

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
 Data File : BG046757.D
 Acq On : 3 Oct 2020 5:07
 Operator : CG/JU
 Sample : L4151-11
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB7L2

Manual Integrations
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mohammad
 10/5/2020 10:19:36 AM

Quant Time: Oct 03 06:12:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 03:57:33 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	70091	20.00	ng/ul	0.00
18) Naphthalene-d8	10.921	136	292782	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.734	164	219953	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.478	188	513230	20.00	ng/ul	0.00
78) Chrysene-d12	21.749	240	506023	20.00	ng/ul	0.00
86) Perylene-d12	25.028	264	539162	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.524	96	6447	4.52	ng/uL	-0.01
5) Phenol-d5	7.254	99	132842	22.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.431	67	91454	24.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.636	132	102169	23.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.800	113	87588	18.67	ng/ul	0.00
19) Nitrobenzene-d5	9.270	128	54700	24.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.992	143	64313	28.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.533	165	116143	22.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.050	131	89578	14.39	ng/ul	0.00
44) Dimethylphthalate-d6	14.135	166	437514	26.03	ng/ul	0.00
47) Acenaphthylene-d8	14.428	160	445937	22.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.904	143	72608	25.34	ng/ul	0.00
58) Fluorene-d10	15.721	176	372330	24.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.827	200	70314	27.42	ng/ul	0.00
71) Anthracene-d10	17.572	188	538646	22.88	ng/ul	0.00
79) Pyrene-d10	19.851	212	608214	23.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.799	264	592456	20.39	ng/ul	0.00
Target Compounds						
					Qvalue	
14) Acetophenone	8.929	105	10145	1.33	ng/ul#	88
45) Dimethylphthalate	14.182	163	51323	3.02	ng/ul	98
70) Phenanthrene	17.519	178	315932	11.26	ng/ul	98
72) Anthracene	17.607	178	60649	2.13	ng/ul	97
75) Carbazole	17.871	167	30247	1.33	ng/ul	94
77) Fluoranthene	19.522	202	562797	16.89	ng/ul	99
80) Pyrene	19.881	202	425952	13.10	ng/ul	98
81) Butylbenzylphthalate	20.768	149	18932	1.67	ng/ul#	89
83) Benzo(a)anthracene	21.732	228	291397	8.80	ng/ul	97
84) Bis(2-ethylhexyl)phtha...	21.644	149	17138	1.02	ng/ul	96
85) Chrysene	21.796	228	253400	7.89	ng/ul	98
88) Benzo(b)fluoranthene	23.988	252	357528	10.05	ng/ul	95
89) Benzo(k)fluoranthene	24.052	252	101888m	2.94	ng/ul	
91) Benzo(a)pyrene	24.869	252	202123	6.22	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.753	276	148731	3.73	ng/ul	99
93) Dibenzo(a,h)anthracene	28.800	278	45165m	1.37	ng/ul	
94) Benzo(g,h,i)perylene	29.910	276	104445	3.13	ng/ul	94

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

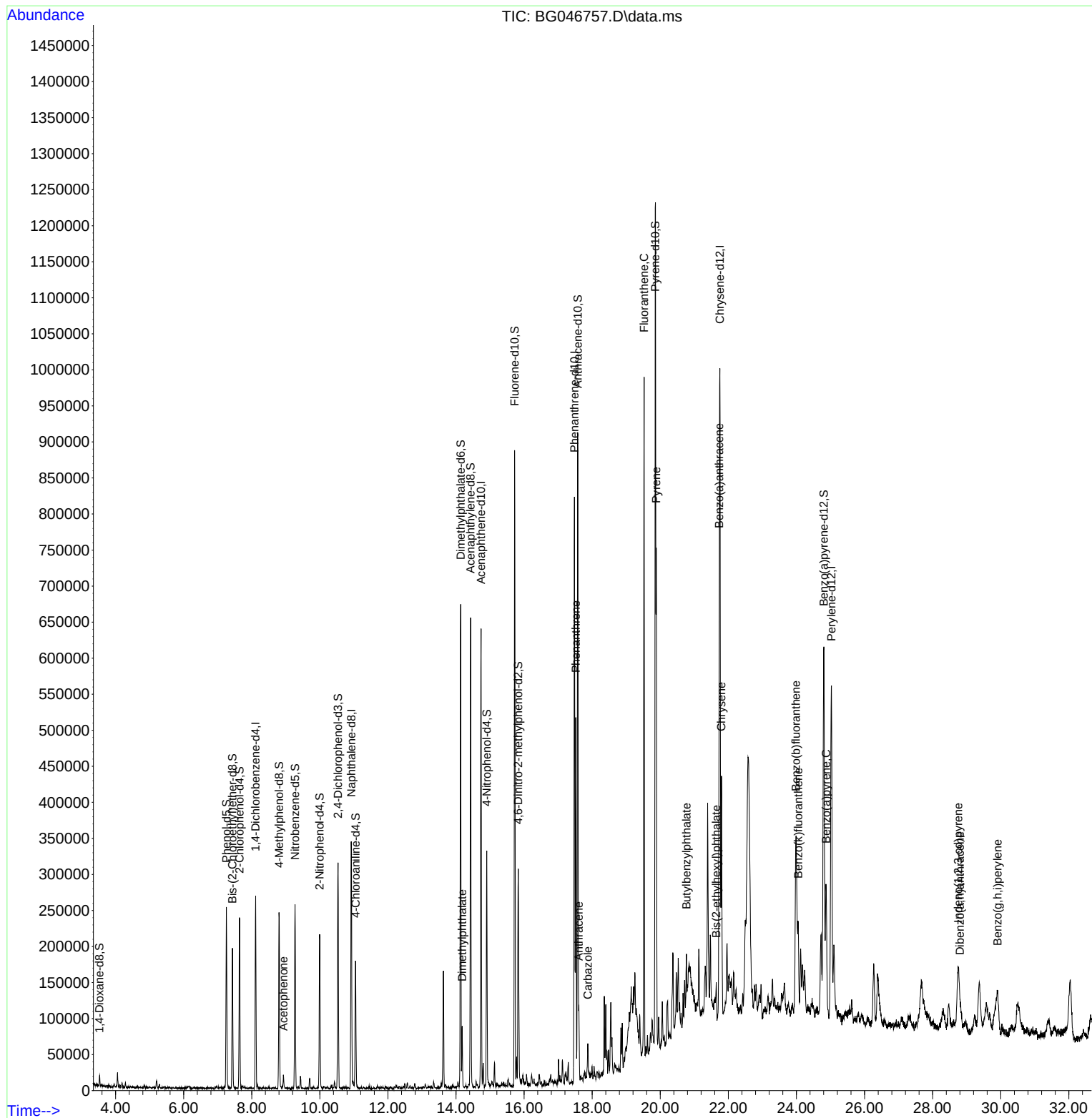
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100220\
Data File : BG046757.D
Acq On : 3 Oct 2020 5:07
Operator : CG/JU
Sample : L4151-11
Misc :
ALS Vial : 25 Sample Multiplier: 1

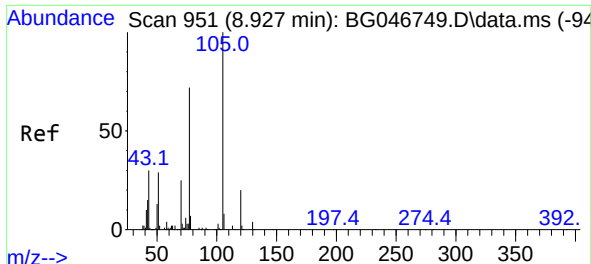
Instrument :
BNA_G
ClientSampleId :
CB7L2

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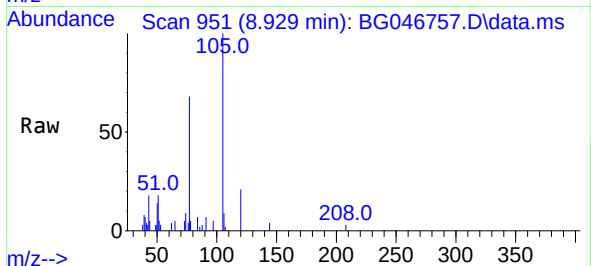
Quant Time: Oct 03 06:12:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 03:57:33 2020
Response via : Initial Calibration





#14
Acetophenone
Concen: 1.33 ng/ul
RT: 8.929 min Scan# 951
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

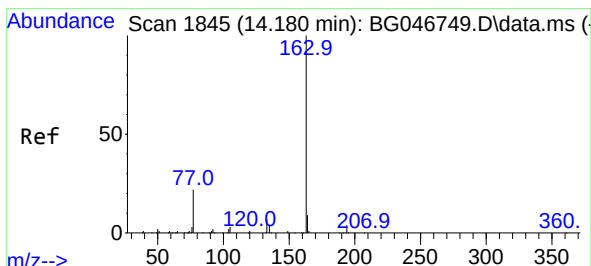
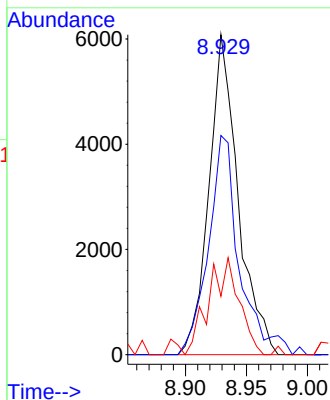
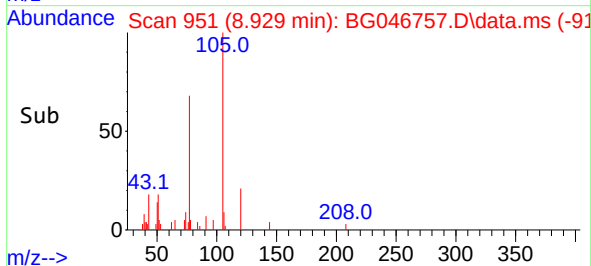
Instrument :
BNA_G
ClientSampled :
CB7L2



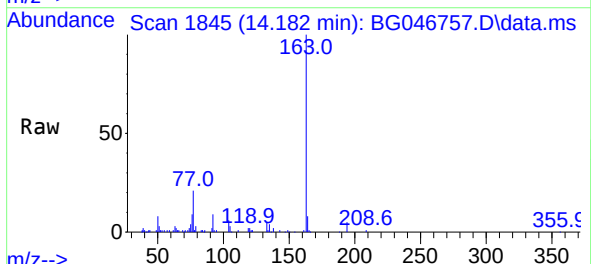
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Ion Ratio Lower Upper
105 100
77 68.5 60.4 90.6
51 18.3 24.1 36.1#

Manual Integrations
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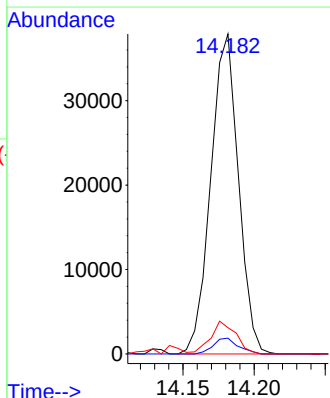
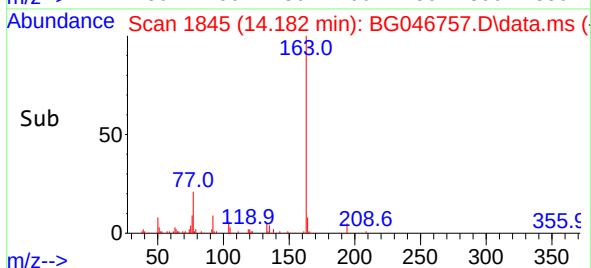
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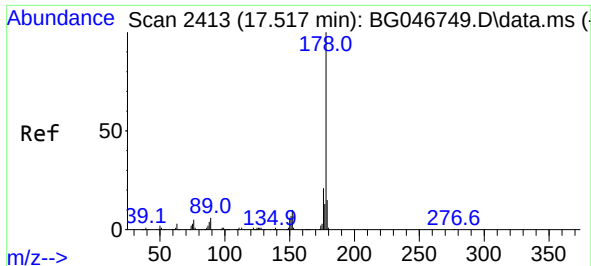


#45
Dimethylphthalate
Concen: 3.02 ng/ul
RT: 14.182 min Scan# 1845
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

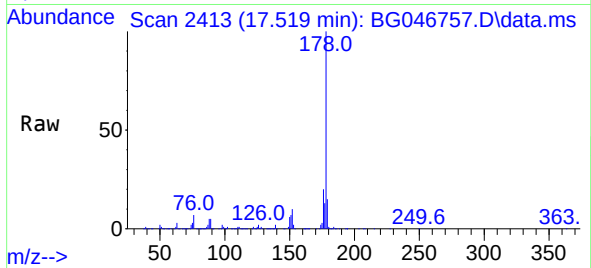


Tgt Ion:163 Resp: 51323
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 8.2 7.4 11.0

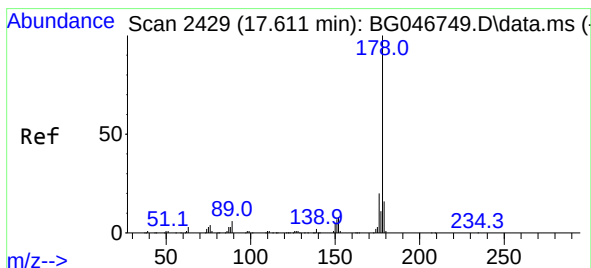
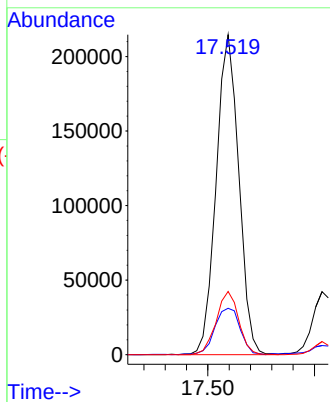
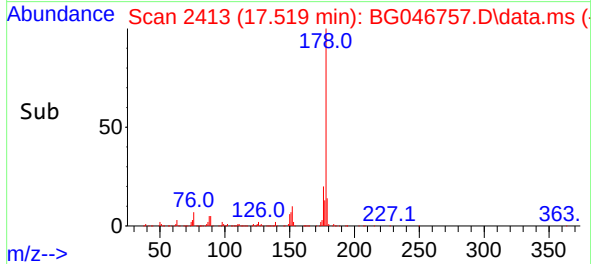




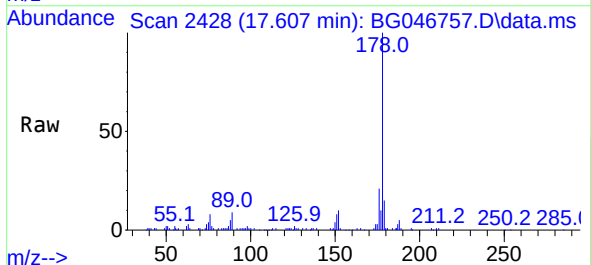
#70
Phenanthrene
Concen: 11.26 ng/ul
RT: 17.519 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07



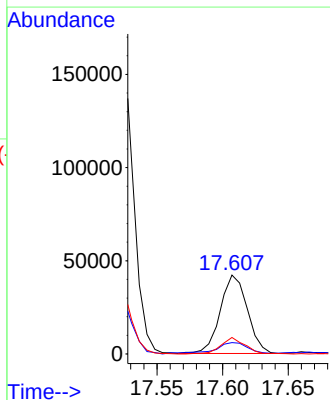
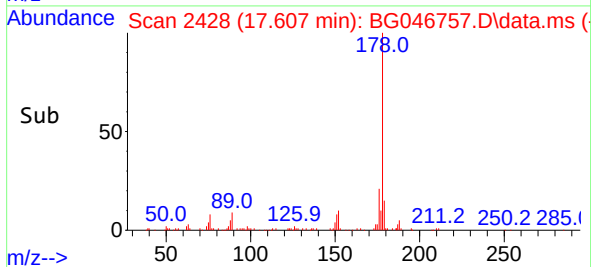
Tgt Ion:178 Resp: 315932
Ion Ratio Lower Upper
178 100
179 14.5 12.6 18.8
176 19.7 15.4 23.2



#72
Anthracene
Concen: 2.13 ng/ul
RT: 17.607 min Scan# 2428
Delta R.T. -0.008 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07



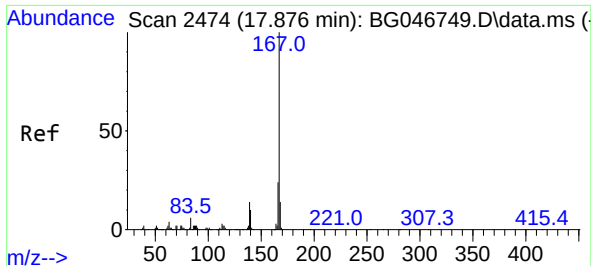
Tgt Ion:178 Resp: 60649
Ion Ratio Lower Upper
178 100
179 14.5 11.9 17.9
176 20.8 15.2 22.8



Instrument :
BNA_G
ClientSampleId :
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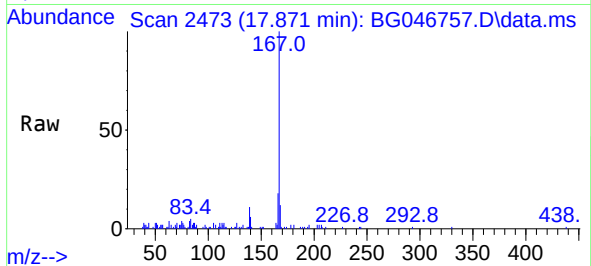
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#75
 Carbazole
 Concen: 1.33 ng/ul
 RT: 17.871 min Scan# 2473
 Delta R.T. -0.002 min
 Lab File: BG046757.D
 Acq: 3 Oct 2020 5:07

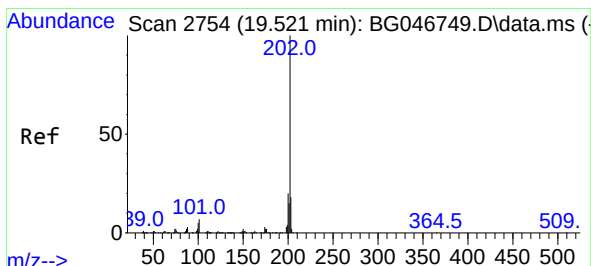
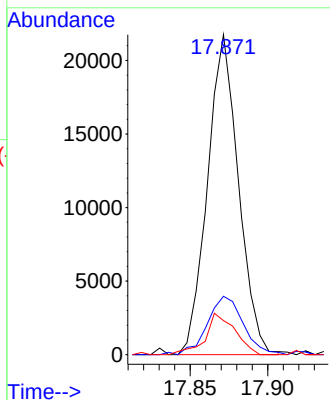
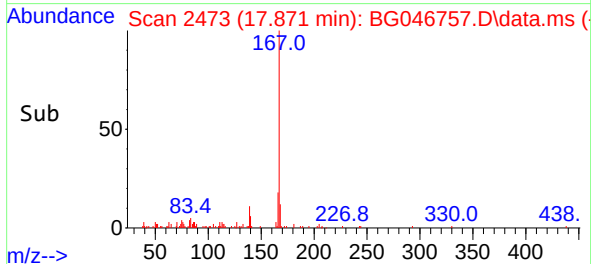
Instrument :
 BNA_G
 ClientSampled :
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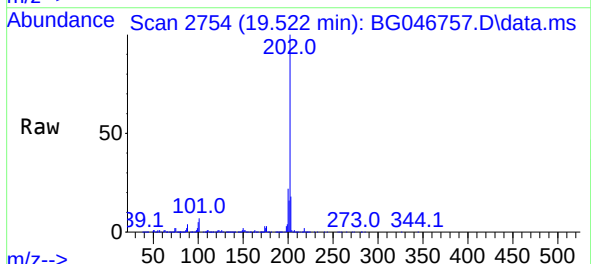
Tgt Ion:167 Resp: 30247
 Ion Ratio Lower Upper
 167 100
 166 18.3 17.5 26.3
 139 10.7 9.8 14.6

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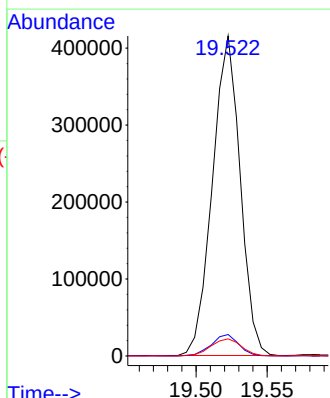
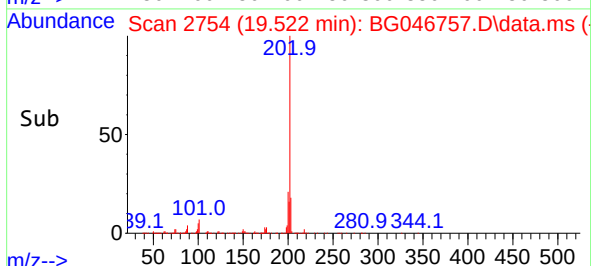
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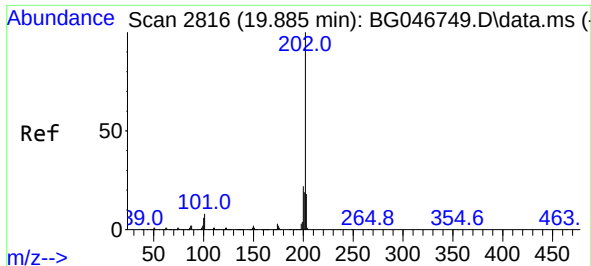


#77
 Fluoranthene
 Concen: 16.89 ng/ul
 RT: 19.522 min Scan# 2754
 Delta R.T. -0.002 min
 Lab File: BG046757.D
 Acq: 3 Oct 2020 5:07



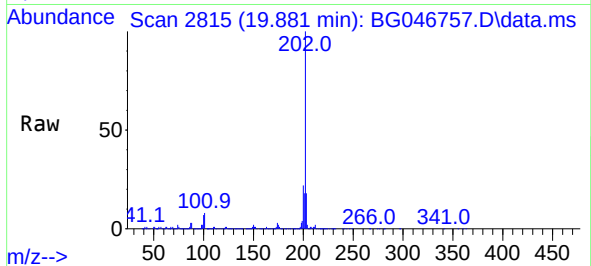
Tgt Ion:202 Resp: 562797
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.8 8.6
 100 5.4 4.5 6.7





#80
Pyrene
Concen: 13.10 ng/ul
RT: 19.881 min Scan# 2815
Delta R.T. -0.008 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

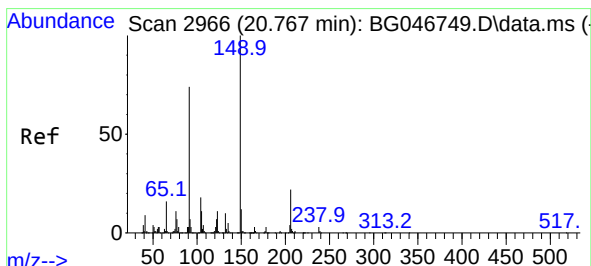
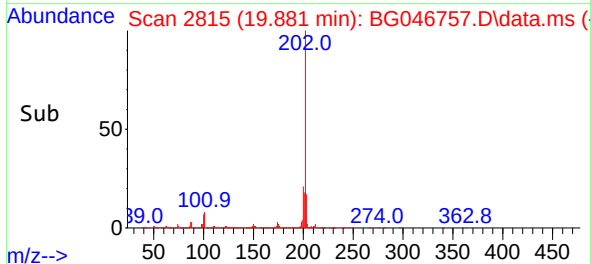
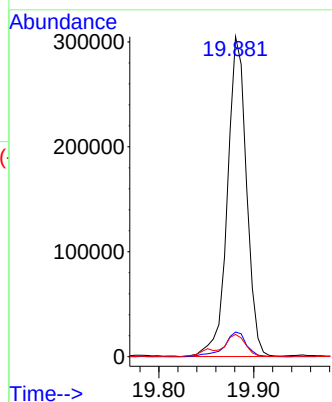
Instrument :
BNA_G
ClientSampled :
CB7L2



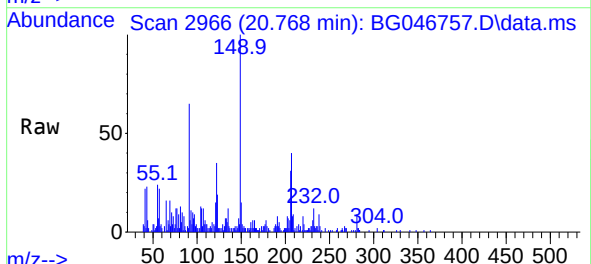
Tgt Ion:202 Resp: 425952
Ion Ratio Lower Upper
202 100
101 7.7 7.0 10.4
100 7.0 6.0 9.0

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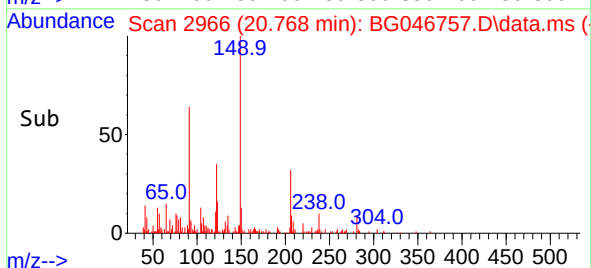
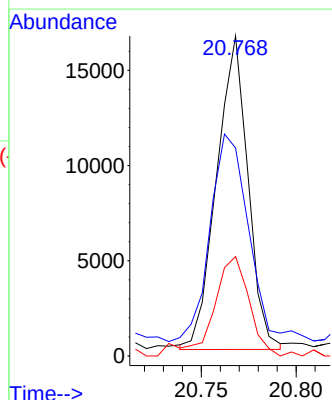
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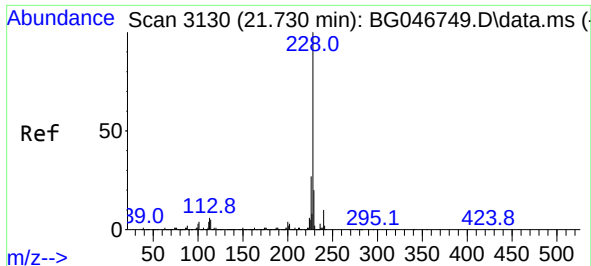


#81
Butylbenzylphthalate
Concen: 1.67 ng/ul
RT: 20.768 min Scan# 2966
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

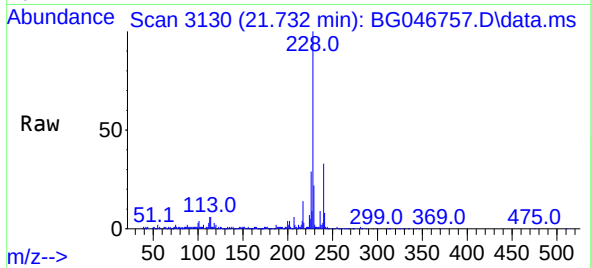


Tgt Ion:149 Resp: 18932
Ion Ratio Lower Upper
149 100
91 65.0 59.0 88.4
206 31.1 19.2 28.8#

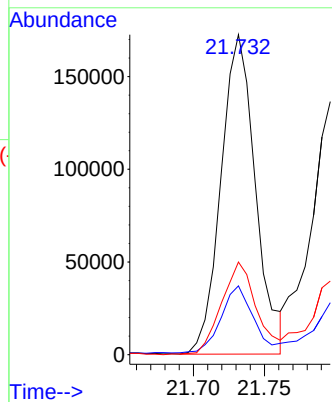
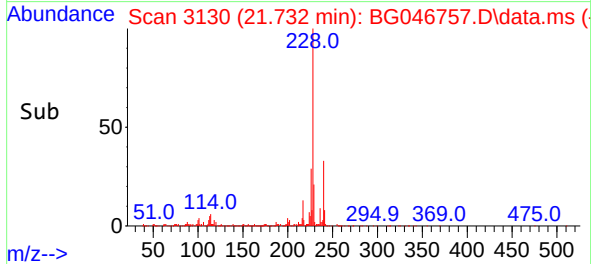




#83
Benzo(a)anthracene
Concen: 8.80 ng/ul
RT: 21.732 min Scan# 3130
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07



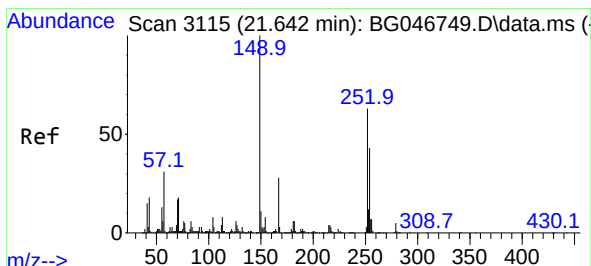
Tgt Ion:228 Resp: 291397
Ion Ratio Lower Upper
228 100
229 21.5 16.5 24.7
226 28.9 21.6 32.4



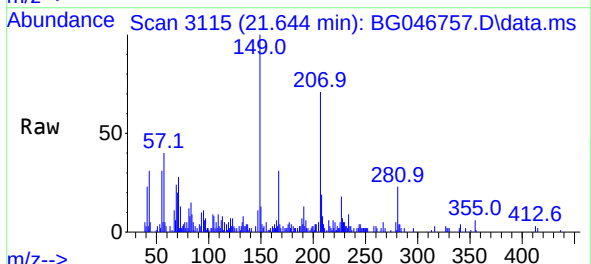
Instrument :
BNA_G
ClientSampled :
CB7L2

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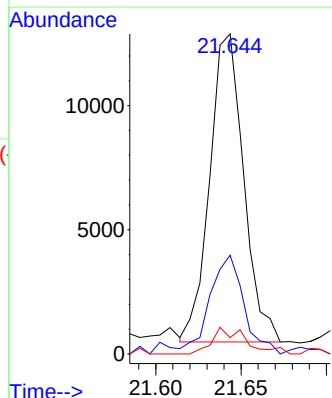
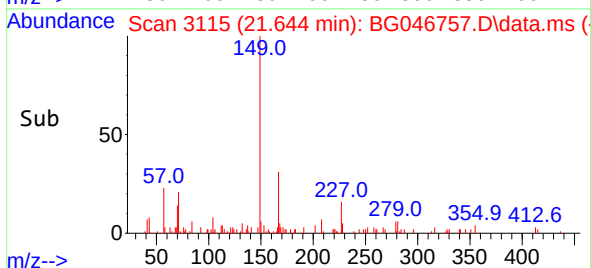
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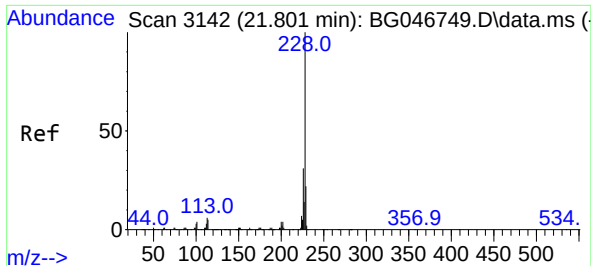


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.02 ng/ul
RT: 21.644 min Scan# 3115
Delta R.T. -0.008 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07



Tgt Ion:149 Resp: 17138
Ion Ratio Lower Upper
149 100
167 30.8 22.7 34.1
279 5.1 4.2 6.2





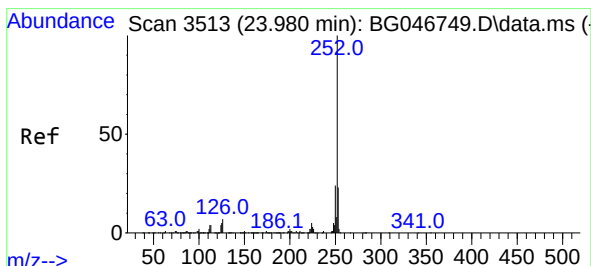
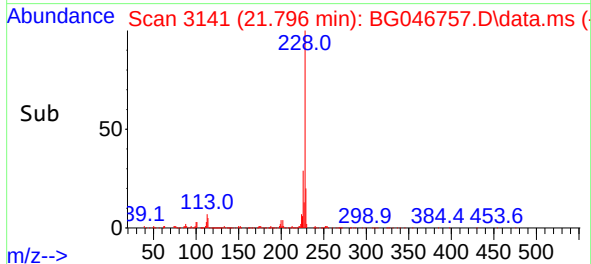
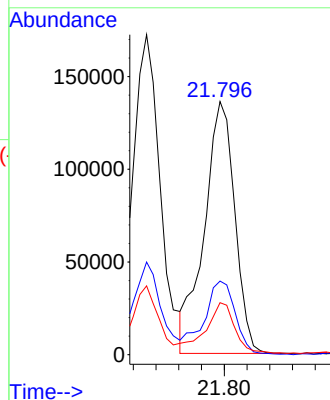
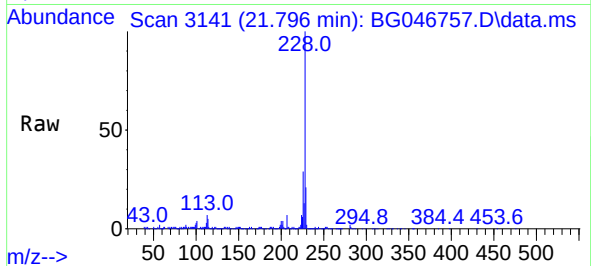
#85
Chrysene
Concen: 7.89 ng/u1
RT: 21.796 min Scan# 3141
Delta R.T. -0.008 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

Tgt Ion:	228	Resp:	253400
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.3	36.5
229	20.5	15.8	23.8

Instrument :
BNA_G
ClientSampled :
CB7L2

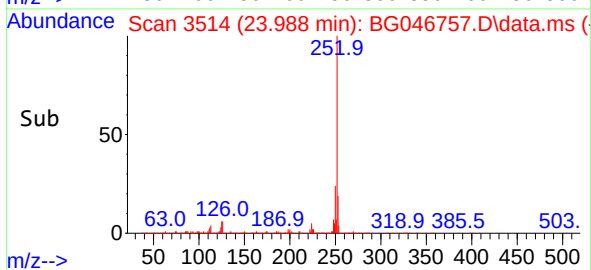
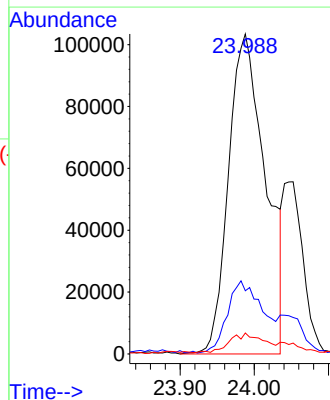
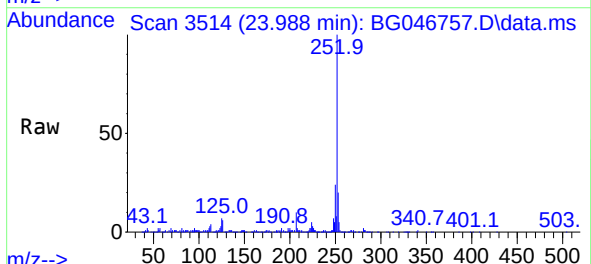
Manual Integrations
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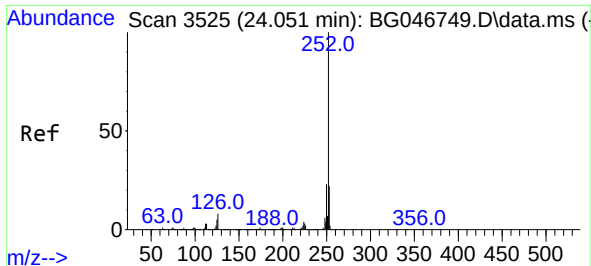
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10/5/2020 10:19:36 AM



#88
Benzo(b)fluoranthene
Concen: 10.05 ng/u1
RT: 23.988 min Scan# 3514
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

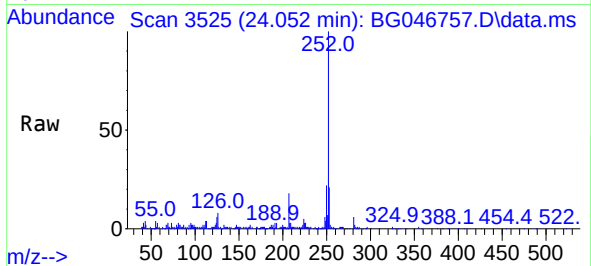
Tgt Ion:	252	Resp:	357528
Ion Ratio	Lower	Upper	
252	100		
253	19.8	17.9	26.9
125	6.6	5.0	7.4





#89
Benzo(k)fluoranthene
Concen: 2.94 ng/ul m
RT: 24.052 min Scan# 3525
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

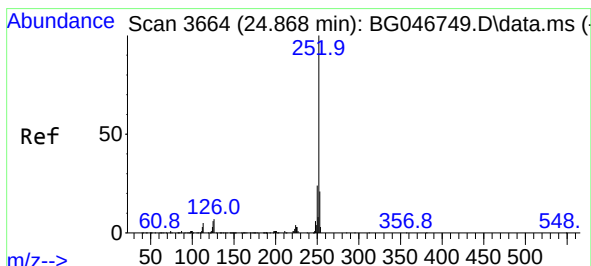
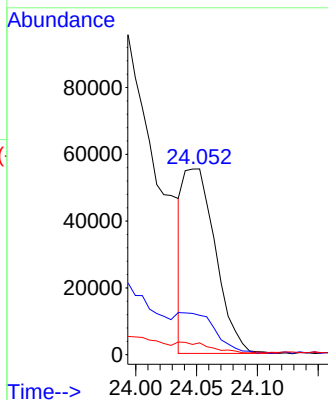
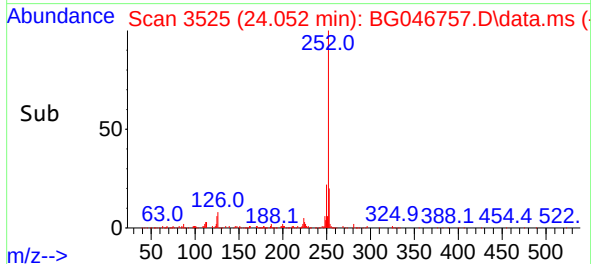
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BNA_G
ClientSampleId :
CB7L2



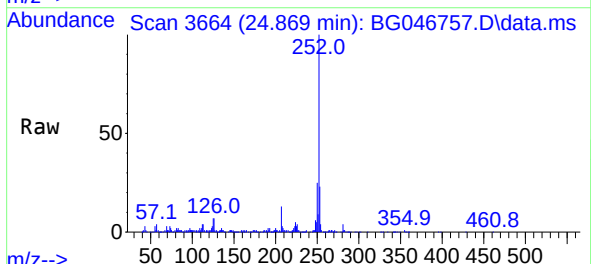
Tgt Ion:252 Resp: 101888
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 6.4 4.8 7.2

Manual Integrations
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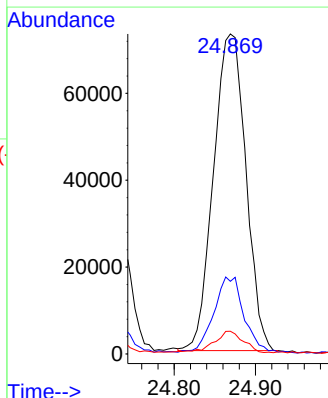
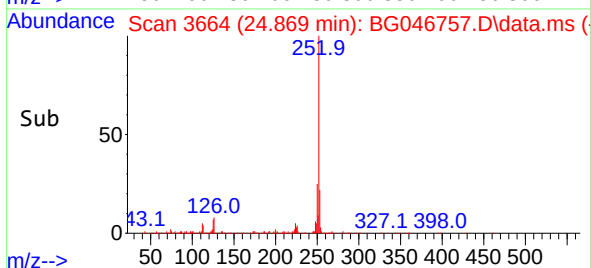
mohammad
10/5/2020 10:19:36 AM

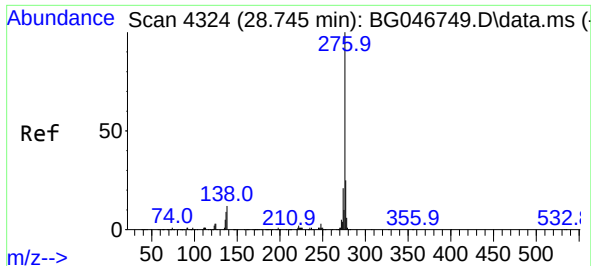


#91
Benzo(a)pyrene
Concen: 6.22 ng/ul
RT: 24.869 min Scan# 3664
Delta R.T. -0.002 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07



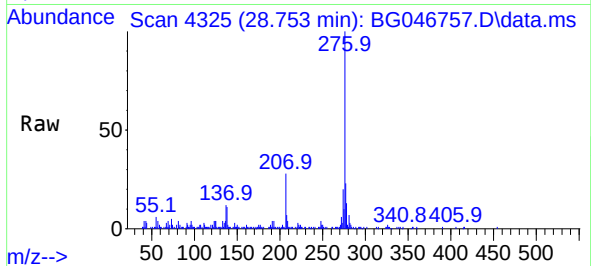
Tgt Ion:252 Resp: 202123
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 7.1 5.4 8.2





#92
Indeno(1,2,3-cd)pyrene
Concen: 3.73 ng/ul
RT: 28.753 min Scan# 4325
Delta R.T. -0.008 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

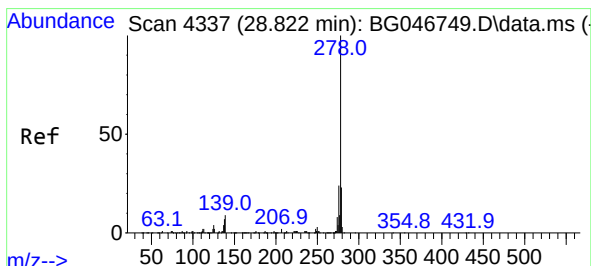
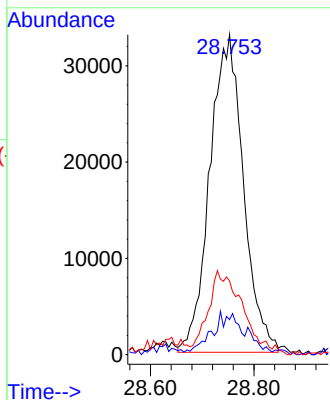
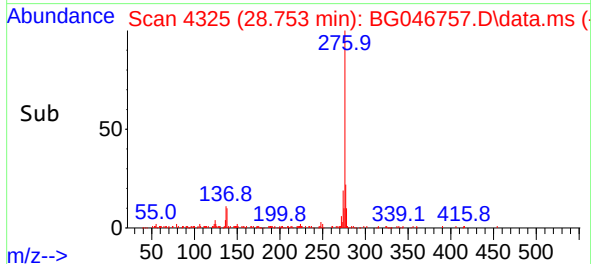
Instrument :
BNA_G
ClientSampled :
CB7L2



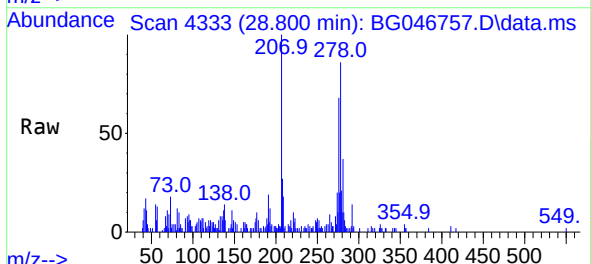
Tgt Ion:276 Resp: 148731
Ion Ratio Lower Upper
276 100
138 10.9 9.7 14.5
277 23.0 18.2 27.4

Manual Integrations
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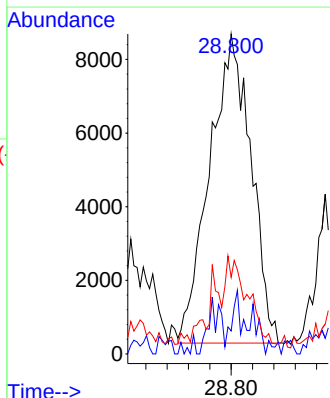
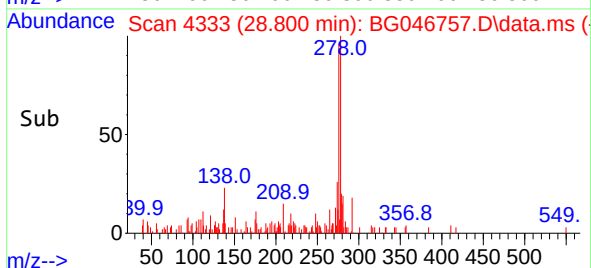
mohammad
10/5/2020 10:19:36 AM

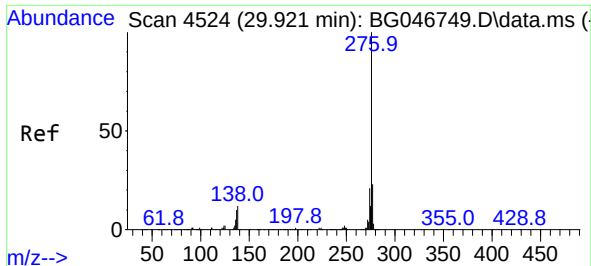


#93
Dibenzo(a,h)anthracene
Concen: 1.37 ng/ul m
RT: 28.800 min Scan# 4333
Delta R.T. -0.037 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07



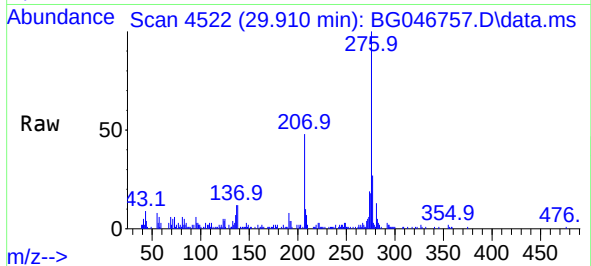
Tgt Ion:278 Resp: 45165
Ion Ratio Lower Upper
278 100
139 7.2 7.2 10.8#
279 24.0 17.8 26.6





#94
Benzo(g,h,i)perylene
Concen: 3.13 ng/ul
RT: 29.910 min Scan# 4522
Delta R.T. -0.019 min
Lab File: BG046757.D
Acq: 3 Oct 2020 5:07

Instrument :
BNA_G
ClientSampled :
CB7L2



Tgt Ion:276 Resp: 104445
Ion Ratio Lower Upper
276 100
138 11.6 10.2 15.4
277 27.3 19.0 28.6

Manual Integrations
APPROVED

mohammad
10/5/2020 10:19:36 AM

