

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081121\
 Data File : BG049807.D
 Acq On : 12 Aug 2021 3:57
 Operator : CG/JU
 Sample : M3287-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGB09

Manual Integrations
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Quant Time: Aug 12 04:56:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 10 16:55:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	30368	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	135211	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	89729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	174748	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	148293	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	156395	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2198	3.384	ng/uL	0.00
4) Pyridine-d5	3.848	84	14282m	7.327	ng/ul	0.00
7) Phenol-d5	7.197	99	54230	19.677	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.355	67	31498	19.896	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	42013	21.298	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	41449	19.724	ng/ul	0.00
21) Nitrobenzene-d5	9.206	128	24113	22.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	26330	21.647	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	48006	20.931	ng/ul	0.00
31) 4-Chloroaniline-d4	10.992	131	53564	17.060	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	165667	23.527	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	198639	23.711	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	18892	16.594	ng/ul	0.00
60) Fluorene-d10	15.685	176	142568	23.554	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	15181	12.908	ng/ul	0.00
73) Anthracene-d10	17.542	188	195962	23.756	ng/ul	0.00
81) Pyrene-d10	19.833	212	214202	26.216	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	206448	24.091	ng/ul	0.01
Target Compounds					Qvalue	
16) Acetophenone	8.877	105	3644	1.045	ng/ul#	68
30) Naphthalene	10.909	128	16600	2.351	ng/ul	99
36) 2-Methylnaphthalene	12.519	142	5573	1.031	ng/ul	86
72) Phenanthrene	17.483	178	108695	11.752	ng/ul	98
74) Anthracene	17.577	178	17980m	1.943	ng/ul	
77) Carbazole	17.841	167	8948	1.082	ng/ul	94
80) Fluoranthene	19.492	202	206275	20.456	ng/ul	99
82) Pyrene	19.856	202	188756	18.768	ng/ul	98
85) Benzo(a)anthracene	21.707	228	97567	10.021	ng/ul	99
87) Chrysene	21.771	228	102795	11.305	ng/ul	96
90) Benzo(b)fluoranthene	23.962	252	143558	14.044	ng/ul#	87
91) Benzo(k)fluoranthene	24.015	252	39991	3.940	ng/ul#	97
93) Benzo(a)pyrene	24.849	252	90866	10.098	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.762	276	64063m	5.425	ng/ul	
95) Dibenzo(a,h)anthracene	28.803	278	21340m	2.166	ng/ul	
96) Benzo(g,h,i)perylene	29.937	276	60169m	6.127	ng/ul	

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

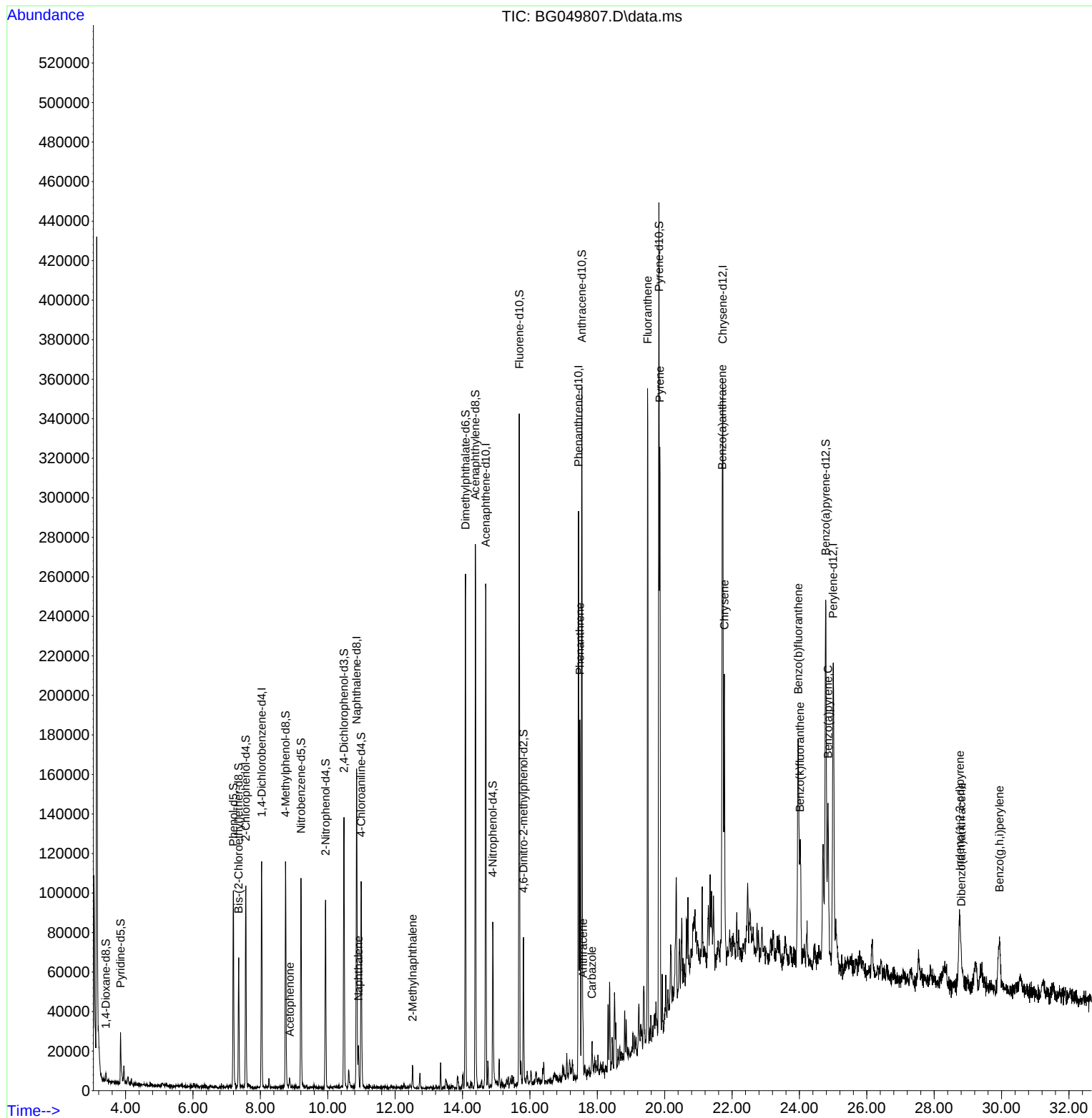
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Data File : BG049807.D
Acq On : 12 Aug 2021 3:57
Operator : CG/JU
Sample : M3287-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

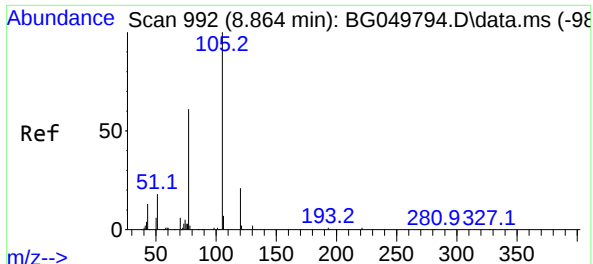
Instrument :
BNA_G
ClientSampled :
BGB09

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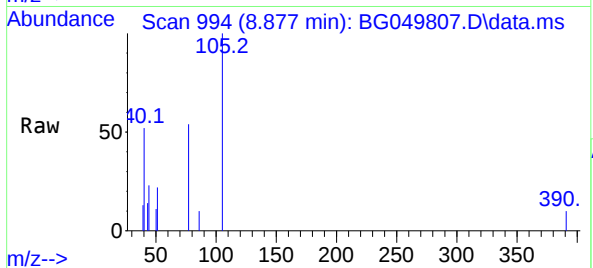
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 10 16:55:58 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.045 ng/ul
RT: 8.877 min Scan# 994
Delta R.T. 0.013 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

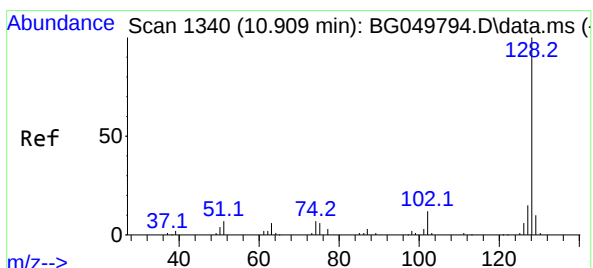
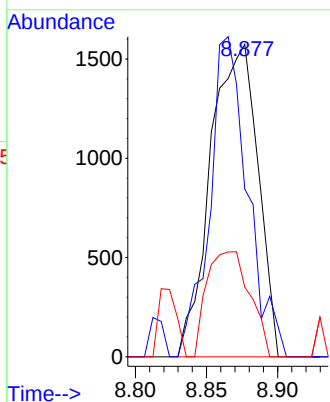
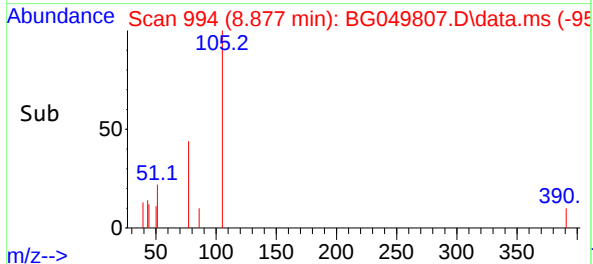
Instrument :
BNA_G
ClientSampled :
BGB09



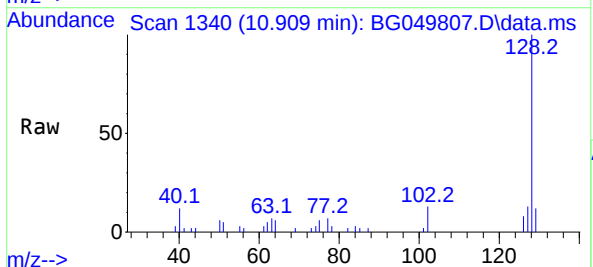
Tgt Ion:105 Resp: 3644
Ion Ratio Lower Upper
105 100
77 53.7 70.4 105.6#
51 22.3 25.1 37.7#

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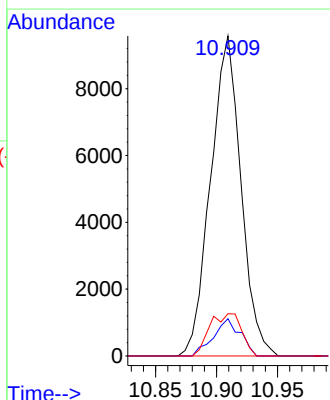
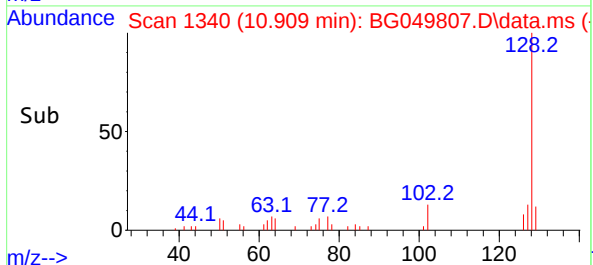
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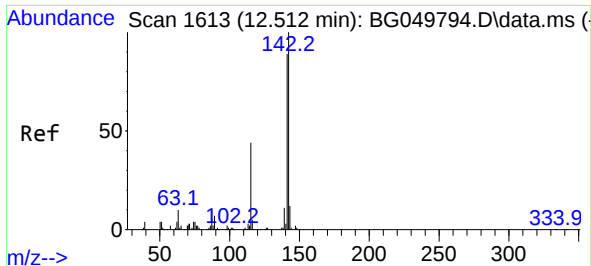


#30
Naphthalene
Concen: 2.351 ng/ul
RT: 10.909 min Scan# 1340
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57



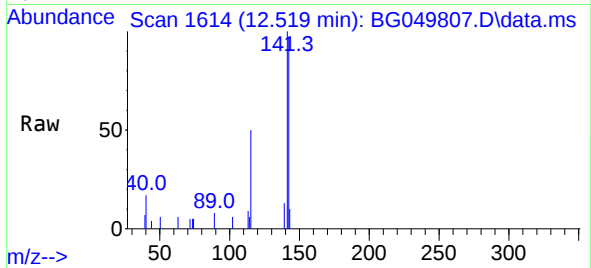
Tgt Ion:128 Resp: 16600
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.2 10.6 16.0





#36
2-Methylnaphthalene
Concen: 1.031 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

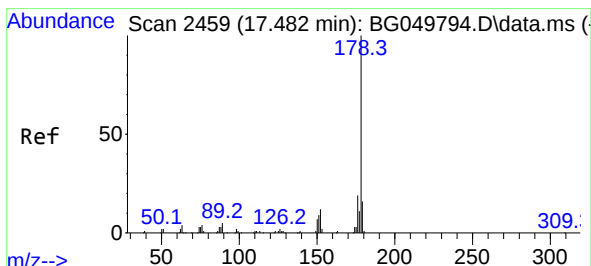
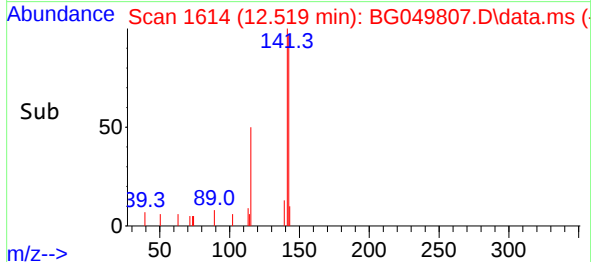
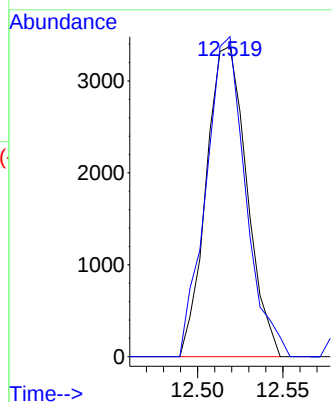
Instrument :
BNA_G
ClientSampled :
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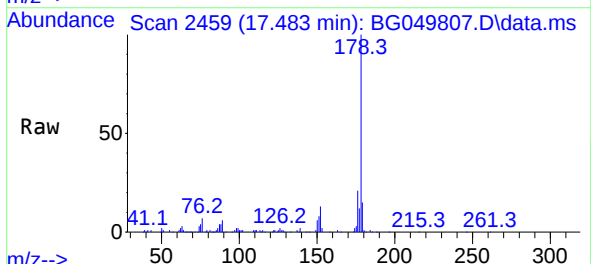
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Ion Ratio Lower Upper
142 100
141 103.1 71.8 107.8

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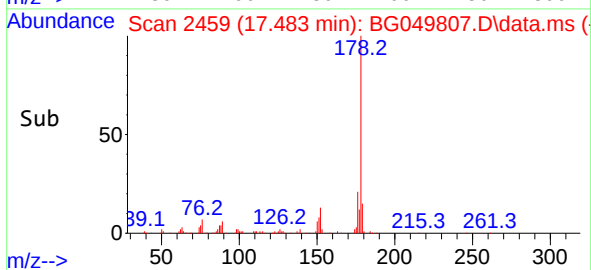
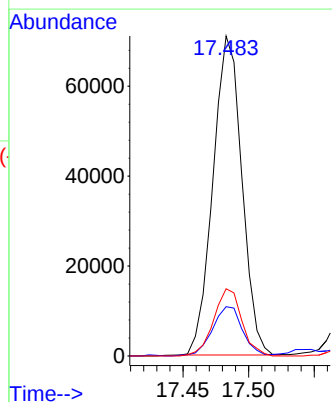
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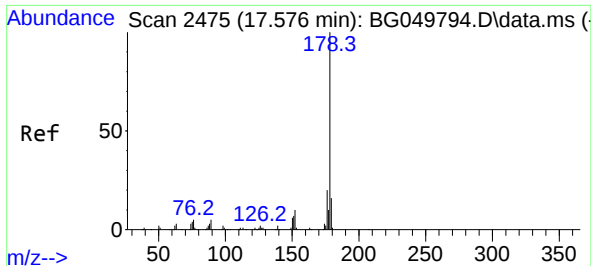


#72
Phenanthrene
Concen: 11.752 ng/ul
RT: 17.483 min Scan# 2459
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57



Tgt Ion:178 Resp: 108695
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 21.0 15.4 23.2





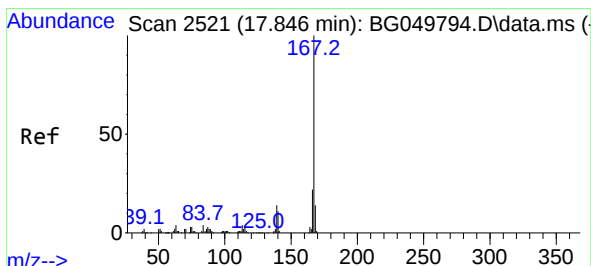
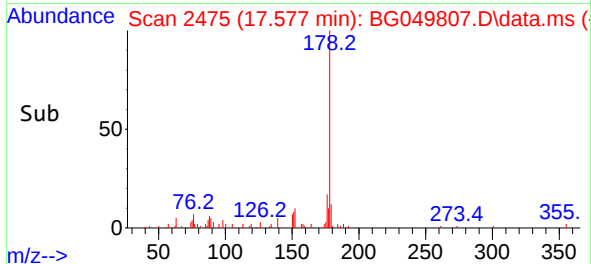
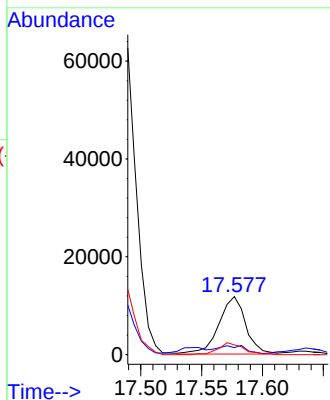
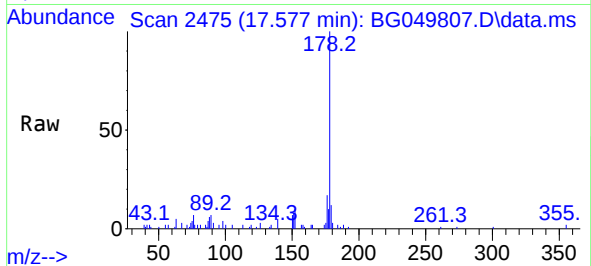
#74
 Anthracene
 Concen: 1.943 ng/ul m
 RT: 17.577 min Scan# 2475
 Delta R.T. 0.001 min
 Lab File: BG049807.D
 Acq: 12 Aug 2021 3:57

Tgt Ion:178 Resp: 17980
 Ion Ratio Lower Upper
 178 100
 179 12.0 12.4 18.6#
 176 16.8 14.6 21.8

Instrument :
 BNA_G
 ClientSampled :
 BGB09

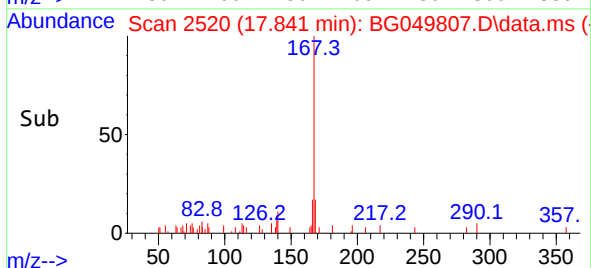
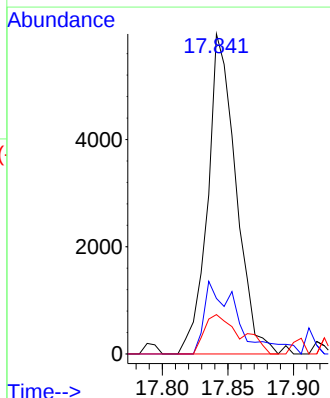
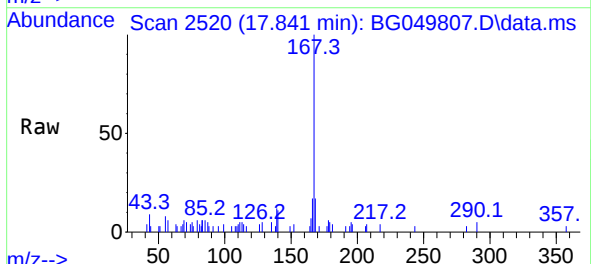
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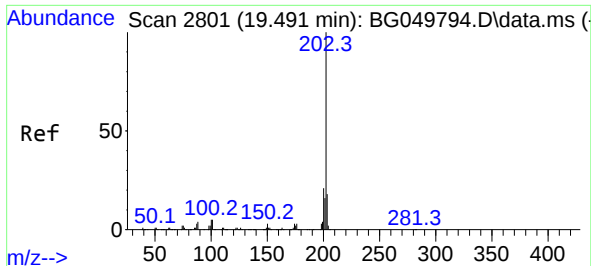
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#77
 Carbazole
 Concen: 1.082 ng/ul
 RT: 17.841 min Scan# 2520
 Delta R.T. -0.005 min
 Lab File: BG049807.D
 Acq: 12 Aug 2021 3:57

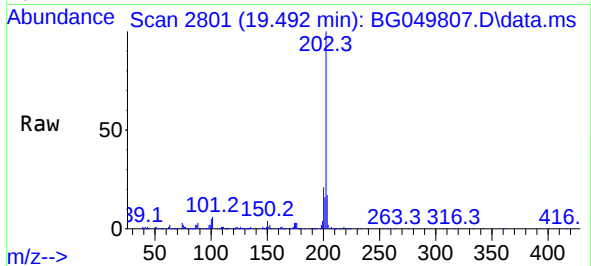
Tgt Ion:167 Resp: 8948
 Ion Ratio Lower Upper
 167 100
 166 17.4 17.3 25.9
 139 12.3 10.4 15.6





#80
Fluoranthene
Concen: 20.456 ng/ul
RT: 19.492 min Scan# 2801
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

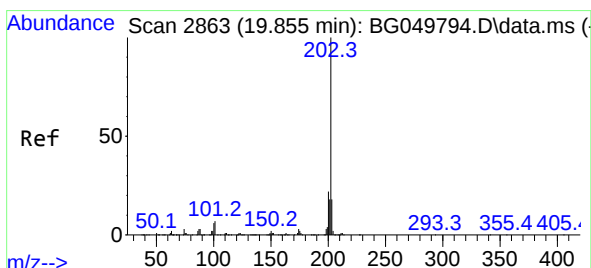
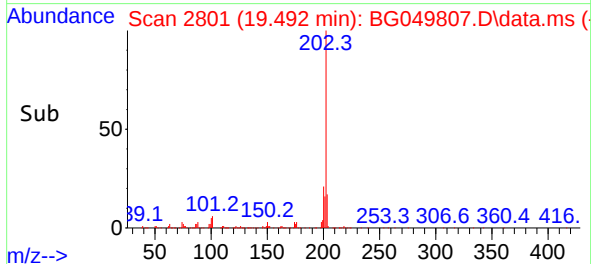
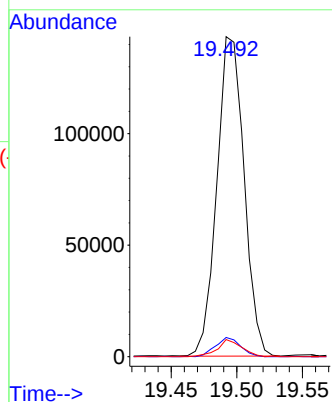
Instrument :
BNA_G
ClientSampled :
BGB09



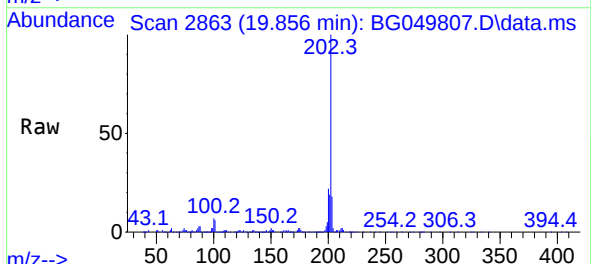
Tgt Ion:202 Resp: 206275
Ion Ratio Lower Upper
202 100
101 6.0 4.8 7.2
100 5.4 3.9 5.9

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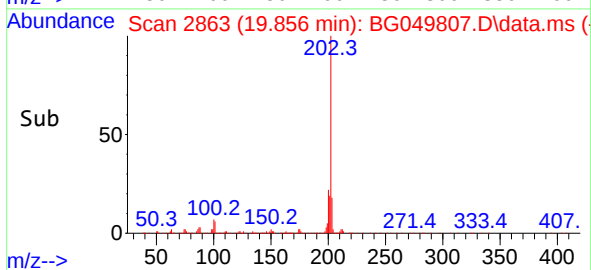
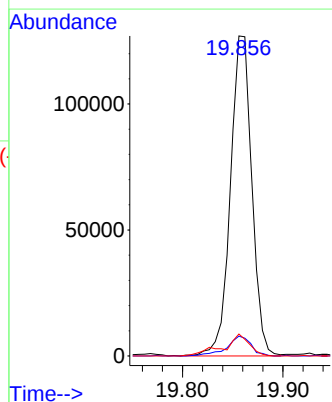
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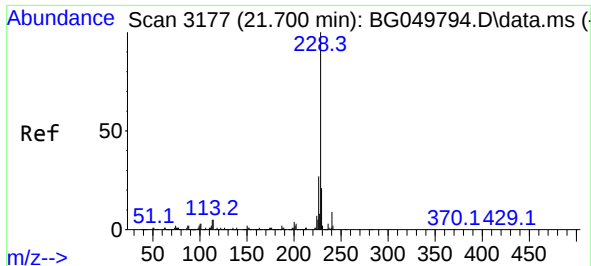


#82
Pyrene
Concen: 18.768 ng/ul
RT: 19.856 min Scan# 2863
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57



Tgt Ion:202 Resp: 188756
Ion Ratio Lower Upper
202 100
101 6.2 5.2 7.8
100 6.8 4.8 7.2





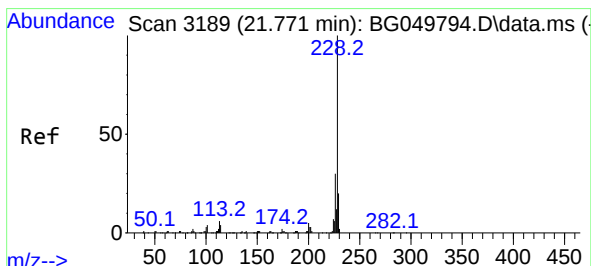
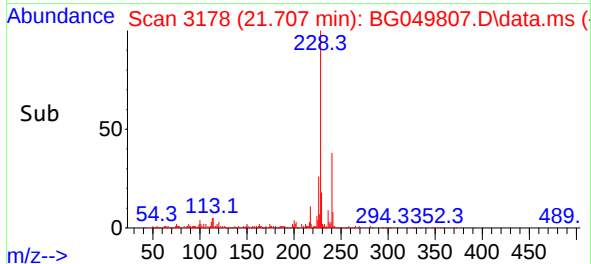
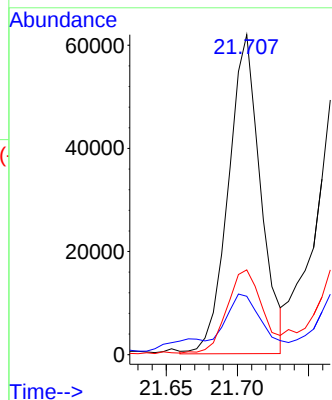
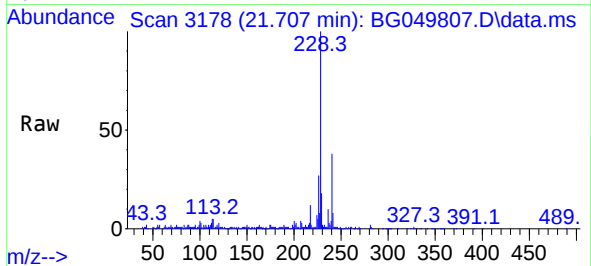
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Benzo(a)anthracene
Concen: 10.021 ng/u1
RT: 21.707 min Scan# 3178
Delta R.T. 0.007 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

Tgt Ion:	228	Resp:	97567
Ion Ratio	Lower	Upper	
228	100		
229	18.3	15.3	22.9
226	26.5	21.0	31.6

Instrument :
BNA_G
ClientSampled :
BGB09

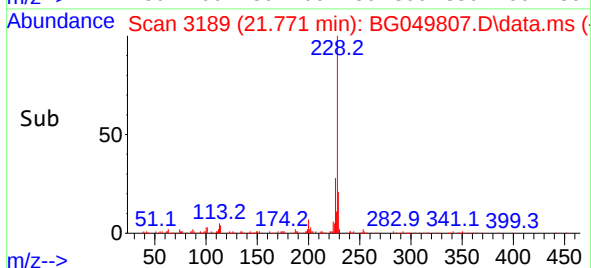
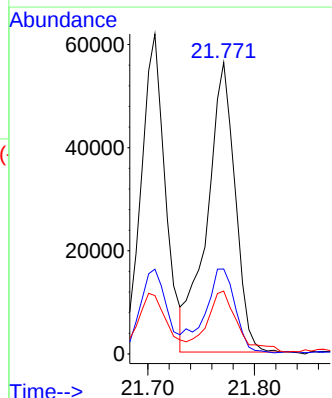
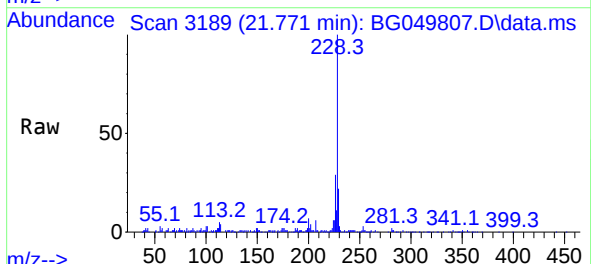
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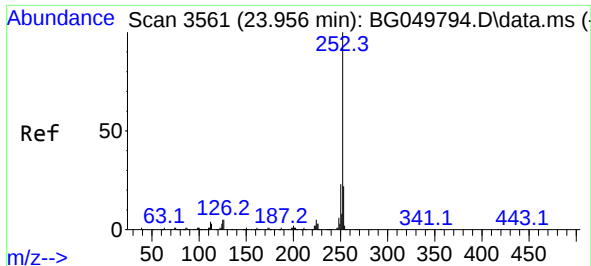
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#87
Chrysene
Concen: 11.305 ng/u1
RT: 21.771 min Scan# 3189
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

Tgt Ion:	228	Resp:	102795
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.7	37.1
229	21.6	15.4	23.2





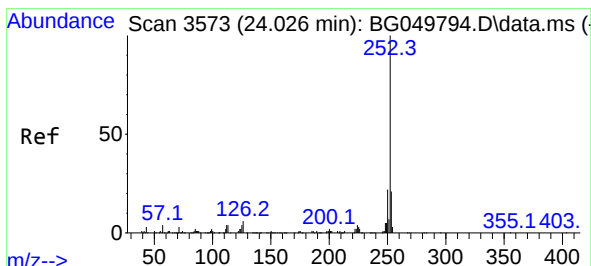
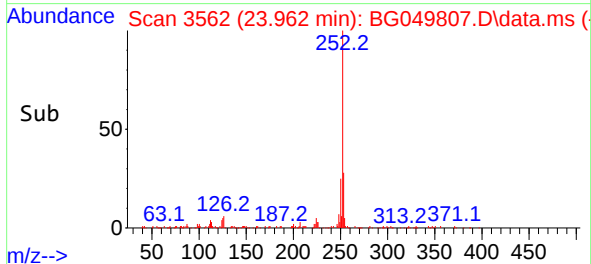
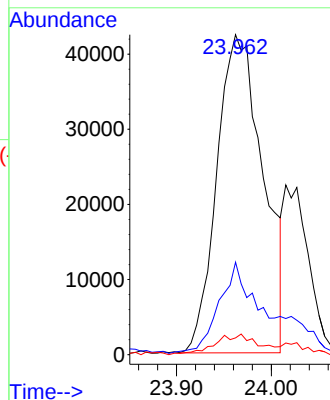
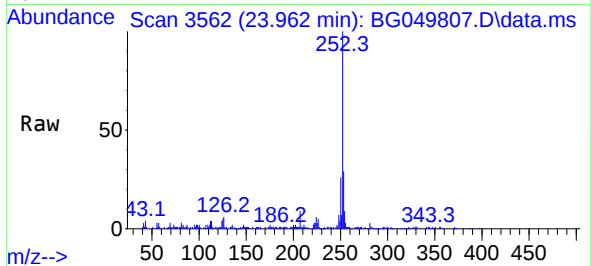
#90
Benzo(b)fluoranthene
Concen: 14.044 ng/ul
RT: 23.962 min Scan# 3562
Delta R.T. 0.013 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

Tgt Ion:252 Resp: 143558
Ion Ratio Lower Upper
252 100
253 28.9 17.4 26.2#
125 5.2 3.7 5.5

Instrument :
BNA_G
ClientSampled :
BGB09

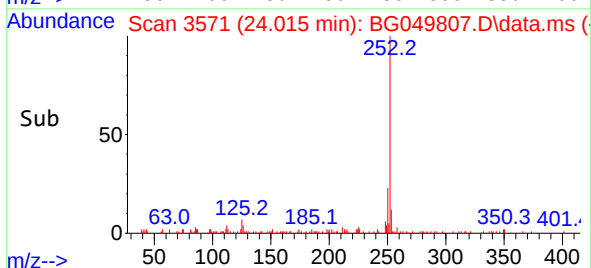
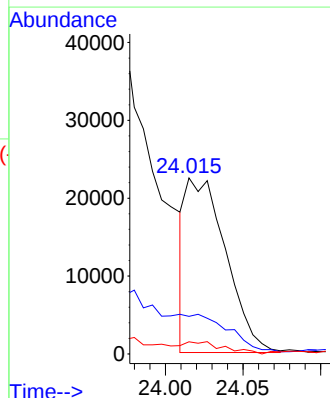
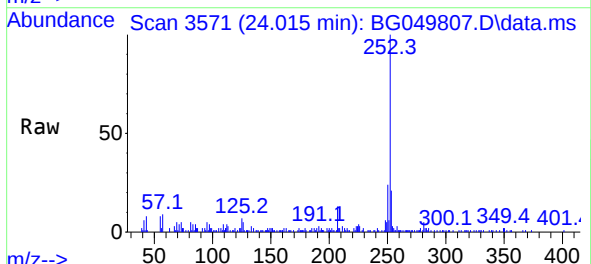
Manual Integrations
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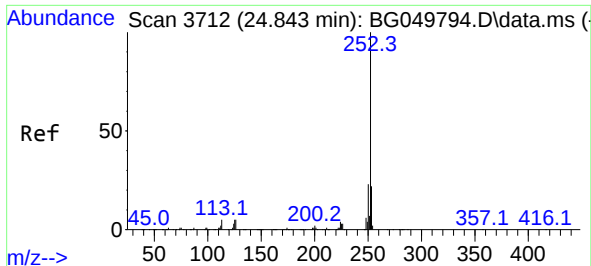
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#91
Benzo(k)fluoranthene
Concen: 3.940 ng/ul
RT: 24.015 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

Tgt Ion:252 Resp: 39991
Ion Ratio Lower Upper
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253 21.3 17.8 26.8
125 6.9 3.8 5.8#





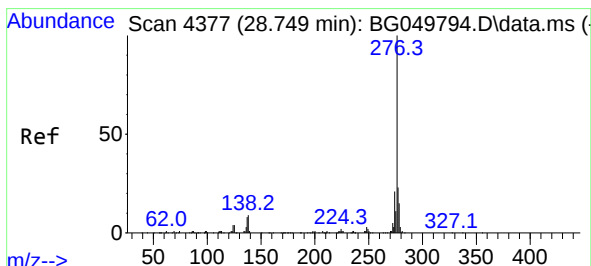
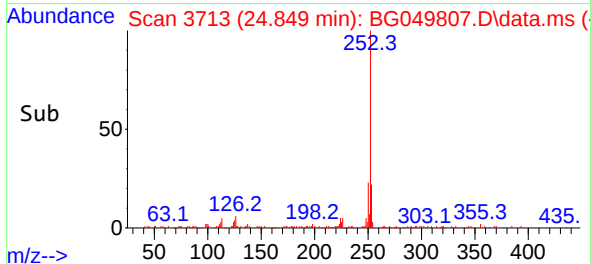
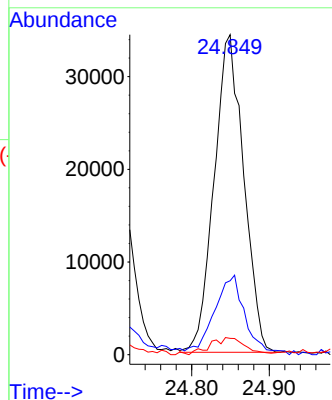
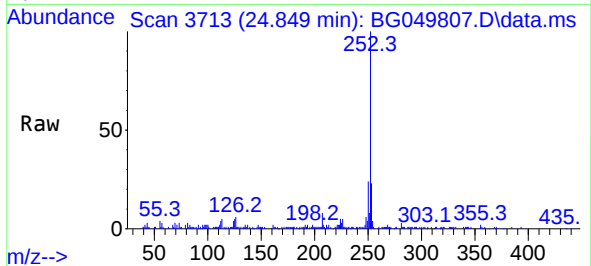
#93
Benzo(a)pyrene
Concen: 10.098 ng/ul
RT: 24.849 min Scan# 3713
Delta R.T. 0.007 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

Tgt Ion:	252	Resp:	90866
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.7	26.5
125	5.1	4.6	7.0

Instrument :
BNA_G
ClientSampleId :
BGB09

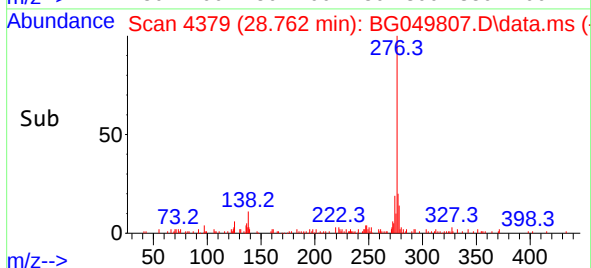
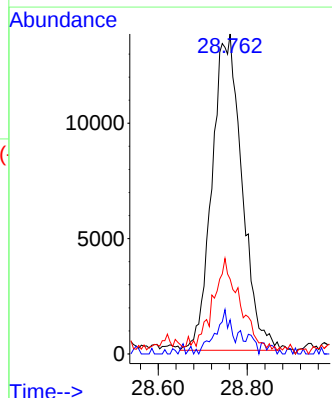
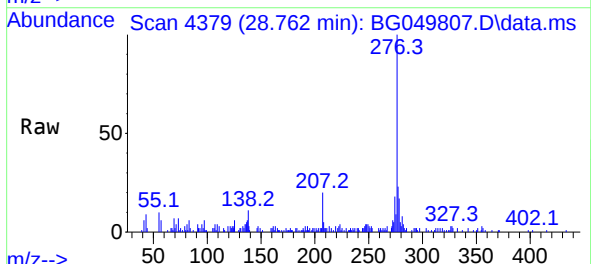
Manual Integrations
APPROVED

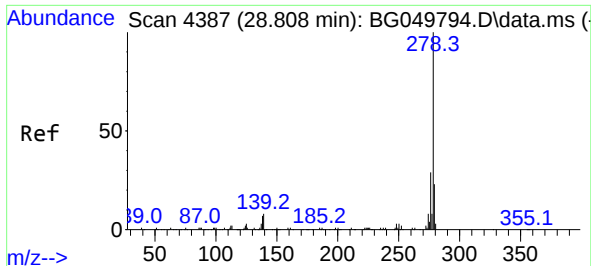
mohammad
8/12/2021 1:35:13 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.425 ng/ul m
RT: 28.762 min Scan# 4379
Delta R.T. 0.024 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

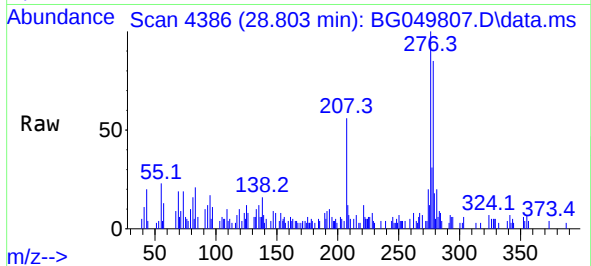
Tgt Ion:	276	Resp:	64063
Ion Ratio	Lower	Upper	
276	100		
138	10.7	6.6	10.0#
277	23.4	19.4	29.2





#95
Dibenzo(a,h)anthracene
Concen: 2.166 ng/ul m
RT: 28.803 min Scan# 4386
Delta R.T. 0.001 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57

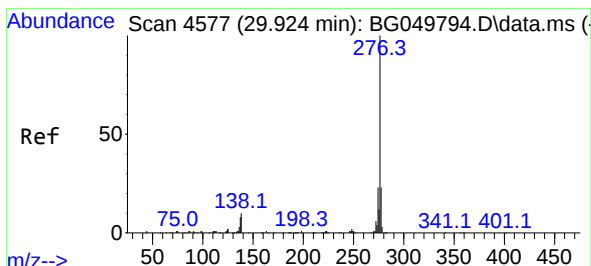
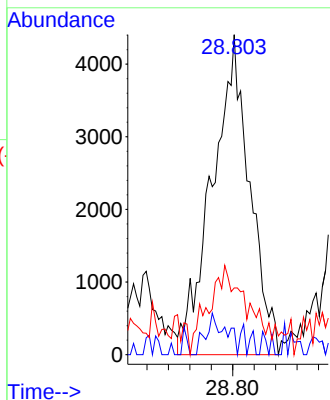
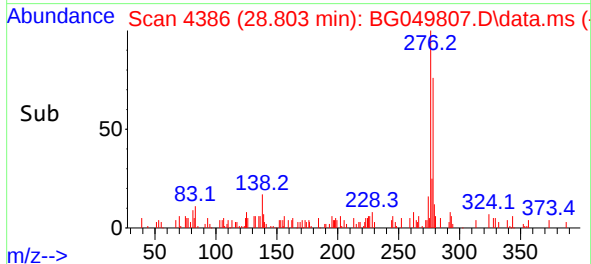
Instrument :
BNA_G
ClientSampled :
BGB09



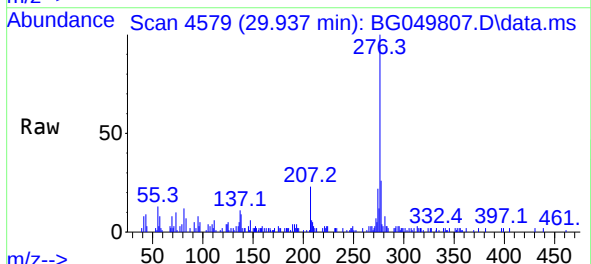
Tgt Ion: 278 Resp: 21340
Ion Ratio Lower Upper
278 100
139 8.3 6.3 9.5
279 20.9 18.9 28.3

Manual Integrations
APPROVED

mohammad
8/12/2021 1:35:13 PM



#96
Benzo(g,h,i)perylene
Concen: 6.127 ng/ul m
RT: 29.937 min Scan# 4579
Delta R.T. 0.030 min
Lab File: BG049807.D
Acq: 12 Aug 2021 3:57



Tgt Ion: 276 Resp: 60169
Ion Ratio Lower Upper
276 100
138 8.7 7.2 10.8
277 25.7 19.5 29.3

