

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049726.D
 Acq On : 8 Aug 2021 6:33
 Operator : CG/JU
 Sample : M3208-04
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C00E4

Manual Integrations
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Quant Time: Aug 09 04:04:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	34371	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	141614	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	93181	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	180767	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.730	240	155857	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	164923	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2017m	2.744	ng/uL	0.00
4) Pyridine-d5	3.861	84	20427	9.260	ng/ul	0.01
7) Phenol-d5	7.197	99	45185	14.485	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	28324	15.808	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	36282	16.251	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	26001	10.932	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	19183	17.196	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	23463	18.417	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	39532	16.457	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	26709	8.122	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	125659	17.184	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	155424	17.865	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	14559	12.314	ng/ul	0.01
60) Fluorene-d10	15.686	176	109994	17.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	15492	12.733	ng/ul	0.00
73) Anthracene-d10	17.542	188	153863m	18.032	ng/ul	0.00
81) Pyrene-d10	19.833	212	161947	18.859	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.785	264	152455	16.871	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.916	128	7916	1.070	ng/ul#	91
50) Acenaphthylene	14.423	152	9386	1.143	ng/ul#	89
72) Phenanthrene	17.489	178	100322	10.486	ng/ul	98
74) Anthracene	17.583	178	11890	1.242	ng/ul	95
77) Carbazole	17.847	167	10448	1.222	ng/ul#	93
80) Fluoranthene	19.498	202	220379	20.794	ng/ul	98
82) Pyrene	19.862	202	185501	17.549	ng/ul	99
85) Benzo(a)anthracene	21.707	228	96308	9.412	ng/ul	96
87) Chrysene	21.777	228	101805	10.652	ng/ul	97
90) Benzo(b)fluoranthene	23.969	252	138553	12.853	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	51501m	4.812	ng/ul	
93) Benzo(a)pyrene	24.856	252	89436	9.425	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.768	276	69827	5.607	ng/ul	98
95) Dibenzo(a,h)anthracene	28.797	278	17456m	1.680	ng/ul	
96) Benzo(g,h,i)perylene	29.937	276	23330m	2.253	ng/ul	

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

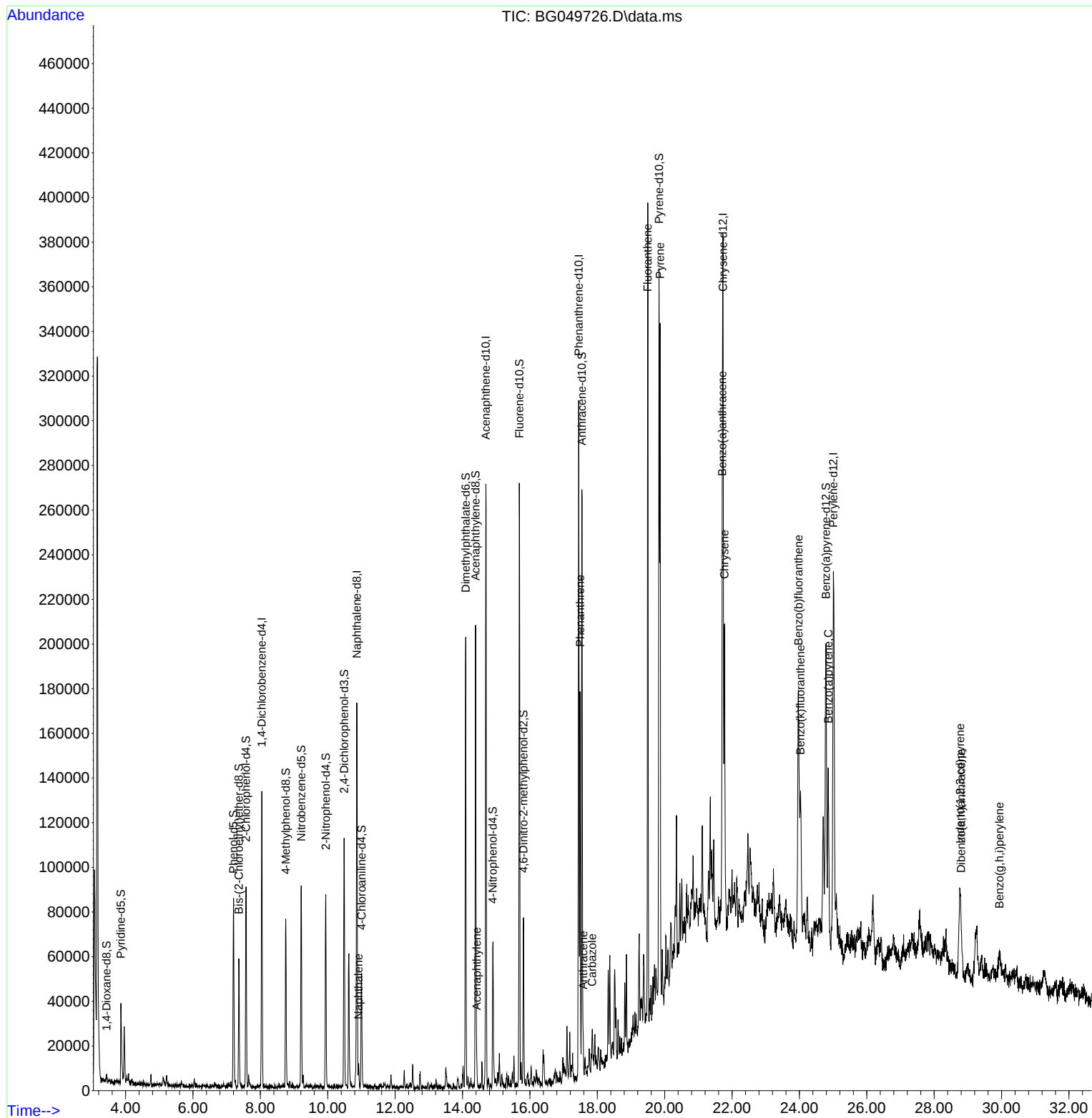
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Data File : BG049726.D
Acq On : 8 Aug 2021 6:33
Operator : CG/JU
Sample : M3208-04
Misc :
ALS Vial : 59 Sample Multiplier: 1

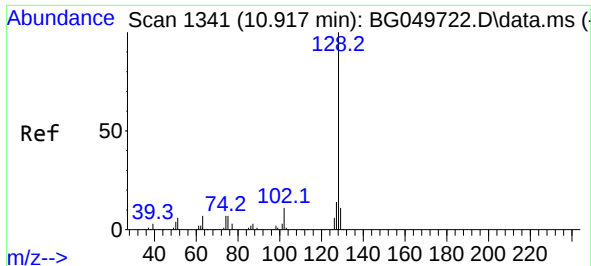
Instrument :
BNA_G
ClientSampled :
C00E4

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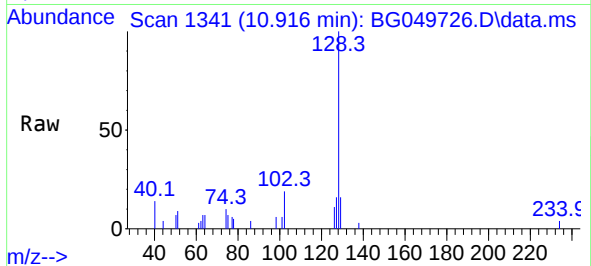
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Quant Time: Aug 09 04:04:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

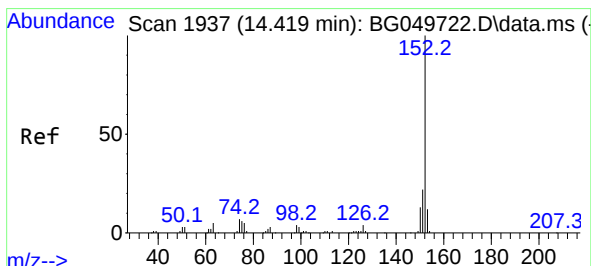
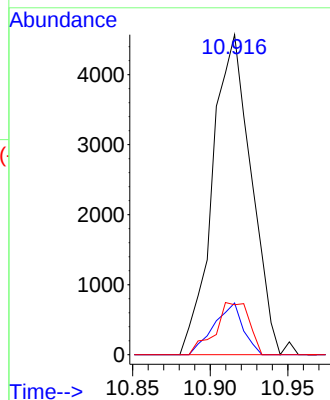
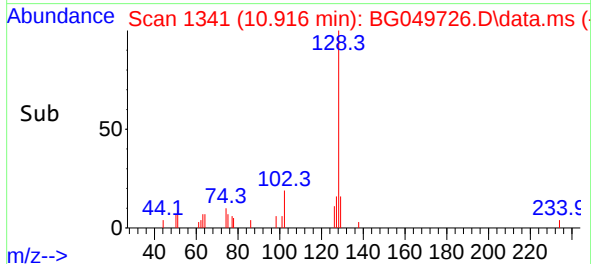




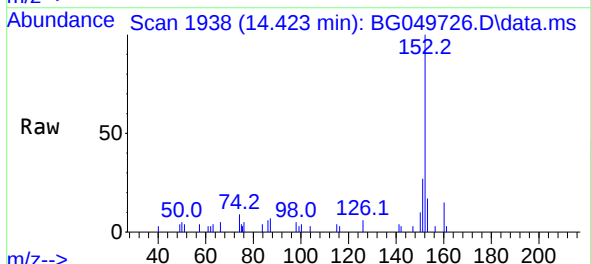
#30
Naphthalene
Concen: 1.070 ng/ul
RT: 10.916 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33



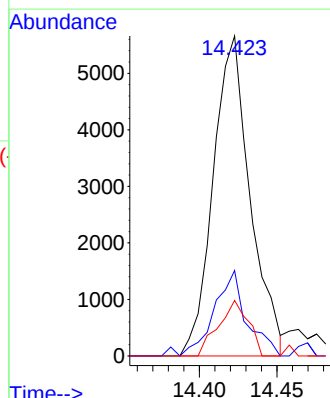
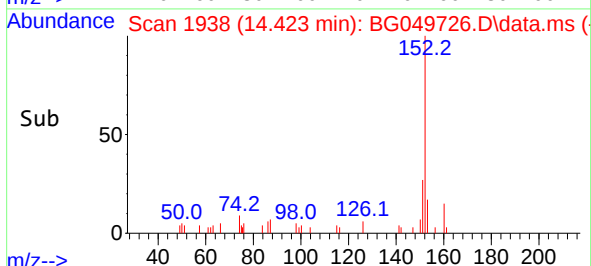
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Ion Ratio Lower Upper
128 100
129 16.1 8.7 13.1#
127 15.6 10.6 16.0



#50
Acenaphthylene
Concen: 1.143 ng/ul
RT: 14.423 min Scan# 1938
Delta R.T. 0.006 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33



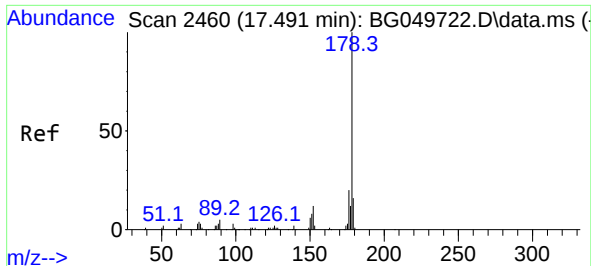
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Ion Ratio Lower Upper
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151 26.7 16.3 24.5#
153 17.3 11.4 17.0#



Instrument :
BNA_G
ClientSampled :
C00E4

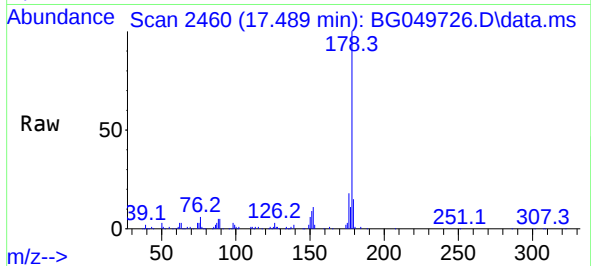
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#72
Phenanthrene
Concen: 10.486 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33

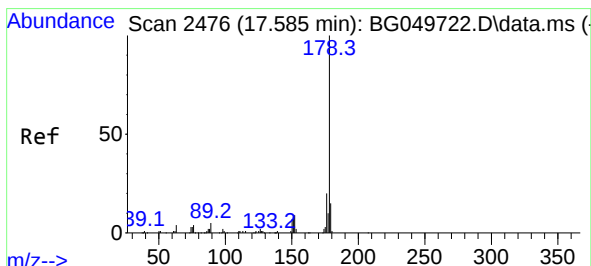
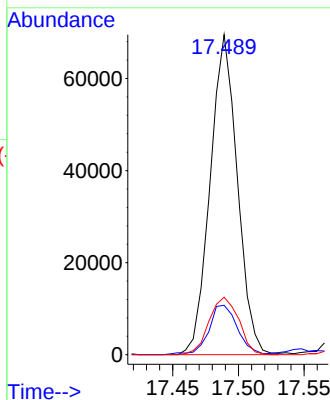
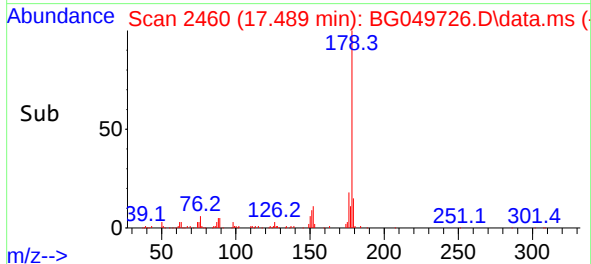
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BNA_G
ClientSampled :
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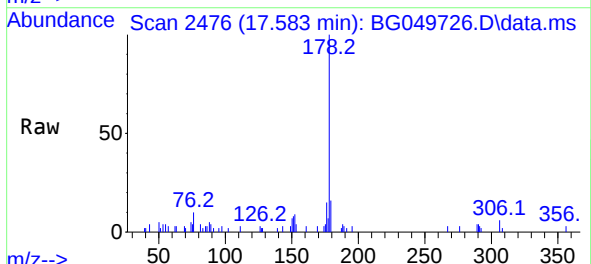
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Ion Ratio Lower Upper
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179 15.5 12.4 18.6
176 18.0 15.4 23.2

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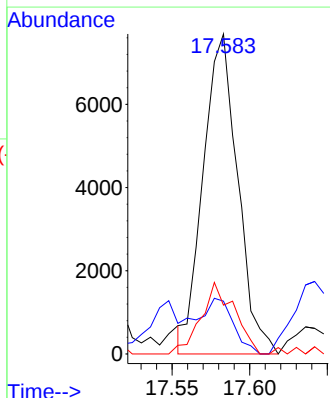
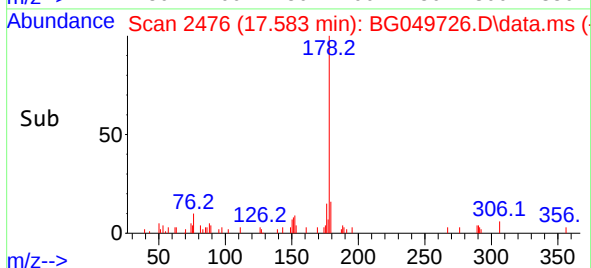
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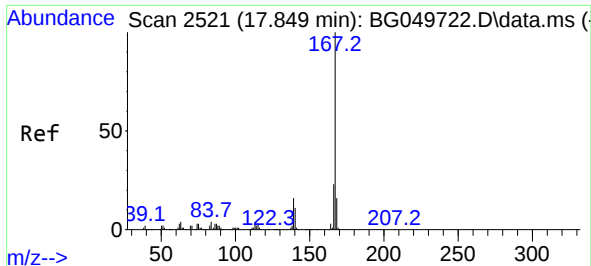


#74
Anthracene
Concen: 1.242 ng/ul
RT: 17.583 min Scan# 2476
Delta R.T. 0.006 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33

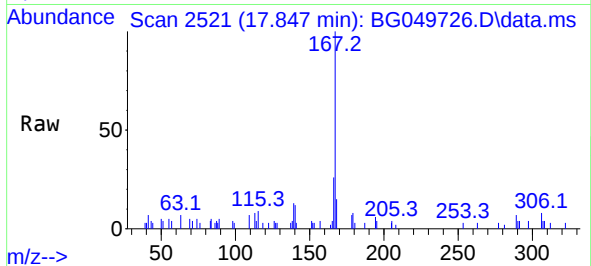


Tgt Ion:178 Resp: 11890
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 15.3 14.6 21.8

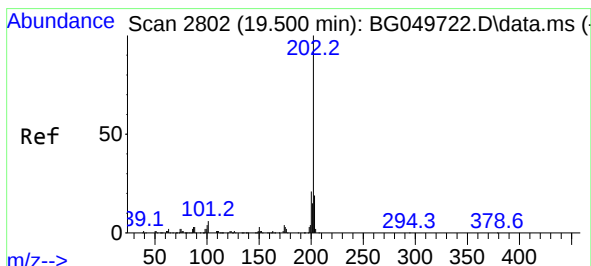
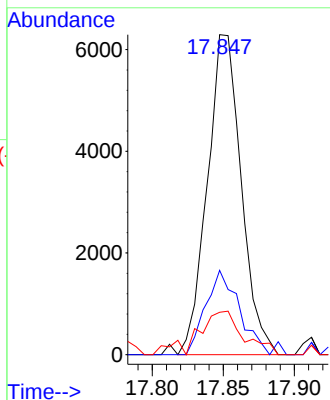
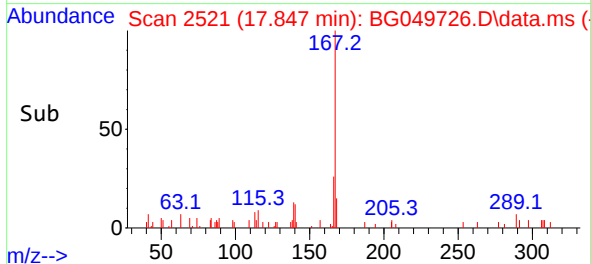




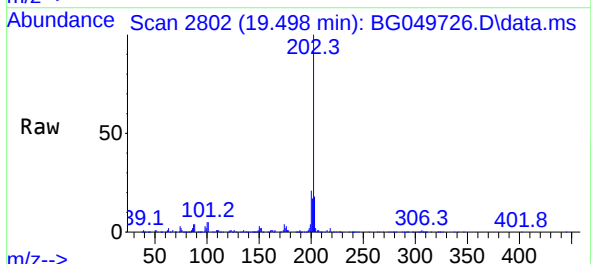
#77
 Carbazole
 Concen: 1.222 ng/ul
 RT: 17.847 min Scan# 2521
 Delta R.T. 0.000 min
 Lab File: BG049726.D
 Acq: 8 Aug 2021 6:33



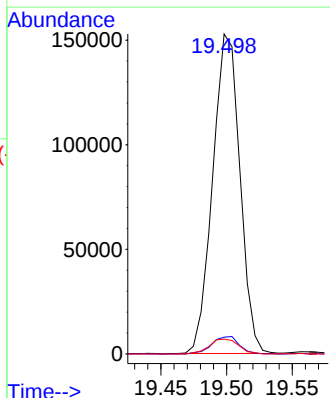
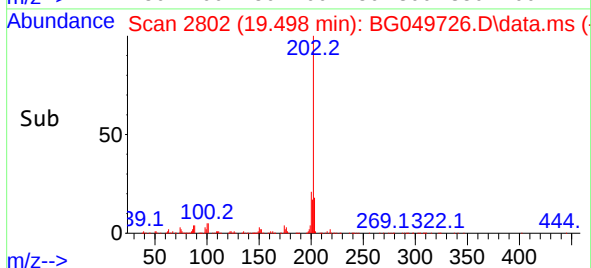
Tgt Ion:167 Resp: 10448
 Ion Ratio Lower Upper
 167 100
 166 26.4 17.3 25.9#
 139 13.2 10.4 15.6



#80
 Fluoranthene
 Concen: 20.794 ng/ul
 RT: 19.498 min Scan# 2802
 Delta R.T. 0.000 min
 Lab File: BG049726.D
 Acq: 8 Aug 2021 6:33



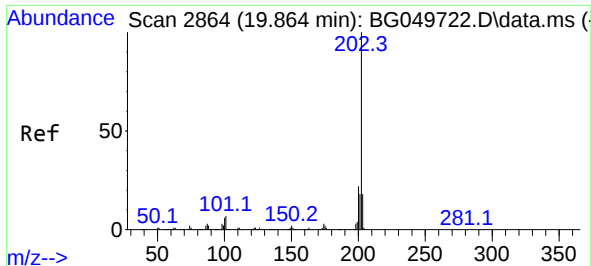
Tgt Ion:202 Resp: 220379
 Ion Ratio Lower Upper
 202 100
 101 5.2 4.8 7.2
 100 4.7 3.9 5.9



Instrument :
 BNA_G
 ClientSampled :
 C00E4

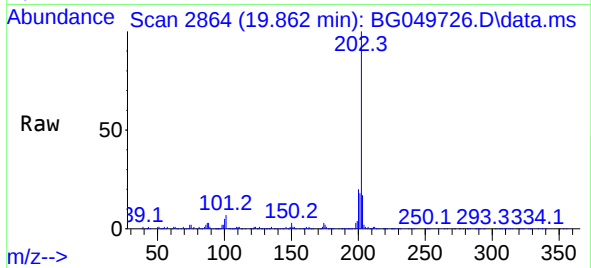
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#82
Pyrene
Concen: 17.549 ng/u1
RT: 19.862 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33

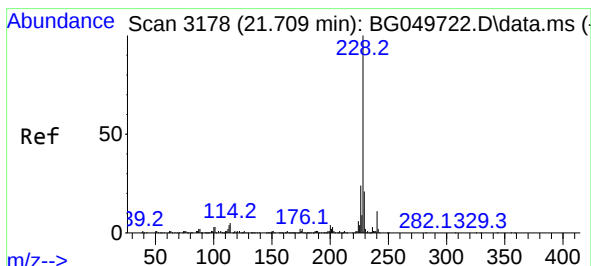
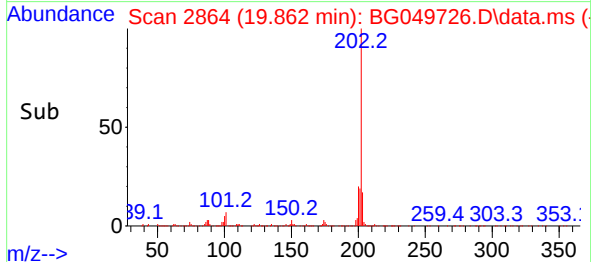
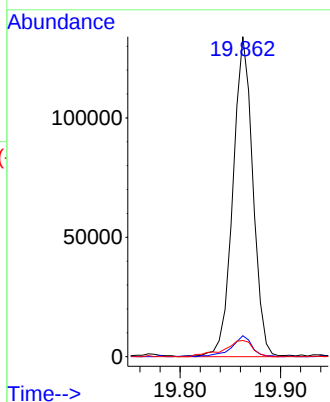
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BNA_G
ClientSampled :
C00E4



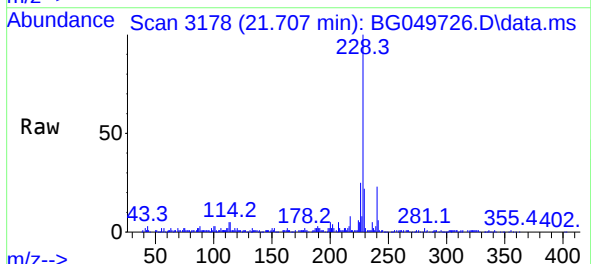
Tgt Ion:202 Resp: 185501
Ion Ratio Lower Upper
202 100
101 6.5 5.2 7.8
100 5.1 4.8 7.2

Manual Integrations
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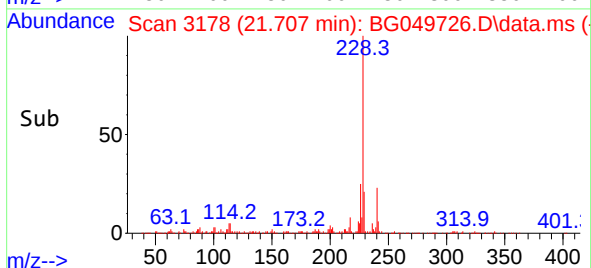
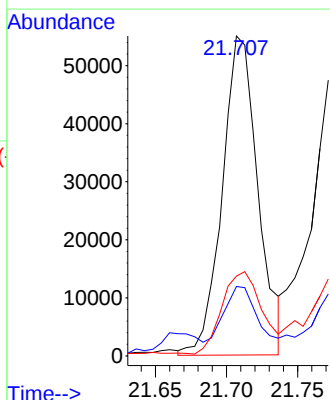
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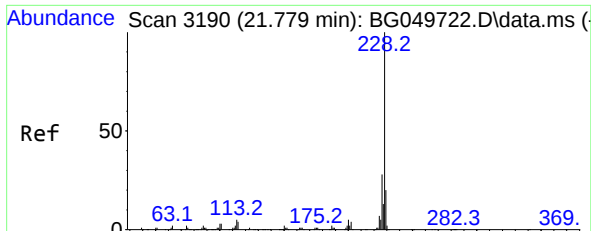


#85
Benzo(a)anthracene
Concen: 9.412 ng/u1
RT: 21.707 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33

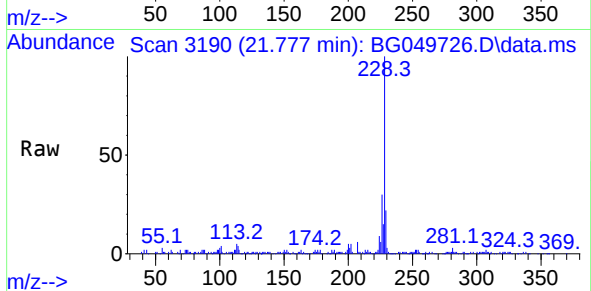


Tgt Ion:228 Resp: 96308
Ion Ratio Lower Upper
228 100
229 21.7 15.3 22.9
226 24.9 21.0 31.6

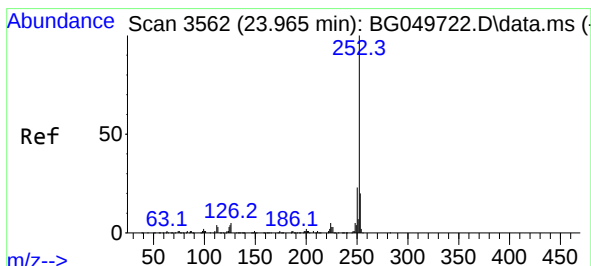
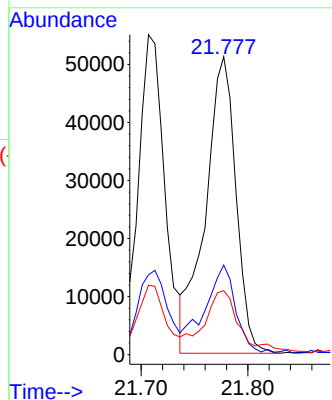
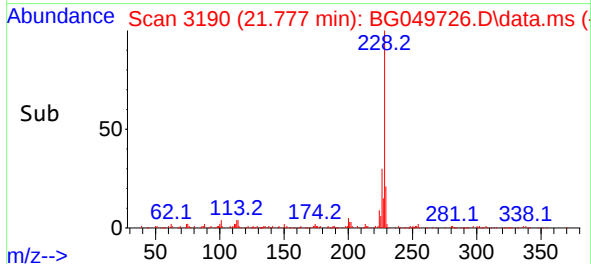




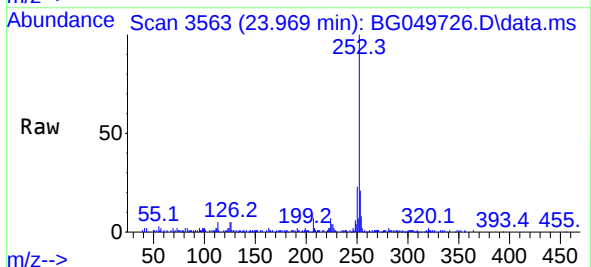
#87
Chrysene
Concen: 10.652 ng/u1
RT: 21.777 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33



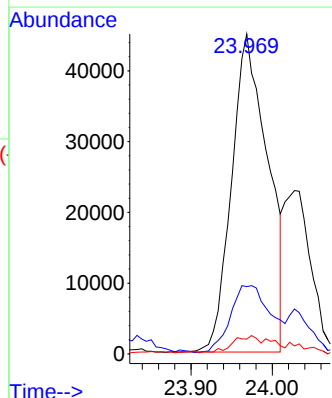
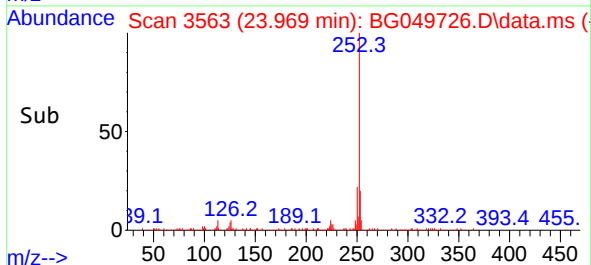
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Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 21.5 15.4 23.2



#90
Benzo(b)fluoranthene
Concen: 12.853 ng/u1
RT: 23.969 min Scan# 3563
Delta R.T. 0.012 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33



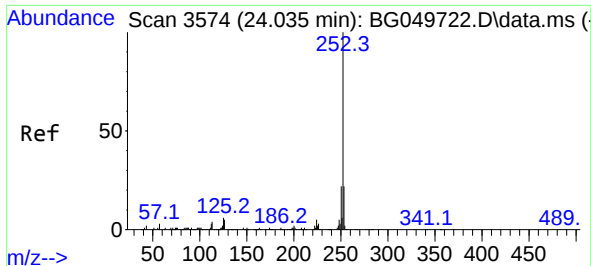
Tgt Ion:252 Resp: 138553
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 4.7 3.7 5.5



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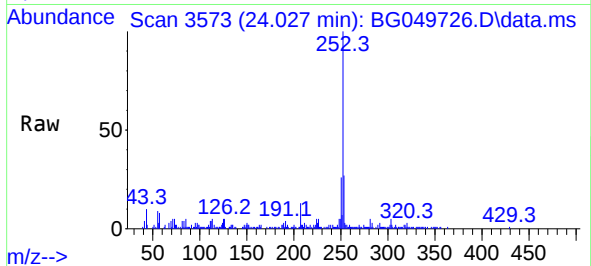
Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 4.812 ng/ul m
RT: 24.027 min Scan# 3573
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Lab File: BG049726.D
Acq: 8 Aug 2021 6:33

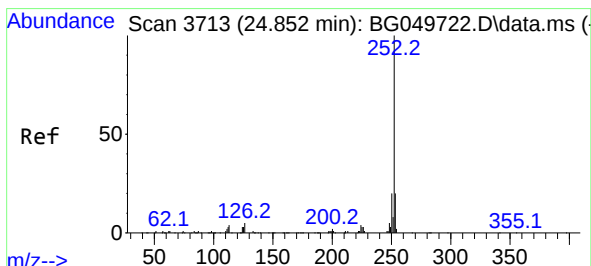
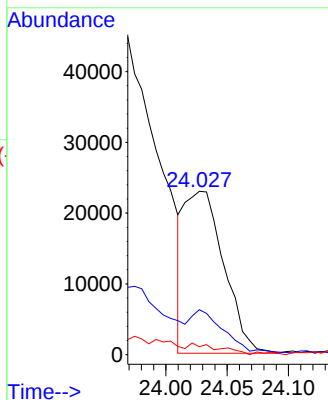
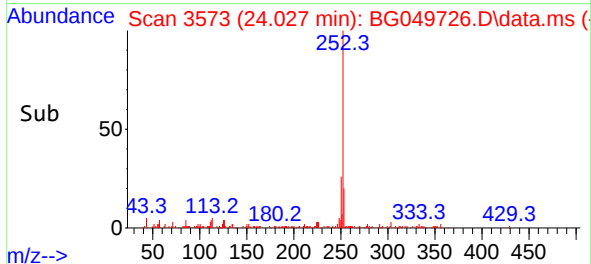
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ClientSampled :
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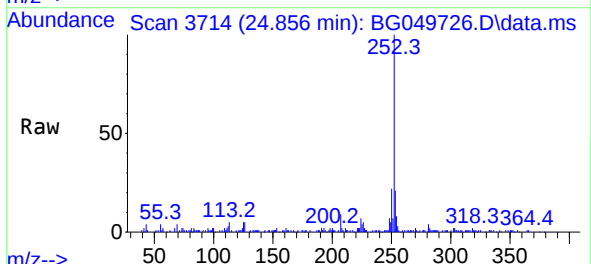
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125 4.9 3.8 5.8

Manual Integrations
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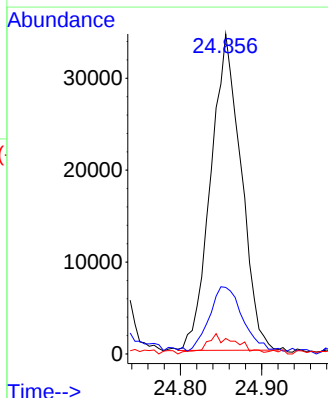
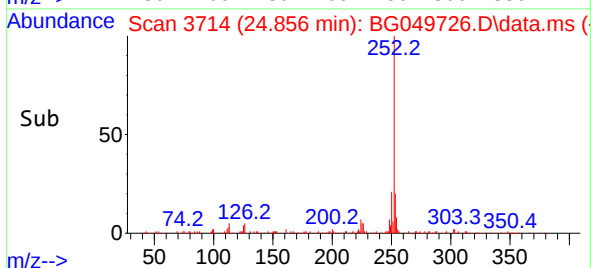
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8/9/2021 12:11:41 PM

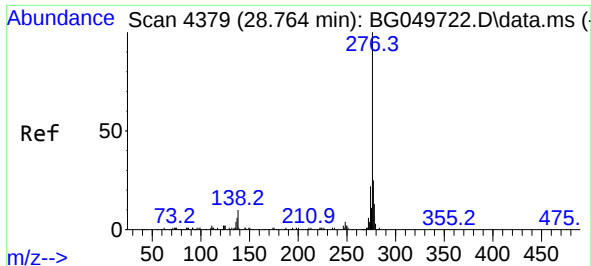


#93
Benzo(a)pyrene
Concen: 9.425 ng/ul
RT: 24.856 min Scan# 3714
Delta R.T. 0.006 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33



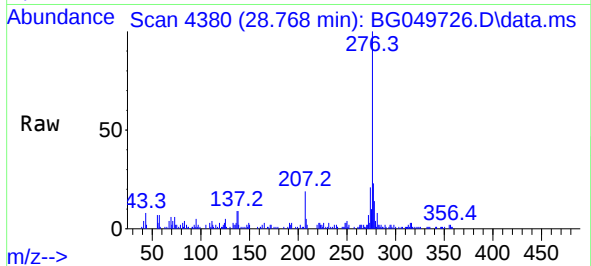
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Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 4.9 4.6 7.0





#94
Indeno(1,2,3-cd)pyrene
Concen: 5.607 ng/ul
RT: 28.768 min Scan# 4380
Delta R.T. 0.024 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33

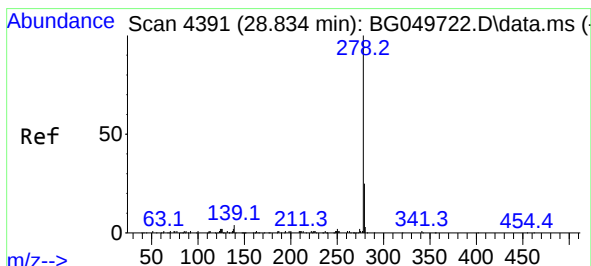
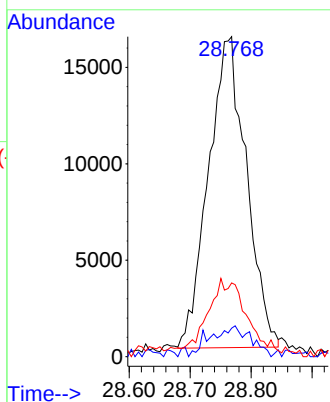
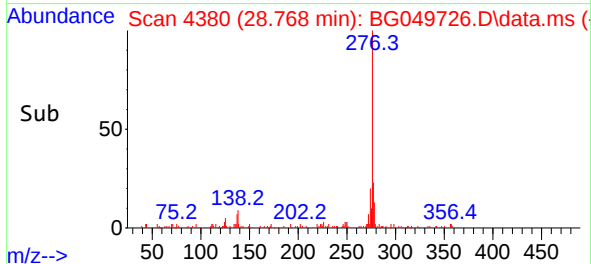
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BNA_G
ClientSampled :
C00E4



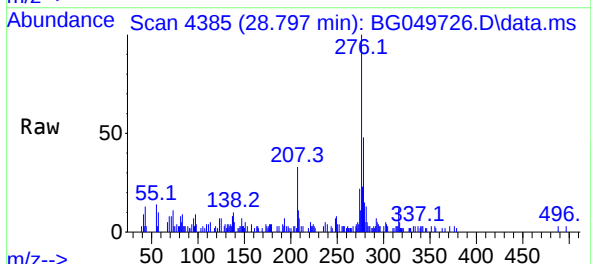
Tgt Ion:276 Resp: 69827
Ion Ratio Lower Upper
276 100
138 8.9 6.6 10.0
277 23.0 19.4 29.2

Manual Integrations
APPROVED

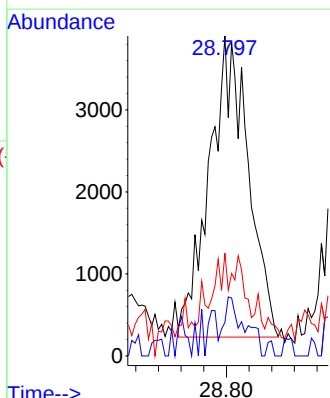
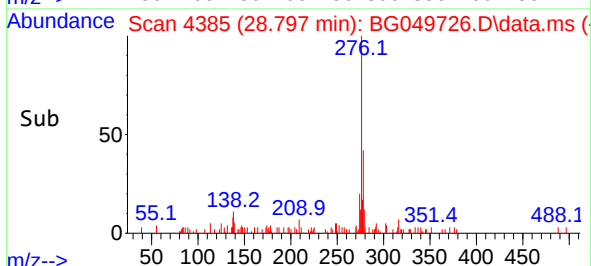
mohammad
8/9/2021 12:11:41 PM

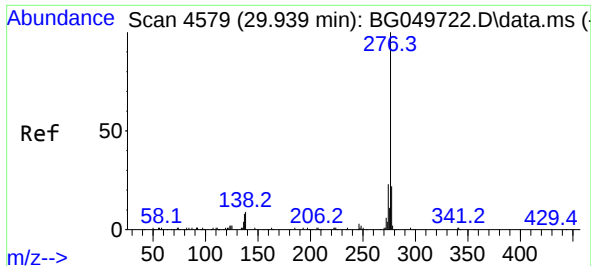


#95
Dibenzo(a,h)anthracene
Concen: 1.680 ng/ul m
RT: 28.797 min Scan# 4385
Delta R.T. -0.023 min
Lab File: BG049726.D
Acq: 8 Aug 2021 6:33



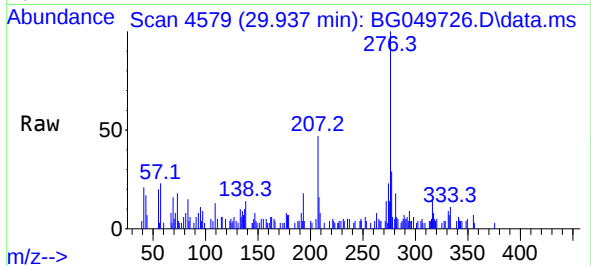
Tgt Ion:278 Resp: 17456
Ion Ratio Lower Upper
278 100
139 10.5 6.3 9.5#
279 32.1 18.9 28.3#





#96
 Benzo(g,h,i)perylene
 Concen: 2.253 ng/ul m
 RT: 29.937 min Scan# 4579
 Delta R.T. 0.018 min
 Lab File: BG049726.D
 Acq: 8 Aug 2021 6:33

Instrument :
 BNA_G
 ClientSampleId :
 C00E4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.0	7.2	10.8#
277	28.8	19.5	29.3

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:11:41 PM

