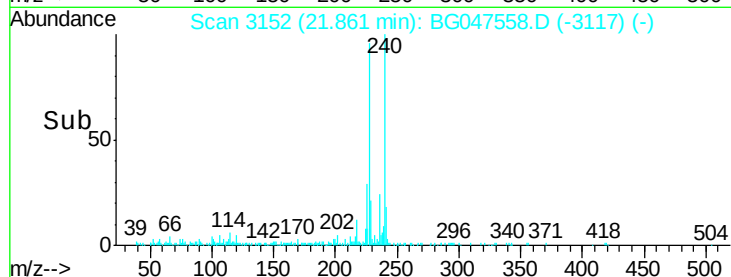
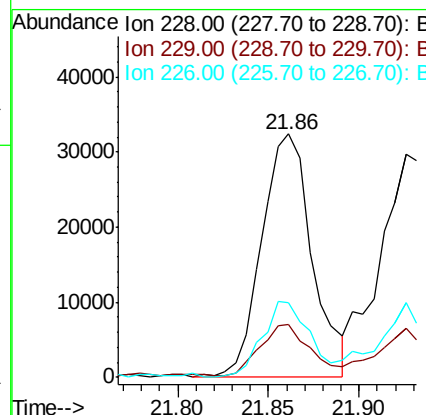
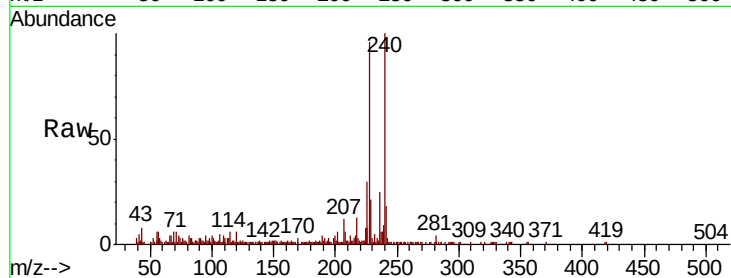
ClientSampleId :

CB7Z3

Tot Ion:	228	Resp:	62779
Ion	Ratio	Lower	Upper
228	100		
229	21.9	14.7	22.1
226	30.8	21.6	32.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 14.022 ng/ul

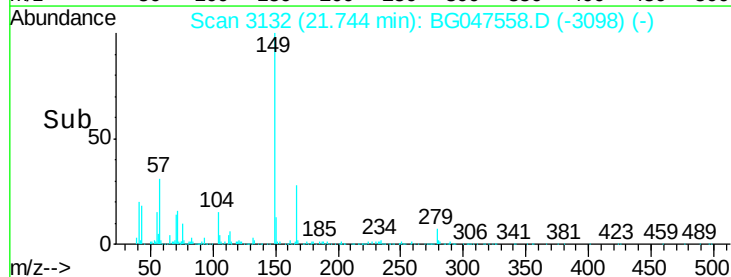
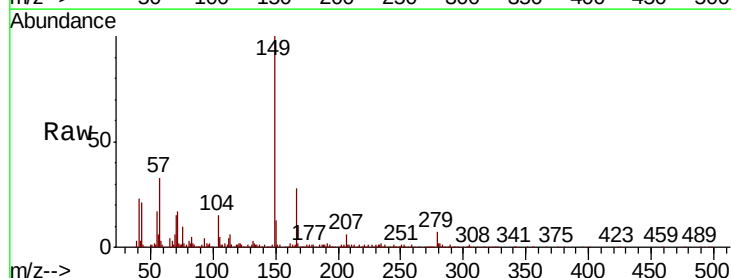
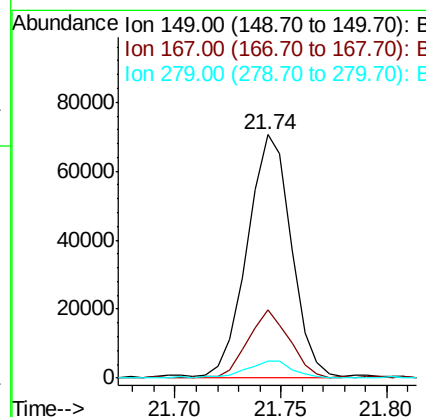
RT: 21.74 min Scan# 3132

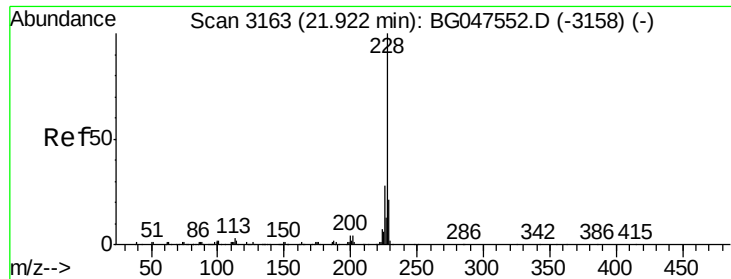
Delta R.T. -0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Tgt Ion:	149	Resp:	101788
Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.9	31.3
279	7.0	5.2	7.8





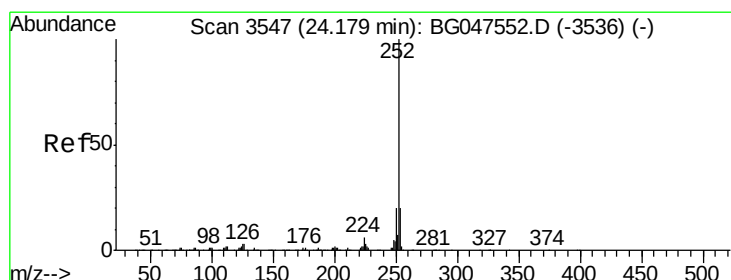
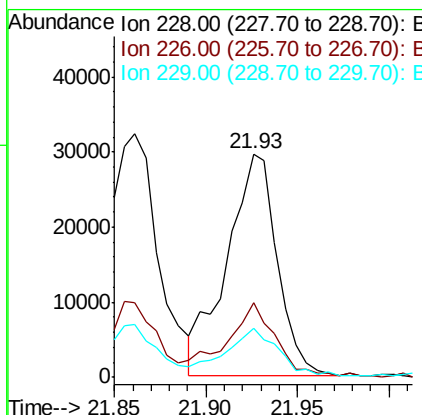
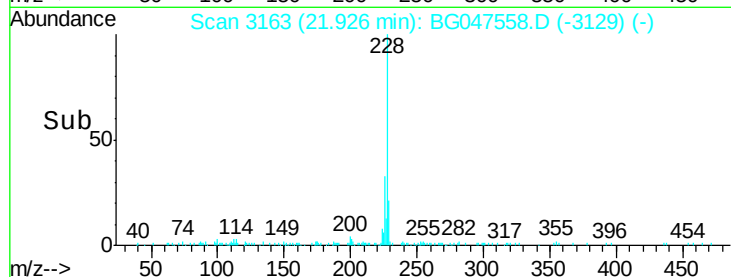
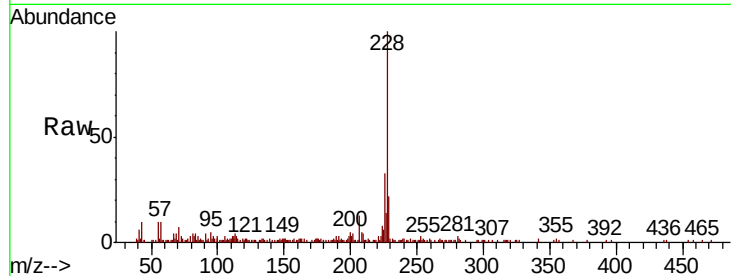
#85
Chrysene
Concen: 4.009 ng/ul m
RT: 21.93 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG047558.D
Acq: 4 Dec 2020 4:52

Instrument :
BNA_G
ClientSampleId :
CB7Z3

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.8	35.6
229	21.8	15.5	23.3

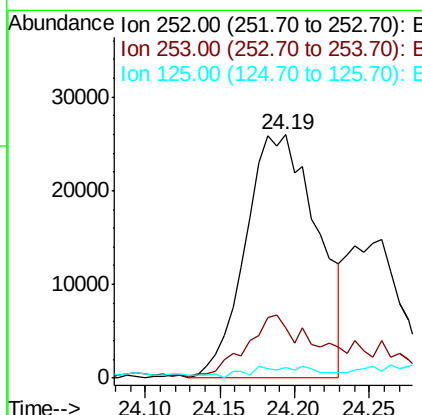
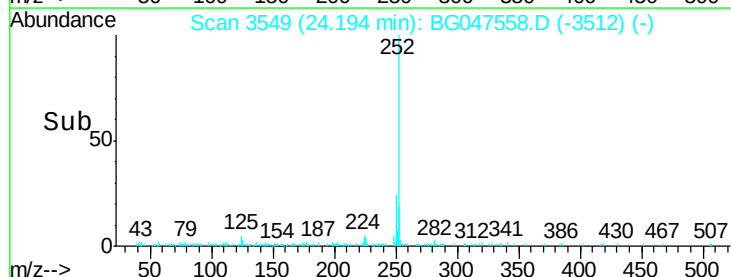
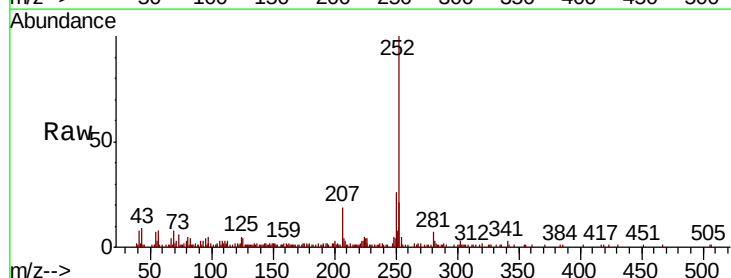
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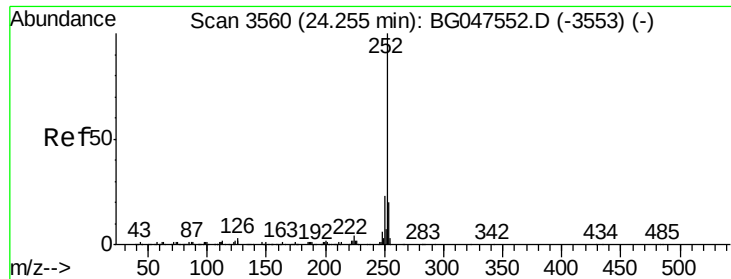
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#88
Benzo(b)fluoranthene
Concen: 5.310 ng/ul
RT: 24.19 min Scan# 3549
Delta R.T. 0.02 min
Lab File: BG047558.D
Acq: 4 Dec 2020 4:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.9	26.9
125	4.6	2.4	3.6





#89

Benzo(k)fluoranthene

Concen: 2.188 ng/ul m

RT: 24.26 min Scan# 3560

Delta R.T. 0.01 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Instrument :

BNA_G

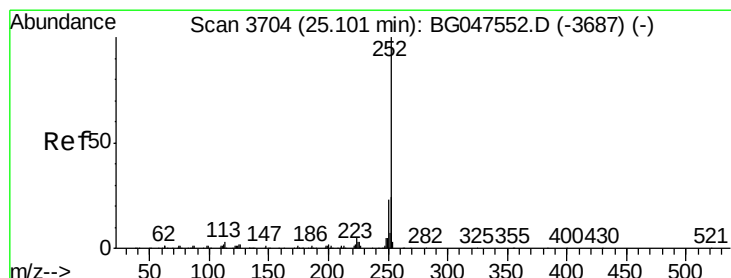
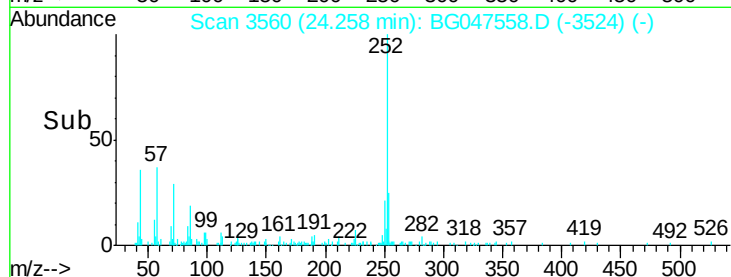
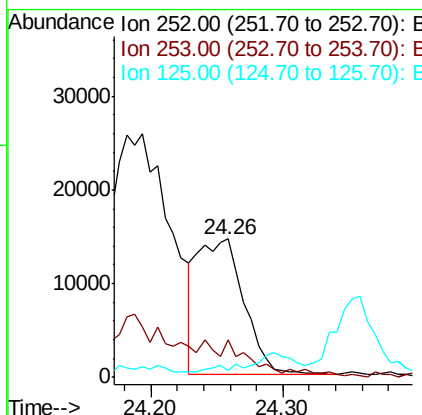
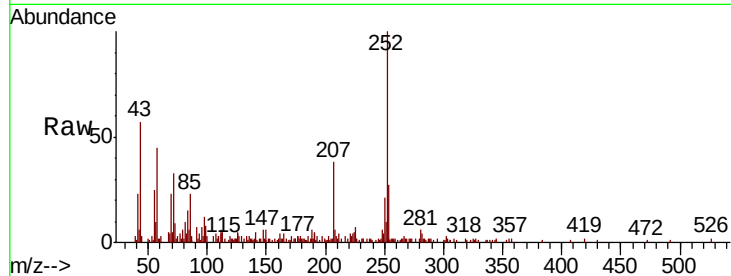
ClientSampleId :

CB7Z3

Tot Ion:	252	Resp:	35294
Ion Ratio	Lower	Upper	
252	100		
253	27.2	19.0	28.4
125	4.8	2.2	3.4#

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#91

Benzo(a)pyrene

Concen: 3.995 ng/ul

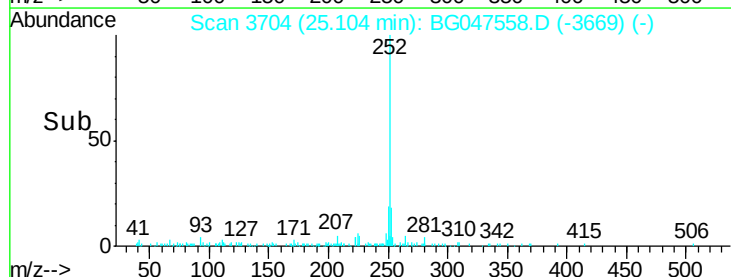
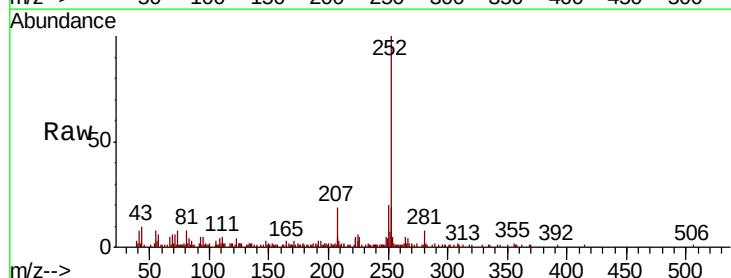
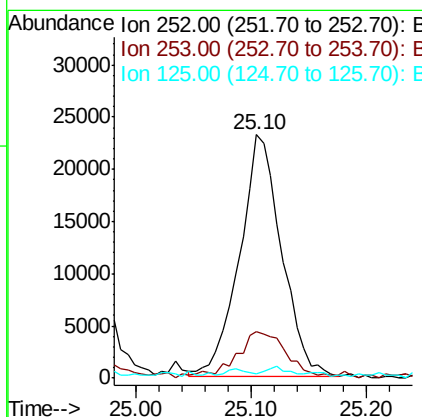
RT: 25.10 min Scan# 3704

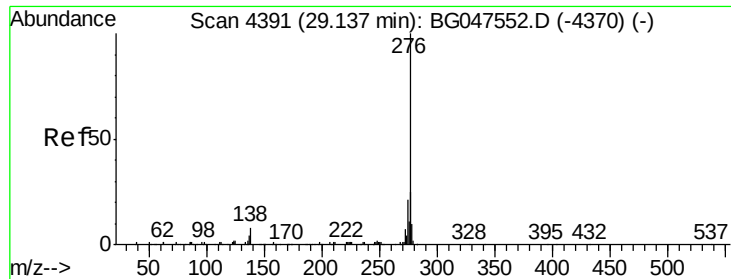
Delta R.T. 0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Tgt Ion:	252	Resp:	58277
Ion Ratio	Lower	Upper	
252	100		
253	19.0	17.3	25.9
125	1.6	2.3	3.5#





#92

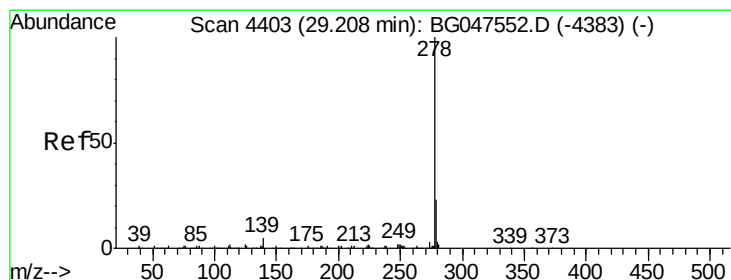
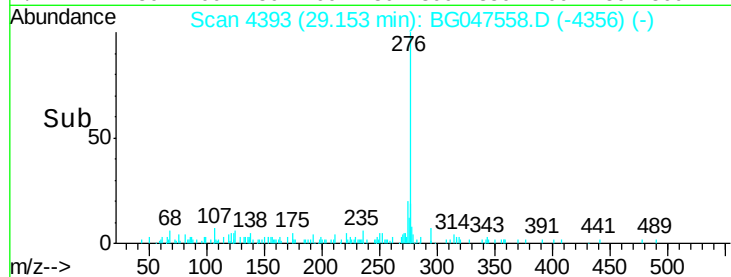
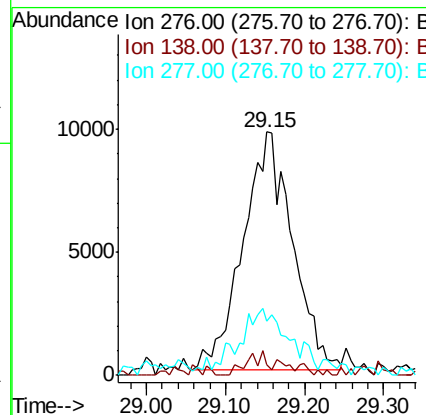
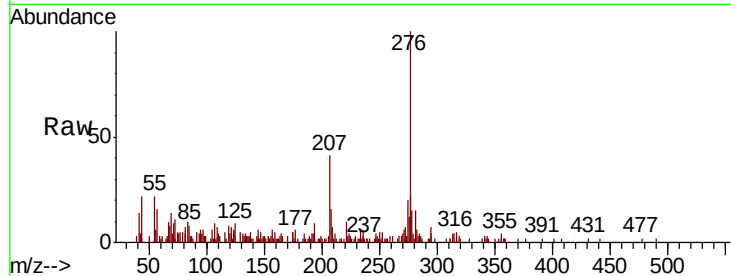
Indeno(1,2,3-cd)pyrene
Concen: 2.360 ng/ul m
RT: 29.15 min Scan# 4393
Delta R.T. 0.02 min
Lab File: BG047558.D
Acq: 4 Dec 2020 4:52

Instrument :
BNA_G
ClientSampleId :
CB7Z3

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.5	3.7	5.5
277	22.2	18.2	27.4

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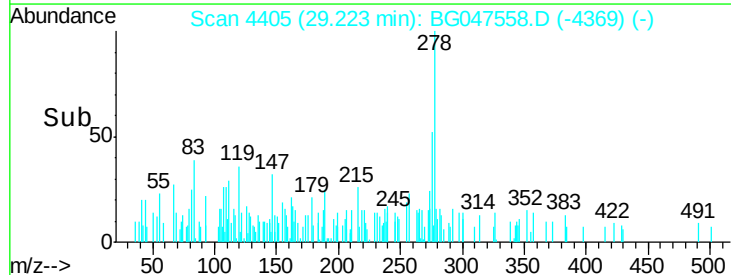
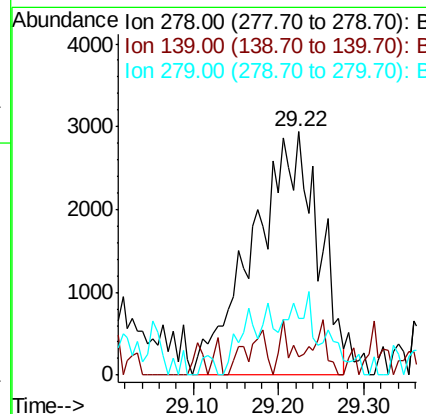
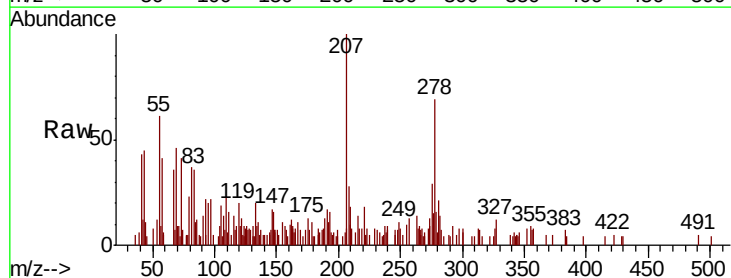
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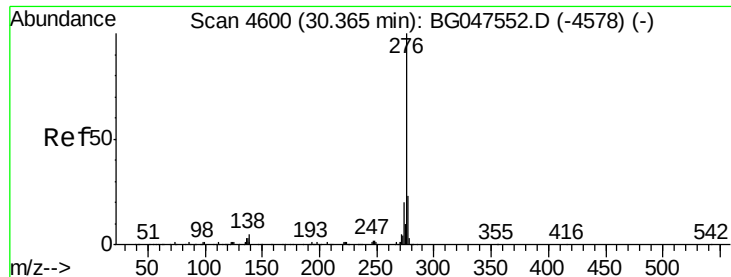


#93

Dibenzo(a,h)anthracene
Concen: 1.060 ng/ul m
RT: 29.22 min Scan# 4405
Delta R.T. 0.01 min
Lab File: BG047558.D
Acq: 4 Dec 2020 4:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	3.4	5.0#
279	23.2	18.0	27.0





#94

Benzo(a,h,i)perylene

Concen: 2.818 ng/ul m

RT: 30.36 min Scan# 4599

Delta R.T. -0.00 min

Lab File: BG047558.D

Acq: 4 Dec 2020 4:52

Instrument :

BNA_G

ClientSampleId :

CB7Z3

Tot Ion:	276	Resp:	41260
Ion Ratio	Lower	Upper	
276	100		
138	1.7	3.6	5.4#
277	25.1	17.5	26.3

Manual Integrations
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