

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050372.D
 Acq On : 2 Oct 2021 1:57
 Operator : CG/JU
 Sample : M3874-07
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7T1

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:39 AM

Quant Time: Oct 02 03:26:27 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 30 16:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	42157	20.00	ng/ul	0.00
20) Naphthalene-d8	11.096	136	173059	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.885	164	114430	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.629	188	250637	20.00	ng/ul	0.00
79) Chrysene-d12	21.930	240	239707	20.00	ng/ul	-0.02
88) Perylene-d12	25.350	264	242589	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.640	96	2616	2.28	ng/uL	0.00
4) Pyridine-d5	4.069	84	13908	4.07	ng/ul	0.00
7) Phenol-d5	7.400	99	43741	11.88	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.582	67	31249	13.48	ng/ul	0.00
11) 2-Chlorophenol-d4	7.794	132	32516	12.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.957	113	19759	7.09	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	16976	14.02	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.161	143	18229	14.03	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.702	165	30225	11.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.225	131	34684	9.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.280	166	103473	13.21	ng/ul	-0.01
49) Acenaphthylene-d8	14.580	160	132628	13.49	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.044	143	14263m	9.46	ng/ul	-0.01
60) Fluorene-d10	15.872	176	94286	13.36	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.972	200	12757	10.20	ng/ul	-0.01
73) Anthracene-d10	17.729	188	129503	12.23	ng/ul	0.00
81) Pyrene-d10	20.003	212	180046	14.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.115	264	160074	13.12	ng/ul	-0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.950	153	15624	2.37	ng/ul	95
56) Dibenzofuran	15.279	168	11152	1.16	ng/ul#	86
61) Fluorene	15.931	166	19681	2.58	ng/ul	94
72) Phenanthrene	17.670	178	280294	22.40	ng/ul	99
74) Anthracene	17.764	178	64951	5.24	ng/ul	99
77) Carbazole	18.029	167	26944	2.43	ng/ul	95
80) Fluoranthene	19.668	202	367175	22.94	ng/ul	99
82) Pyrene	20.032	202	294016	18.63	ng/ul	98
85) Benzo(a)anthracene	21.907	228	162352	11.23	ng/ul	96
87) Chrysene	21.977	228	134191	9.69	ng/ul	97
90) Benzo(b)fluoranthene	24.263	252	152978	10.35	ng/ul#	97
91) Benzo(k)fluoranthene	24.321	252	48539m	3.53	ng/ul	
93) Benzo(a)pyrene	25.191	252	105435	7.48	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.268	276	62071	3.92	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.321	278	20691m	1.54	ng/ul	
96) Benzo(g,h,i)perylene	30.502	276	44221m	3.31	ng/ul	

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

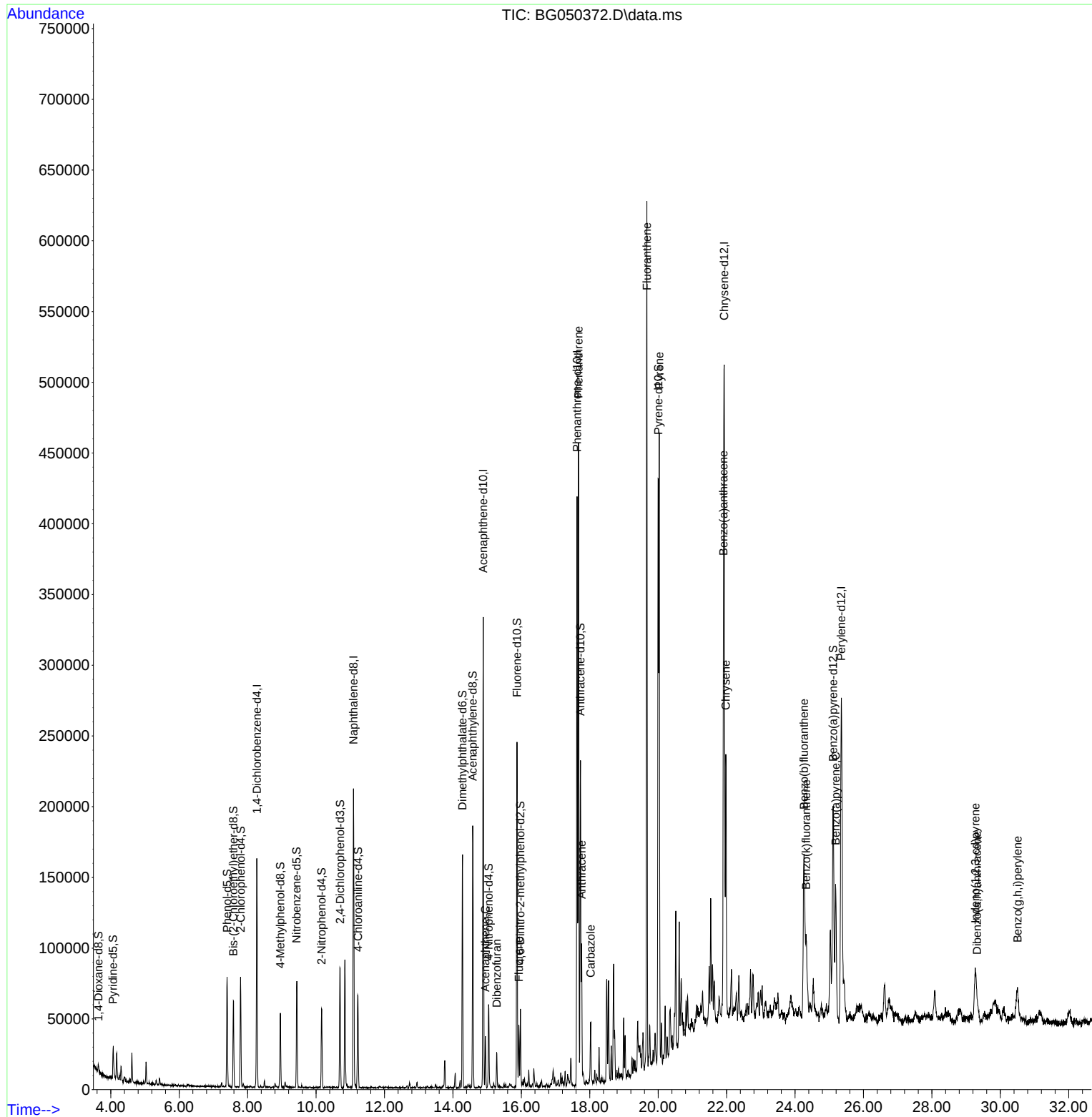
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050372.D
Acq On : 2 Oct 2021 1:57
Operator : CG/JU
Sample : M3874-07
Misc :
ALS Vial : 56 Sample Multiplier: 1

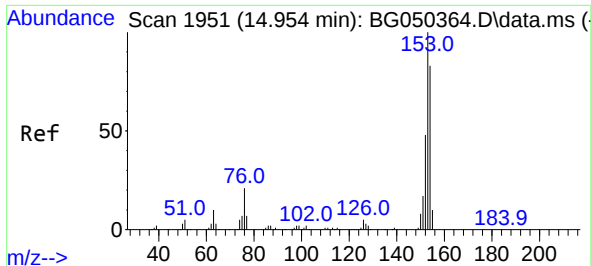
Instrument :
BNA_G
ClientSampleId :
EW7T1

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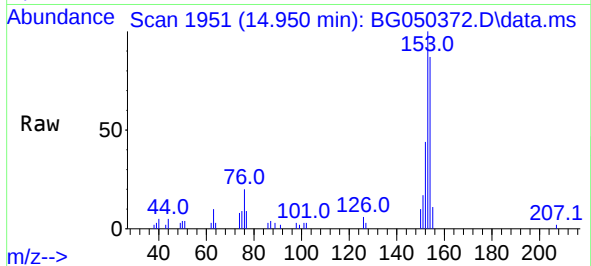
Quant Time: Oct 02 03:26:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 2.37 ng/ul
RT: 14.950 min Scan# 1951
Delta R.T. -0.007 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

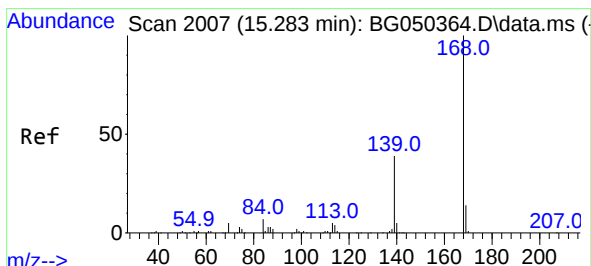
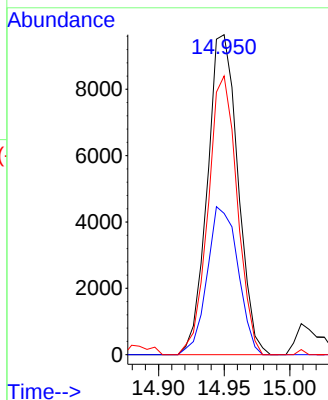
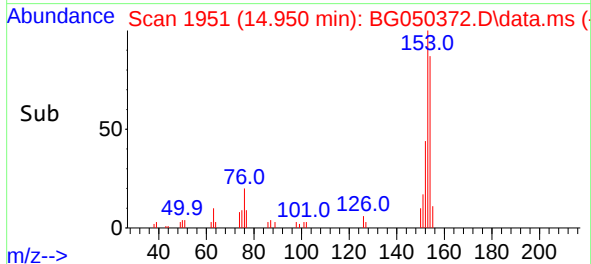
Instrument :
BNA_G
ClientSampled :
EW7T1



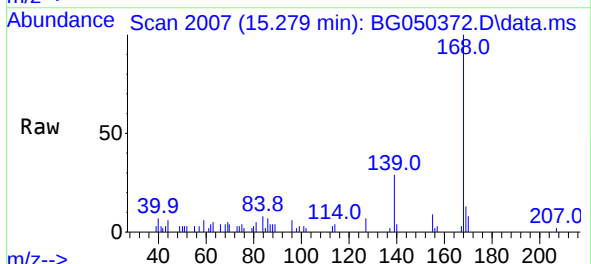
Tgt Ion:153 Resp: 15624
Ion Ratio Lower Upper
153 100
152 44.1 40.2 60.2
154 87.1 68.2 102.2

Manual Integrations
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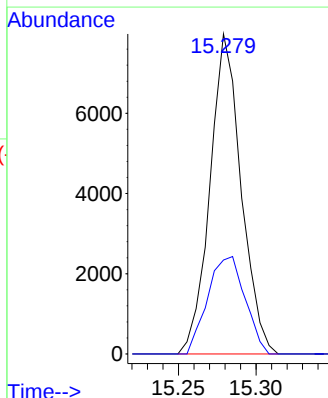
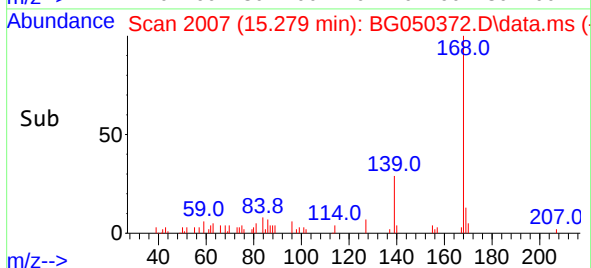
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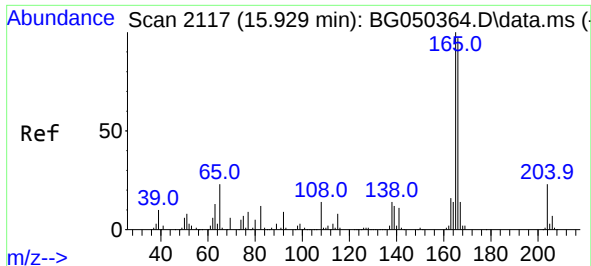


#56
Dibenzofuran
Concen: 1.16 ng/ul
RT: 15.279 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

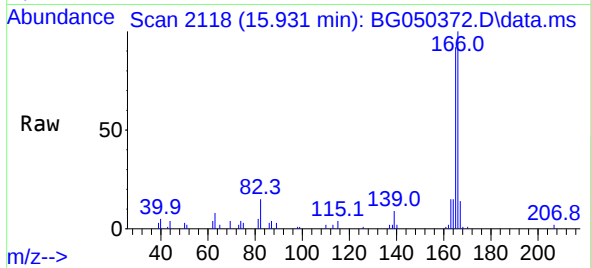


Tgt Ion:168 Resp: 11152
Ion Ratio Lower Upper
168 100
139 29.4 30.2 45.4#

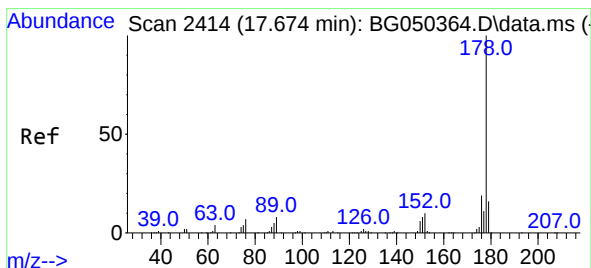
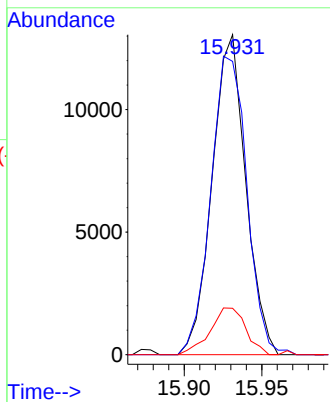
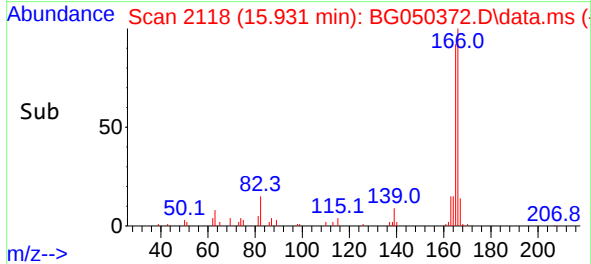




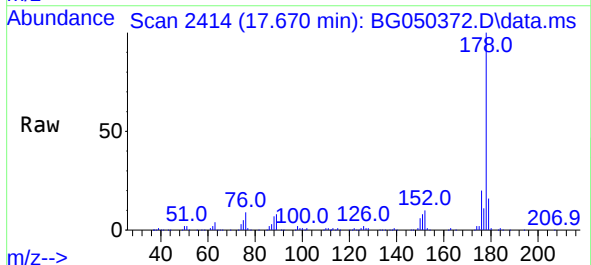
#61
Fluorene
Concen: 2.58 ng/ul
RT: 15.931 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57



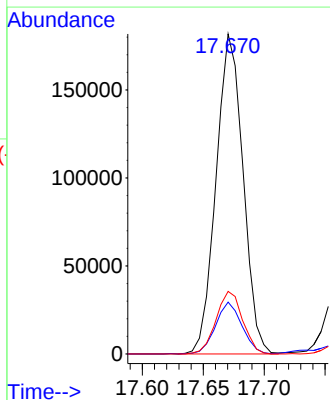
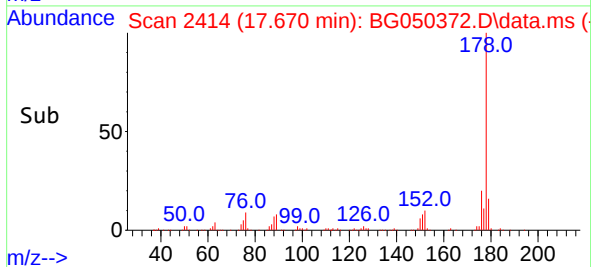
Tgt Ion:166 Resp: 19681
Ion Ratio Lower Upper
166 100
165 91.6 78.6 118.0
167 14.5 10.9 16.3



#72
Phenanthrene
Concen: 22.40 ng/ul
RT: 17.670 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57



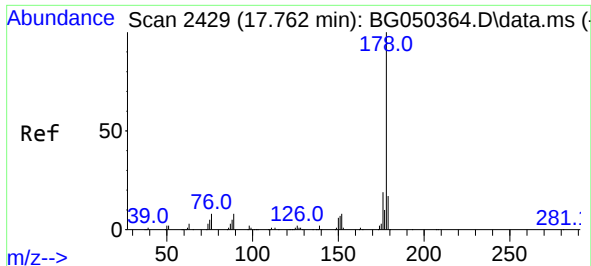
Tgt Ion:178 Resp: 280294
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.6 16.2 24.2



Instrument :
BNA_G
ClientSampled :
EW7T1

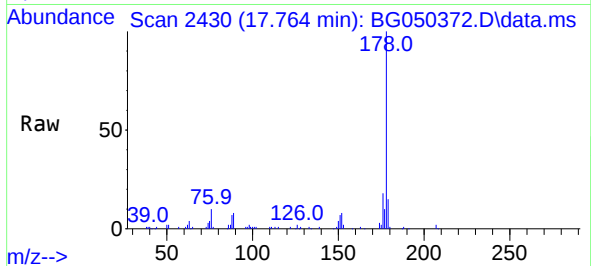
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#74
 Anthracene
 Concen: 5.24 ng/ul
 RT: 17.764 min Scan# 2430
 Delta R.T. -0.007 min
 Lab File: BG050372.D
 Acq: 2 Oct 2021 1:57

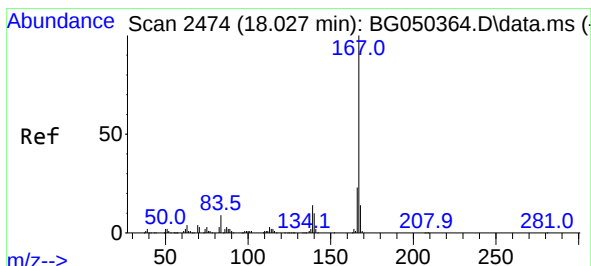
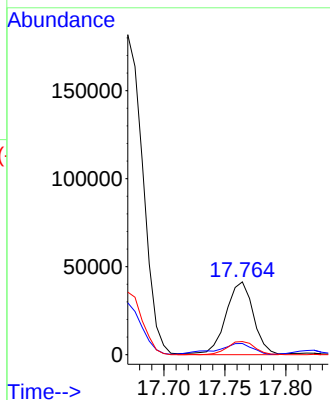
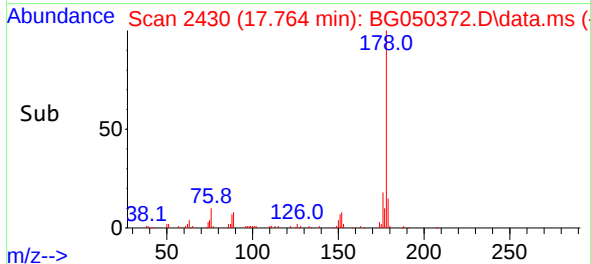
Instrument :
 BNA_G
 ClientSampled :
 EW7T1



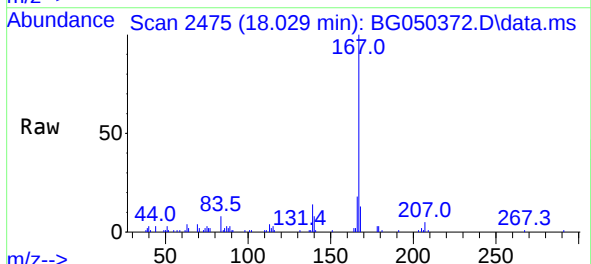
Tgt Ion:178 Resp: 64951
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.7 19.1
 176 18.1 15.0 22.4

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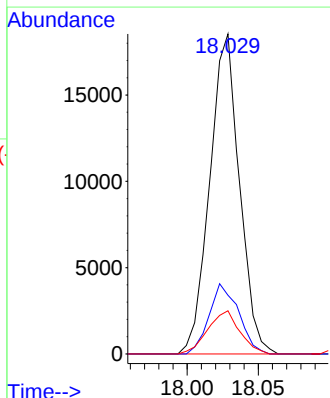
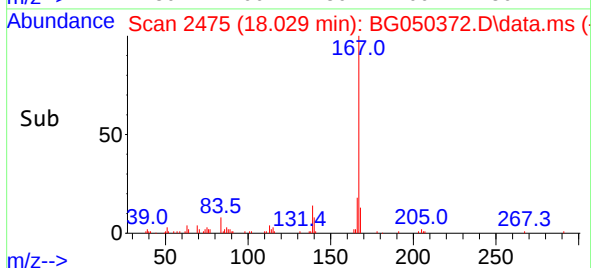
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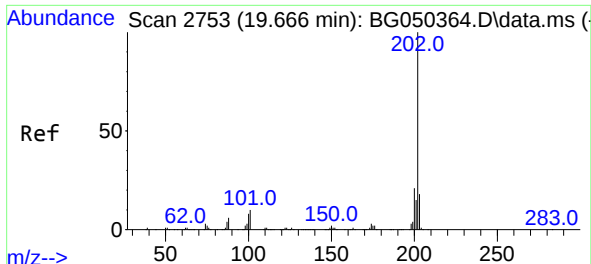


#77
 Carbazole
 Concen: 2.43 ng/ul
 RT: 18.029 min Scan# 2475
 Delta R.T. -0.007 min
 Lab File: BG050372.D
 Acq: 2 Oct 2021 1:57



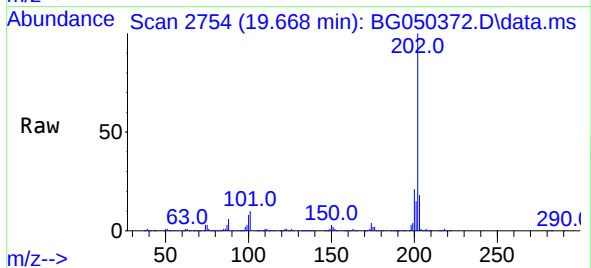
Tgt Ion:167 Resp: 26944
 Ion Ratio Lower Upper
 167 100
 166 18.4 17.6 26.4
 139 13.5 10.5 15.7





#80
Fluoranthene
Concen: 22.94 ng/ul
RT: 19.668 min Scan# 2754
Delta R.T. -0.007 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

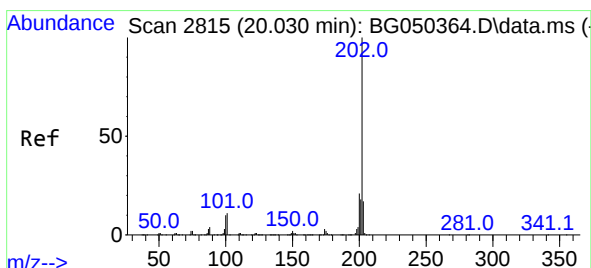
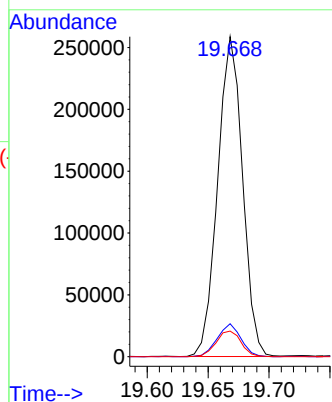
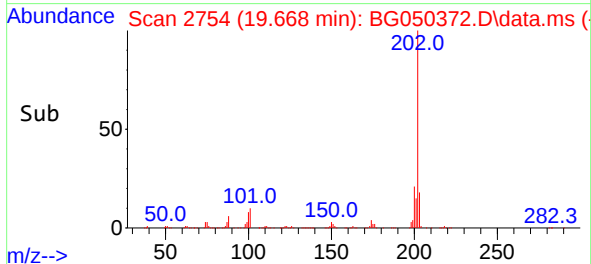
Instrument :
BNA_G
ClientSampleId :
EW7T1



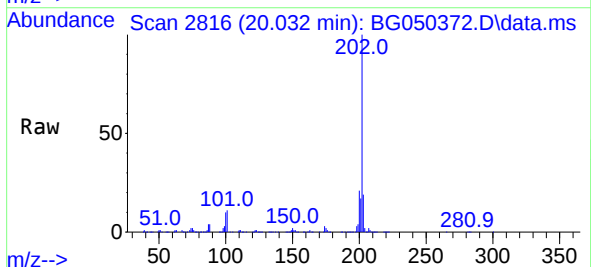
Tgt Ion:202 Resp: 367175
Ion Ratio Lower Upper
202 100
101 10.3 7.7 11.5
100 8.0 6.6 10.0

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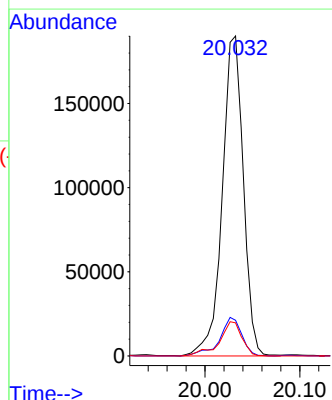
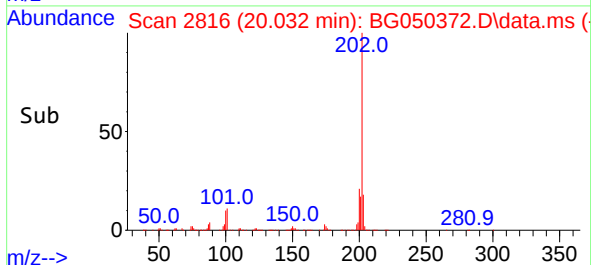
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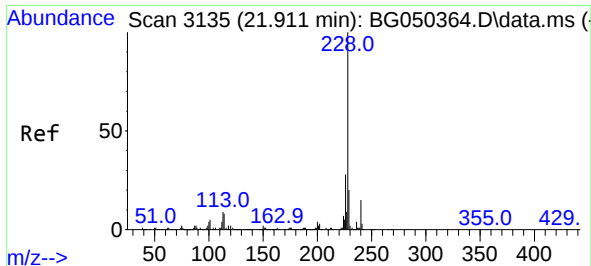


#82
Pyrene
Concen: 18.63 ng/ul
RT: 20.032 min Scan# 2816
Delta R.T. -0.007 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57



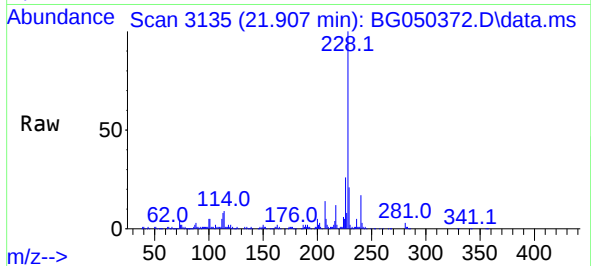
Tgt Ion:202 Resp: 294016
Ion Ratio Lower Upper
202 100
101 11.2 9.7 14.5
100 10.3 7.6 11.4





#85
Benzo(a)anthracene
Concen: 11.23 ng/ul
RT: 21.907 min Scan# 3135
Delta R.T. -0.018 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

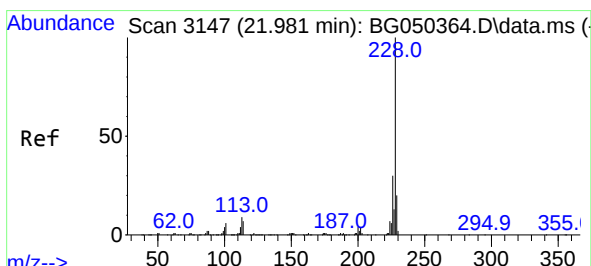
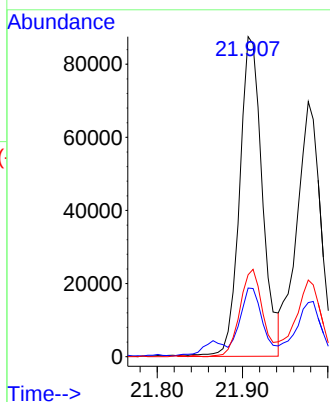
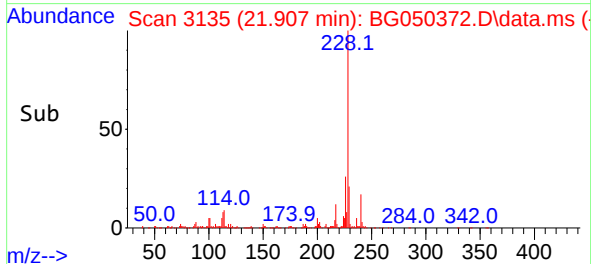
Instrument :
BNA_G
ClientSampled :
EW7T1



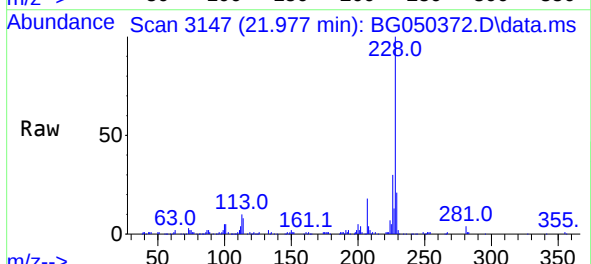
Tgt Ion:228 Resp: 162352
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 25.6 22.2 33.2

Manual Integrations
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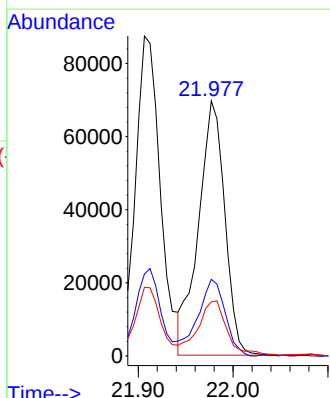
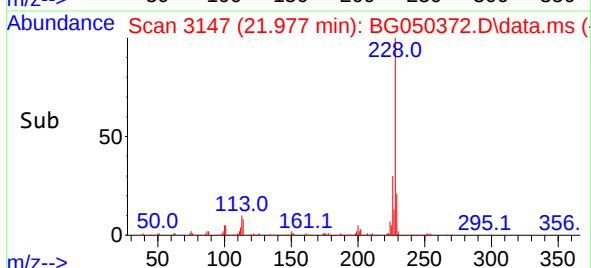
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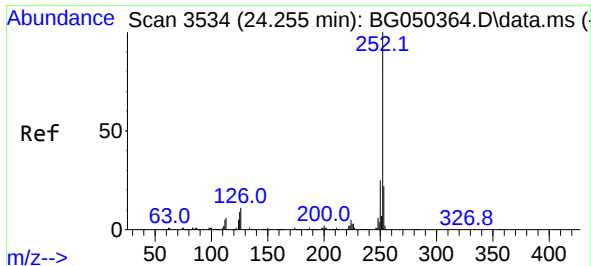


#87
Chrysene
Concen: 9.69 ng/ul
RT: 21.977 min Scan# 3147
Delta R.T. -0.018 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57



Tgt Ion:228 Resp: 134191
Ion Ratio Lower Upper
228 100
226 30.0 25.4 38.0
229 21.2 16.2 24.2





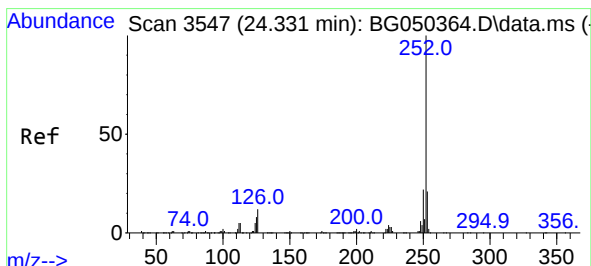
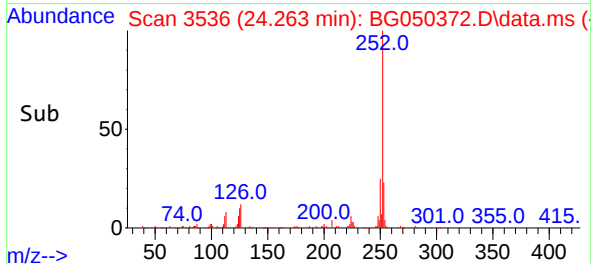
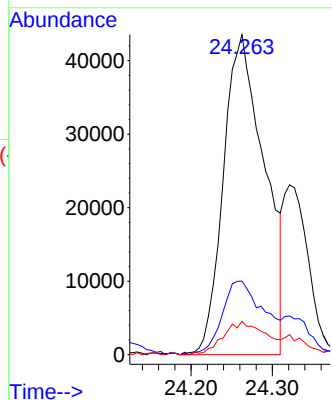
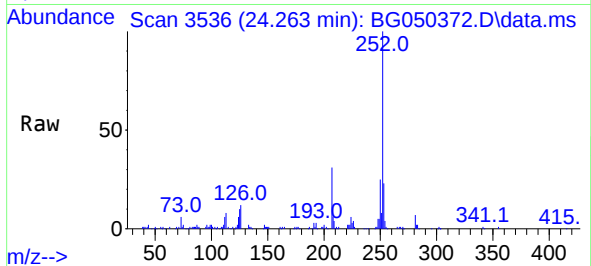
#90
Benzo(b)fluoranthene
Concen: 10.35 ng/ul
RT: 24.263 min Scan# 3536
Delta R.T. -0.018 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

Tgt Ion:252 Resp: 152978
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.5 6.7 10.1#

Instrument :
BNA_G
ClientSampled :
EW7T1

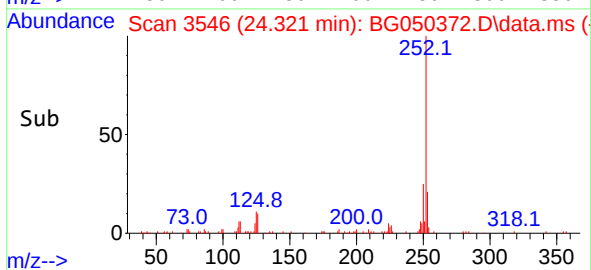
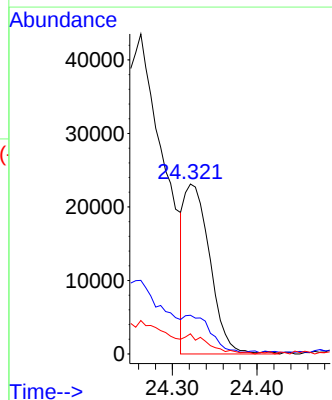
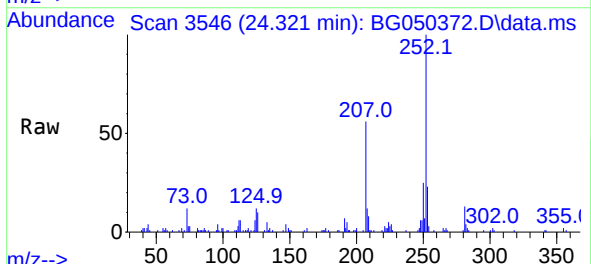
Manual Integrations
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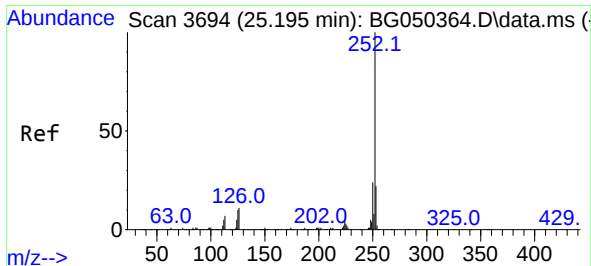
mohammad
10/4/2021 11:50:39 AM



#91
Benzo(k)fluoranthene
Concen: 3.53 ng/ul m
RT: 24.321 min Scan# 3546
Delta R.T. -0.030 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

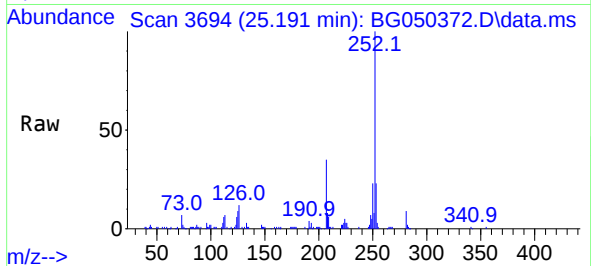
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Ion Ratio Lower Upper
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253 22.8 17.1 25.7
125 11.8 7.4 11.0#





#93
Benzo(a)pyrene
Concen: 7.48 ng/u1
RT: 25.191 min Scan# 3694
Delta R.T. -0.024 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

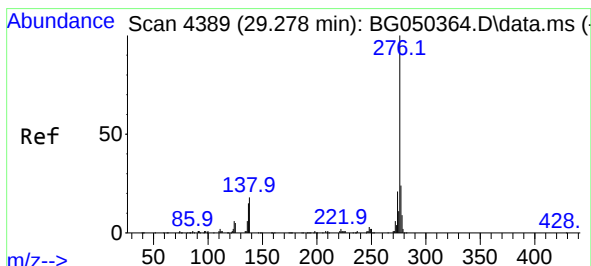
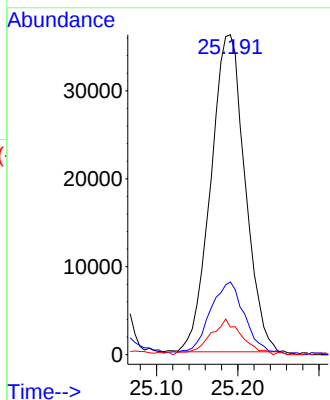
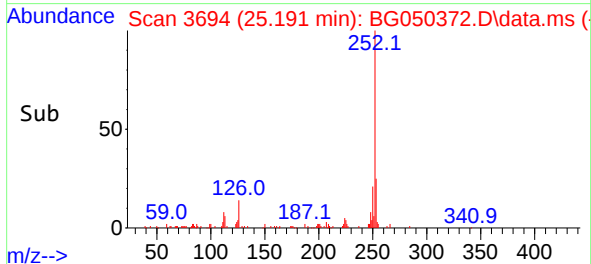
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ClientSampleId :
EW7T1



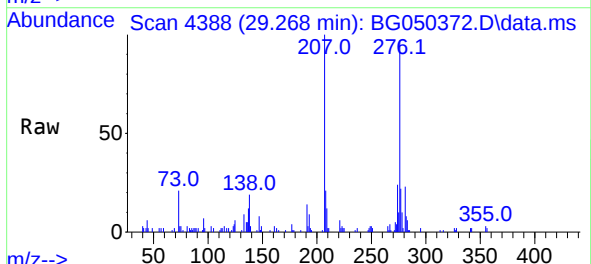
Tgt Ion:252 Resp: 105435
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 8.7 8.3 12.5

Manual Integrations
APPROVED

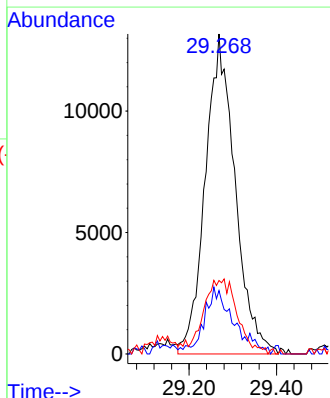
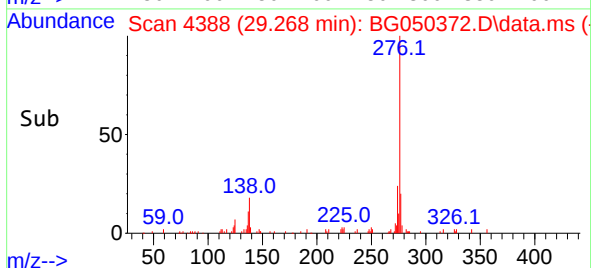
mohammad
10/4/2021 11:50:39 AM

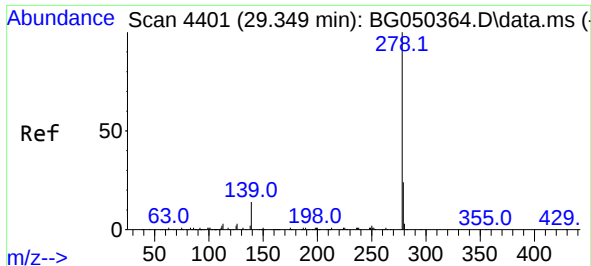


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.92 ng/u1
RT: 29.268 min Scan# 4388
Delta R.T. -0.048 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57



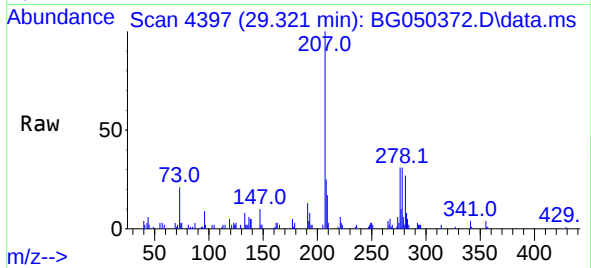
Tgt Ion:276 Resp: 62071
Ion Ratio Lower Upper
276 100
138 19.8 12.4 18.6#
277 23.0 18.5 27.7





#95
Dibenzo(a,h)anthracene
Concen: 1.54 ng/ul m
RT: 29.321 min Scan# 4397
Delta R.T. -0.071 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57

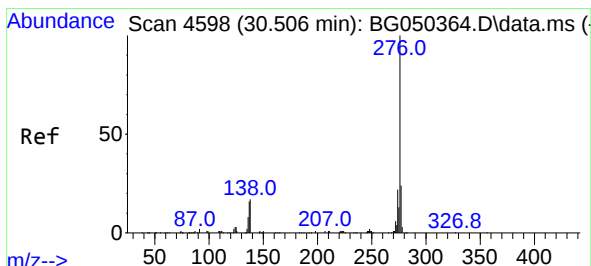
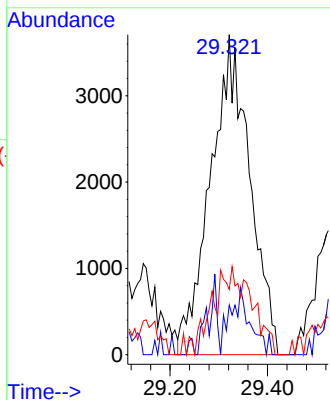
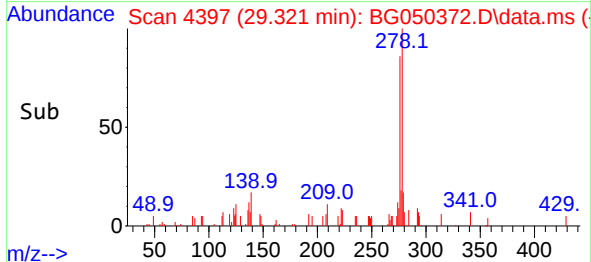
Instrument :
BNA_G
ClientSampled :
EW7T1



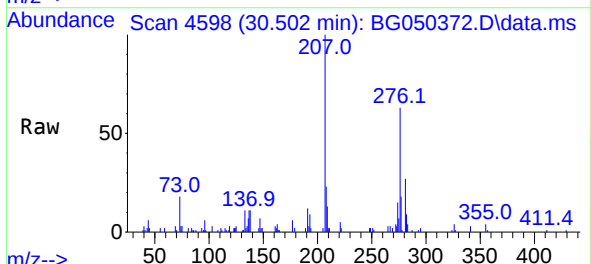
Tgt Ion:278 Resp: 20691
Ion Ratio Lower Upper
278 100
139 15.5 11.3 16.9
279 20.4 18.3 27.5

Manual Integrations
APPROVED

mohammad
10/4/2021 11:50:39 AM



#96
Benzo(g,h,i)perylene
Concen: 3.31 ng/ul m
RT: 30.502 min Scan# 4598
Delta R.T. -0.054 min
Lab File: BG050372.D
Acq: 2 Oct 2021 1:57



Tgt Ion:276 Resp: 44221
Ion Ratio Lower Upper
276 100
138 17.8 14.1 21.1
277 28.7 17.9 26.9#

