

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
 Data File : BG050371.D
 Acq On : 2 Oct 2021 1:16
 Operator : CG/JU
 Sample : M3874-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
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Quant Time: Oct 02 01:55:54 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	8.273	152	34021	20.00	ng/ul	0.00
20) Naphthalene-d8	11.093	136	139522	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.888	164	92196	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.626	188	198685	20.00	ng/ul	0.00
79) Chrysene-d12	21.927	240	182376	20.00	ng/ul	-0.02
88) Perylene-d12	25.353	264	181263	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.637	96	2368m	2.56	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.00	ng/ul	
7) Phenol-d5	7.397	99	35247	11.86	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.579	67	27793	14.86	ng/ul	0.00
11) 2-Chlorophenol-d4	7.791	132	26285	12.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.960	113	18935	8.42	ng/ul	0.00
21) Nitrobenzene-d5	9.436	128	15268	15.64	ng/ul	0.00
24) 2-Nitrophenol-d4	10.165	143	14163	13.52	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.699	165	24207	11.70	ng/ul	0.00
31) 4-Chloroaniline-d4	11.222	131	20236	6.85	ng/ul	0.00
46) Dimethylphthalate-d6	14.277	166	85789	13.60	ng/ul	-0.02
49) Acenaphthylene-d8	14.583	160	118977	15.01	ng/ul	0.00
54) 4-Nitrophenol-d4	15.047	143	7076	5.82	ng/ul	0.00
60) Fluorene-d10	15.876	176	83552	14.70	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.975	200	6775	6.84	ng/ul	0.00
73) Anthracene-d10	17.726	188	116340m	13.86	ng/ul	0.00
81) Pyrene-d10	20.000	212	159732	16.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.112	264	139326	15.29	ng/ul	-0.03
Target Compounds						Qvalue
52) Acenaphthene	14.947	153	16700	3.14	ng/ul	94
56) Dibenzofuran	15.282	168	11108	1.44	ng/ul	97
61) Fluorene	15.928	166	20364	3.31	ng/ul	94
72) Phenanthrene	17.673	178	313362	31.60	ng/ul	98
74) Anthracene	17.762	178	72940	7.43	ng/ul	99
77) Carbazole	18.026	167	29908	3.40	ng/ul	97
80) Fluoranthene	19.671	202	439044	36.05	ng/ul	99
82) Pyrene	20.029	202	358332	29.84	ng/ul	98
85) Benzo(a)anthracene	21.910	228	188780	17.17	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.792	149	19053	3.00	ng/ul#	95
87) Chrysene	21.980	228	166017	15.76	ng/ul	100
90) Benzo(b)fluoranthene	24.266	252	176052	15.95	ng/ul	97
91) Benzo(k)fluoranthene	24.330	252	72289m	7.04	ng/ul	
93) Benzo(a)pyrene	25.188	252	130404	12.38	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.272	276	78839	6.67	ng/ul	98
95) Dibenzo(a,h)anthracene	29.324	278	24758m	2.46	ng/ul	
96) Benzo(g,h,i)perylene	30.505	276	62568m	6.28	ng/ul	

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

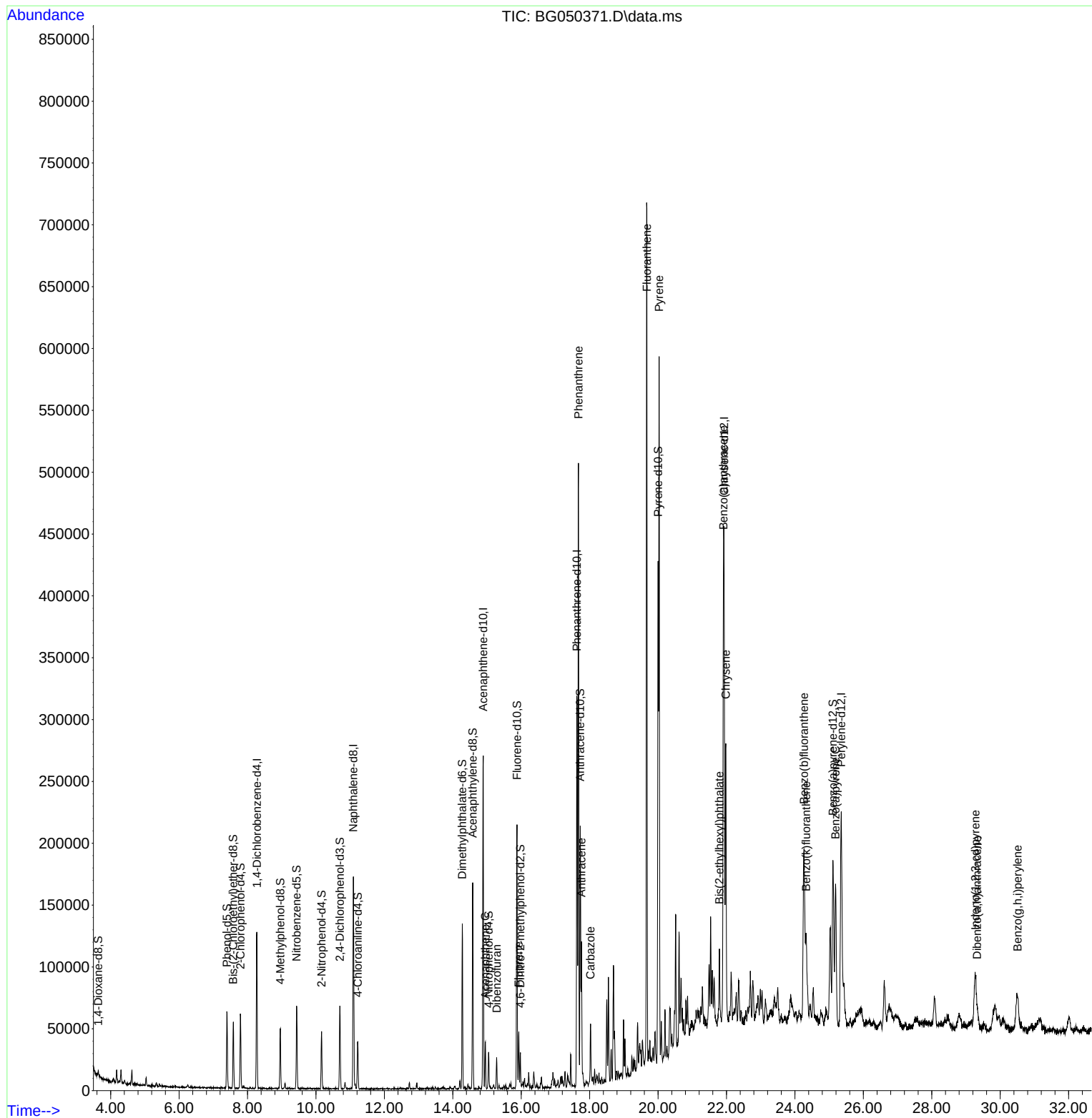
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050371.D
Acq On : 2 Oct 2021 1:16
Operator : CG/JU
Sample : M3874-05
Misc :
ALS Vial : 55 Sample Multiplier: 1

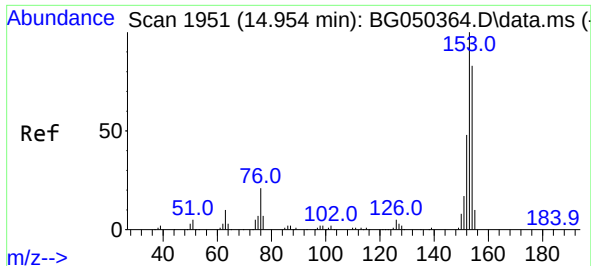
Instrument :
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ClientSampleId :
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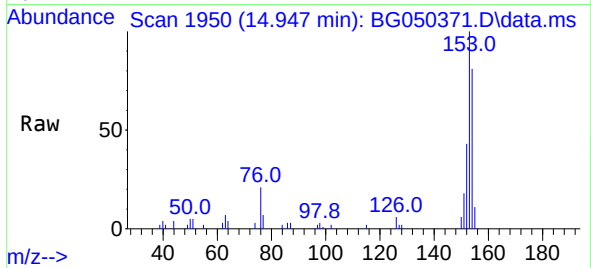
Quant Time: Oct 02 01:55:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 30 16:27:24 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 3.14 ng/ul
RT: 14.947 min Scan# 1950
Delta R.T. -0.009 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

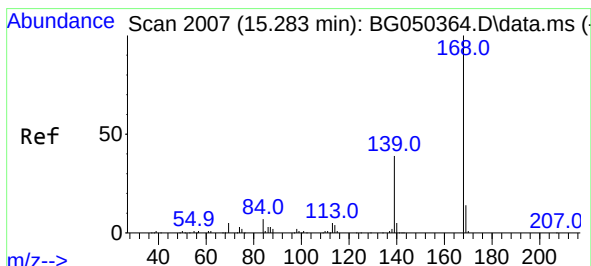
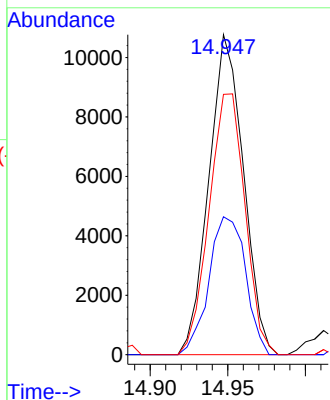
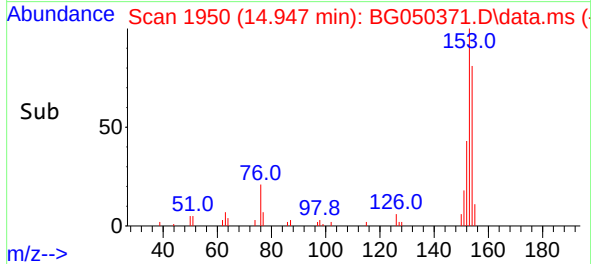
Instrument :
BNA_G
ClientSampleId :
EW7S9



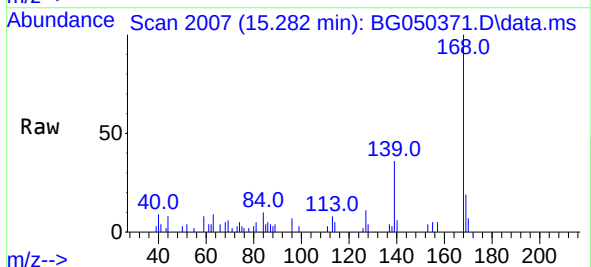
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Ion Ratio Lower Upper
153 100
152 43.1 40.2 60.2
154 81.4 68.2 102.2

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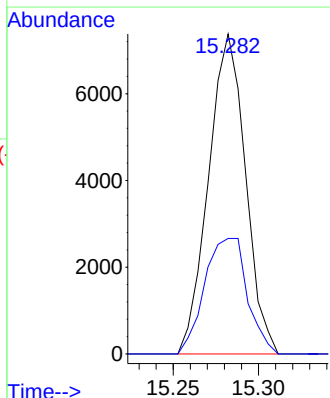
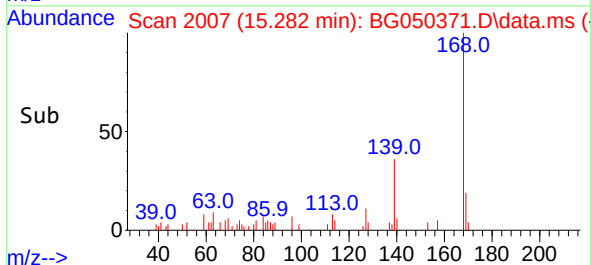
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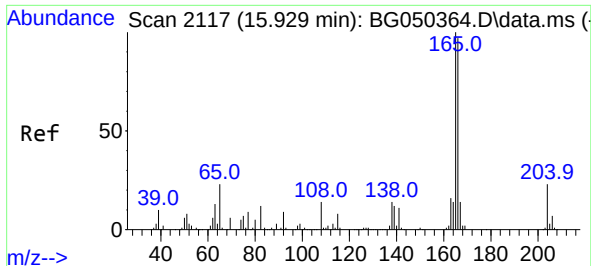


#56
Dibenzofuran
Concen: 1.44 ng/ul
RT: 15.282 min Scan# 2007
Delta R.T. -0.009 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

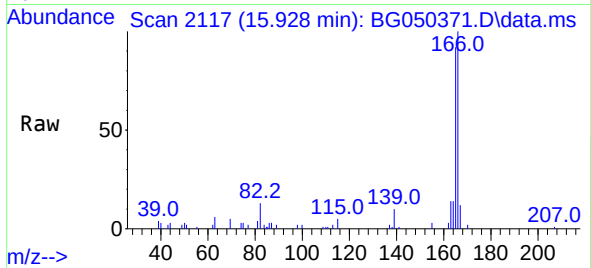


Tgt Ion:168 Resp: 11108
Ion Ratio Lower Upper
168 100
139 36.1 30.2 45.4

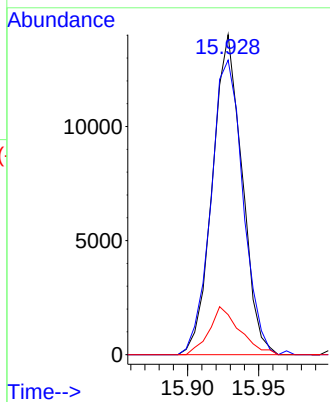
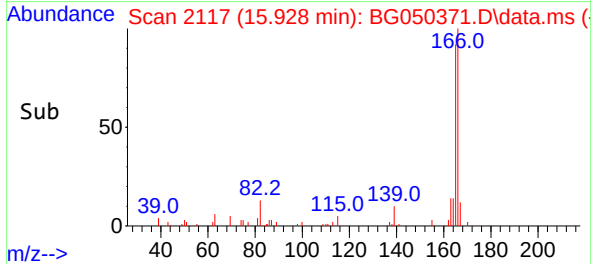




#61
Fluorene
Concen: 3.31 ng/ul
RT: 15.928 min Scan# 2117
Delta R.T. -0.009 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



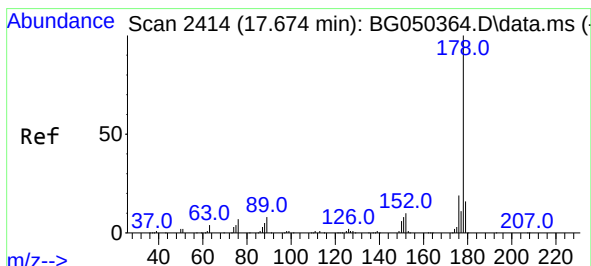
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Ion Ratio Lower Upper
166 100
165 92.0 78.6 118.0
167 12.5 10.9 16.3



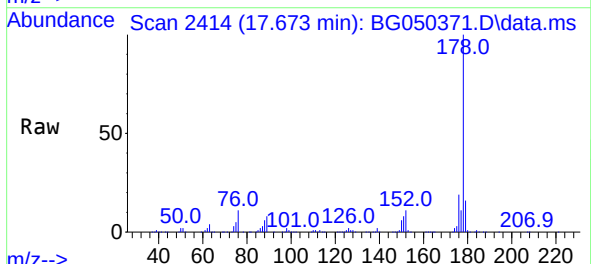
Instrument :
BNA_G
ClientSampled :
EW7S9

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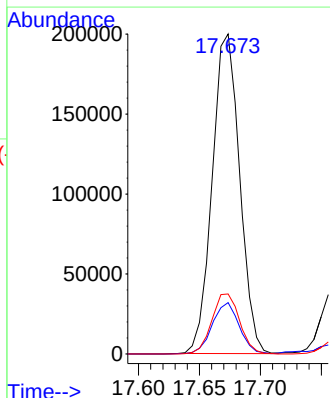
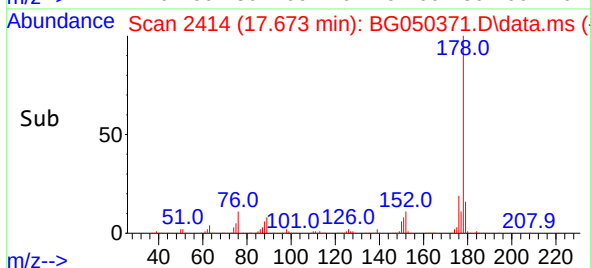
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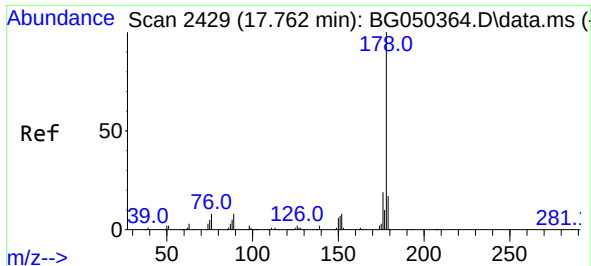


#72
Phenanthrene
Concen: 31.60 ng/ul
RT: 17.673 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



Tgt Ion:178 Resp: 313362
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 18.8 16.2 24.2





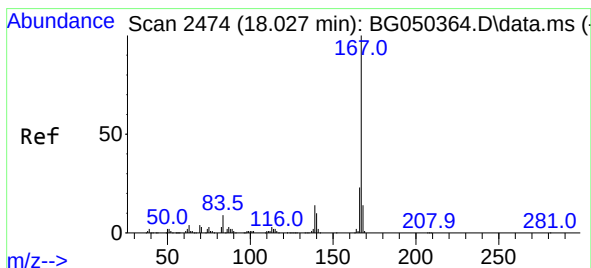
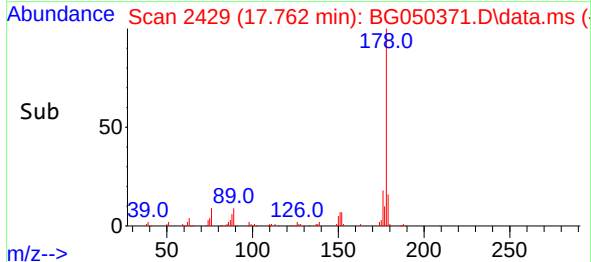
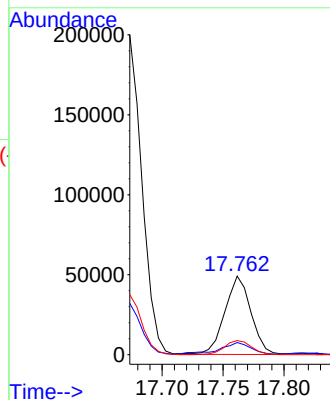
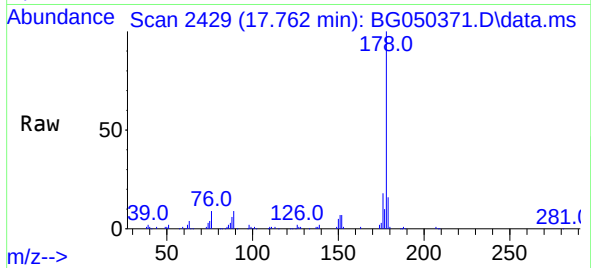
#74
 Anthracene
 Concen: 7.43 ng/ul
 RT: 17.762 min Scan# 2429
 Delta R.T. -0.009 min
 Lab File: BG050371.D
 Acq: 2 Oct 2021 1:16

Tgt Ion:178 Resp: 72940
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.7 19.1
 176 18.0 15.0 22.4

Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

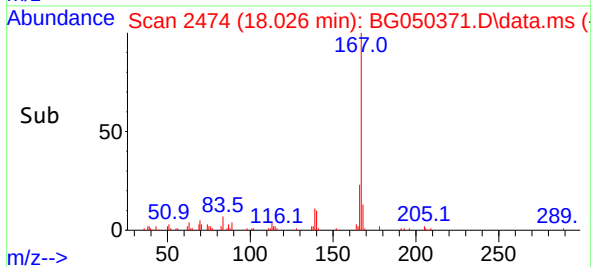
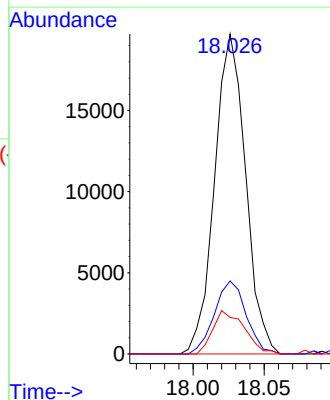
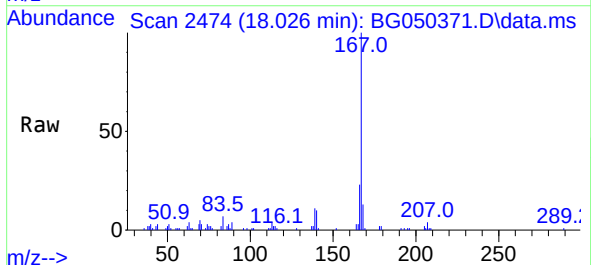
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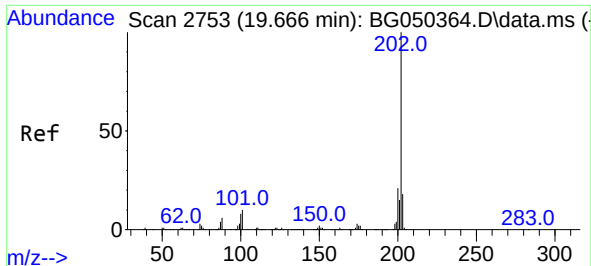
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#77
 Carbazole
 Concen: 3.40 ng/ul
 RT: 18.026 min Scan# 2474
 Delta R.T. -0.009 min
 Lab File: BG050371.D
 Acq: 2 Oct 2021 1:16

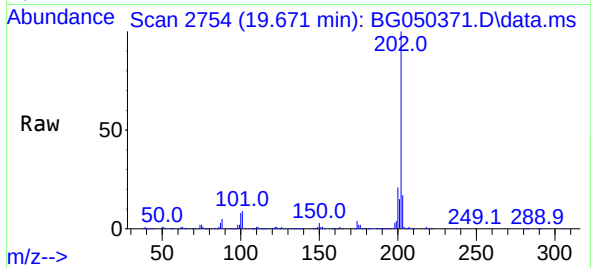
Tgt Ion:167 Resp: 29908
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 11.4 10.5 15.7





#80
Fluoranthene
Concen: 36.05 ng/ul
RT: 19.671 min Scan# 2754
Delta R.T. -0.003 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

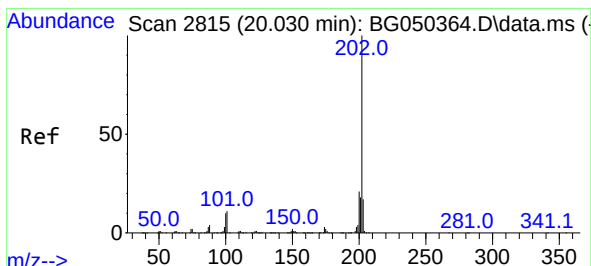
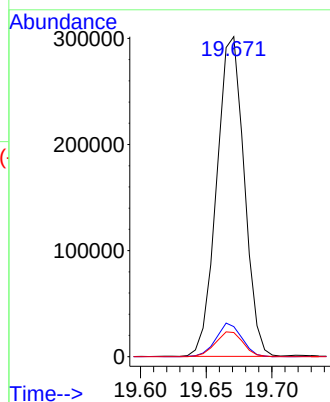
Instrument :
BNA_G
ClientSampleId :
EW7S9



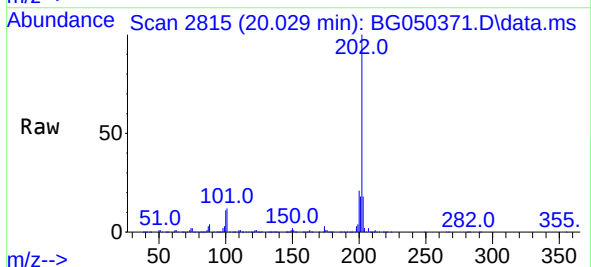
Tgt Ion:202 Resp: 439044
Ion Ratio Lower Upper
202 100
101 9.4 7.7 11.5
100 7.6 6.6 10.0

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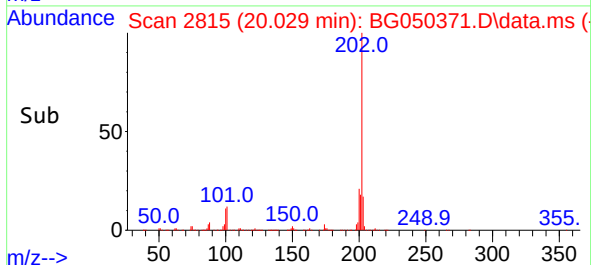
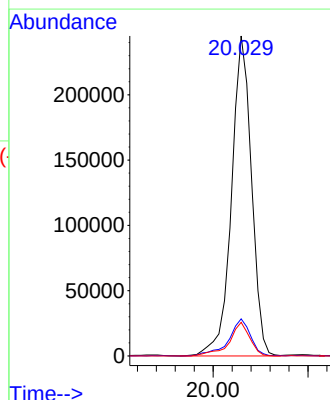
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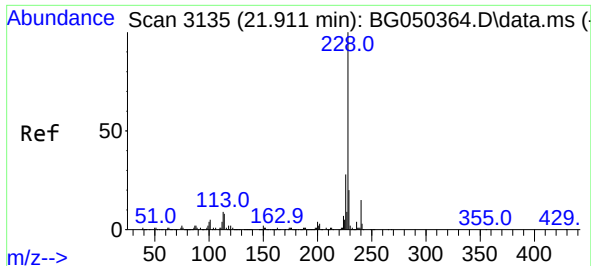


#82
Pyrene
Concen: 29.84 ng/ul
RT: 20.029 min Scan# 2815
Delta R.T. -0.009 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



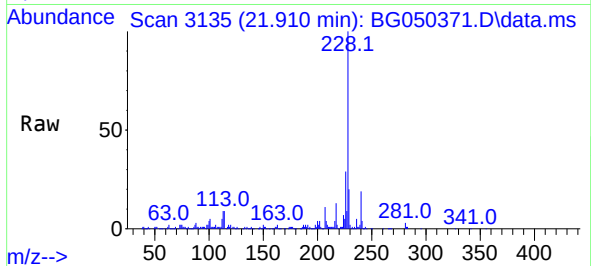
Tgt Ion:202 Resp: 358332
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 10.5 7.6 11.4





#85
Benzo(a)anthracene
Concen: 17.17 ng/ul
RT: 21.910 min Scan# 3135
Delta R.T. -0.015 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

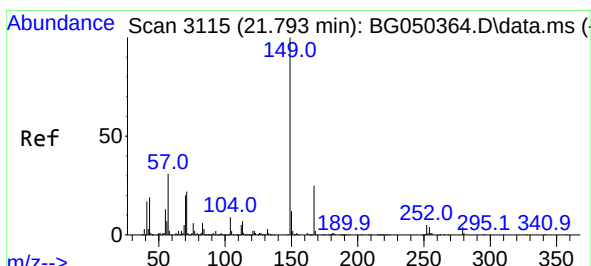
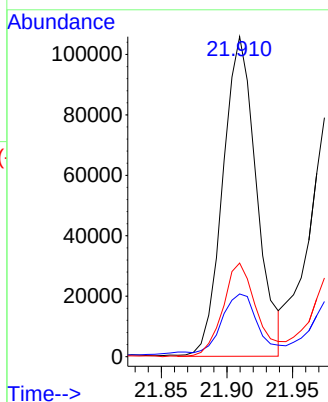
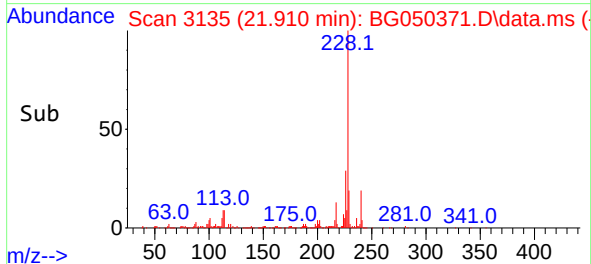
Instrument :
BNA_G
ClientSampled :
EW7S9



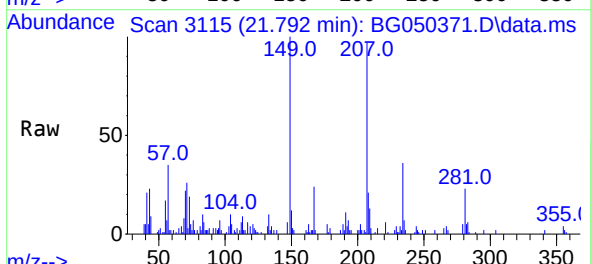
Tgt Ion:228 Resp: 188780
Ion Ratio Lower Upper
228 100
229 19.6 15.9 23.9
226 29.3 22.2 33.2

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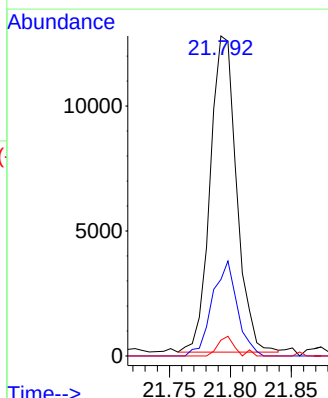
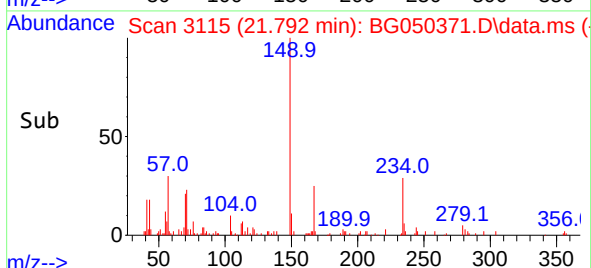
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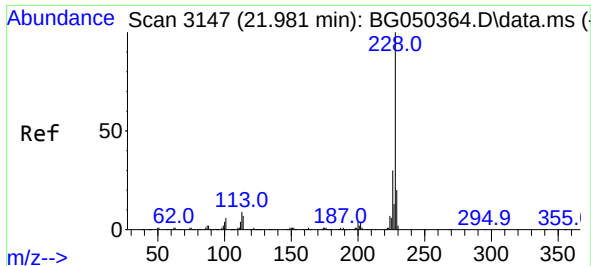


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.00 ng/ul
RT: 21.792 min Scan# 3115
Delta R.T. -0.015 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

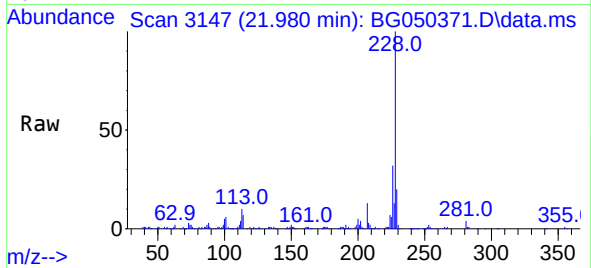


Tgt Ion:149 Resp: 19053
Ion Ratio Lower Upper
149 100
167 23.9 21.3 31.9
279 4.9 2.8 4.2#

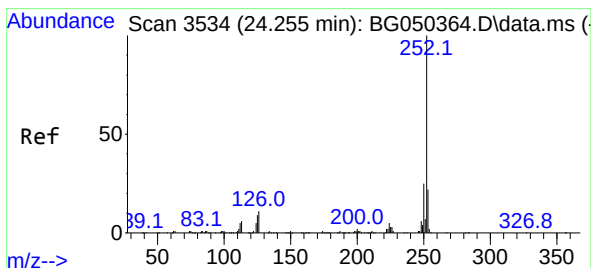
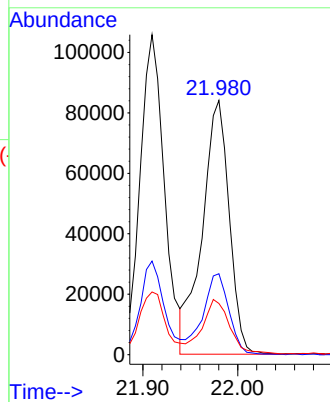
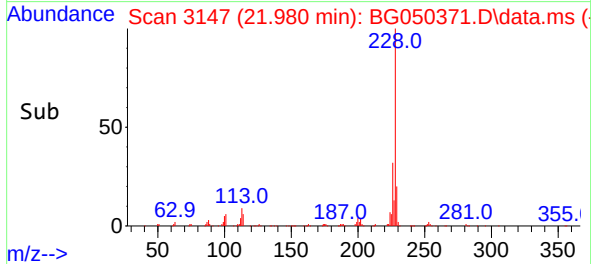




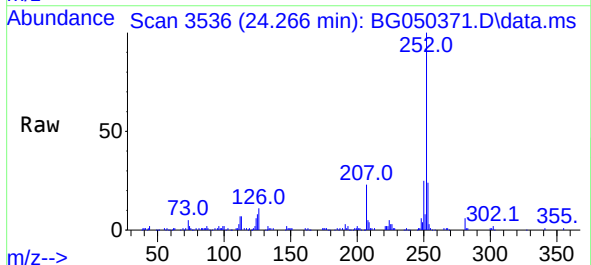
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Chrysene
Concen: 15.76 ng/ul
RT: 21.980 min Scan# 3147
Delta R.T. -0.015 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



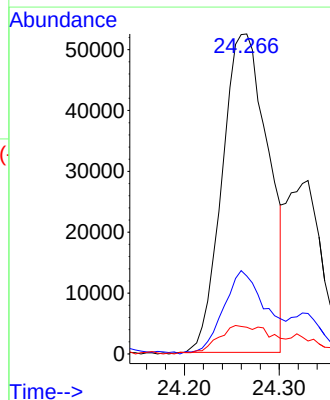
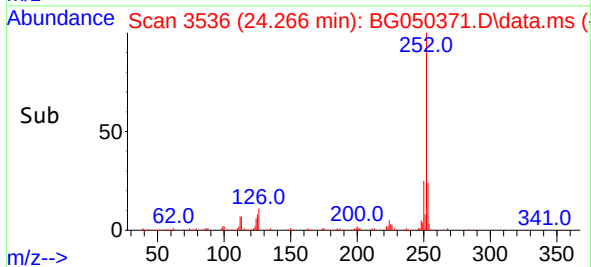
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Ion Ratio Lower Upper
228 100
226 31.8 25.4 38.0
229 20.1 16.2 24.2



#90
Benzo(b)fluoranthene
Concen: 15.95 ng/ul
RT: 24.266 min Scan# 3536
Delta R.T. -0.015 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



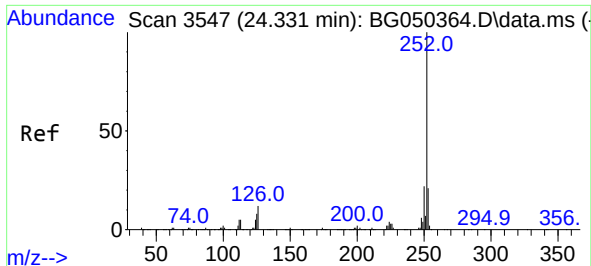
Tgt Ion:252 Resp: 176052
Ion Ratio Lower Upper
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253 24.4 17.8 26.8
125 8.4 6.7 10.1



Instrument :
BNA_G
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EW7S9

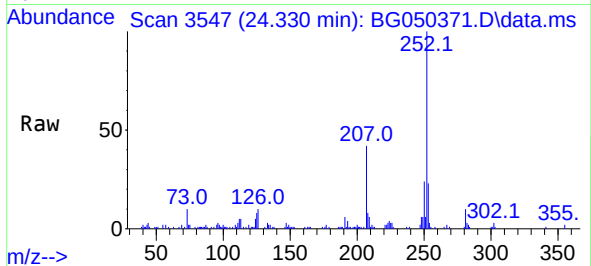
Manual Integrations
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#91
Benzo(k)fluoranthene
Concen: 7.04 ng/ul m
RT: 24.330 min Scan# 3547
Delta R.T. -0.021 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

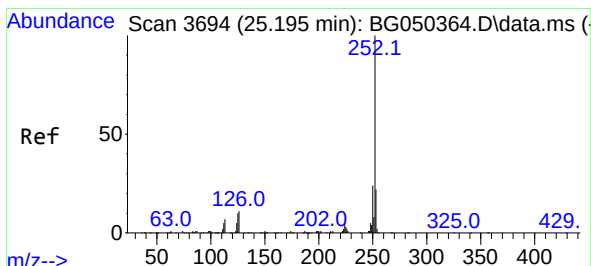
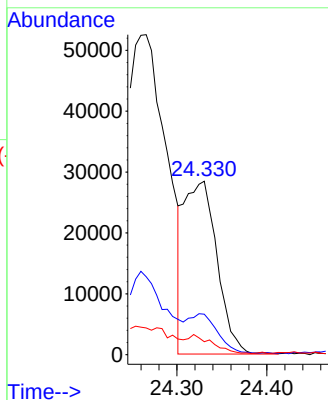
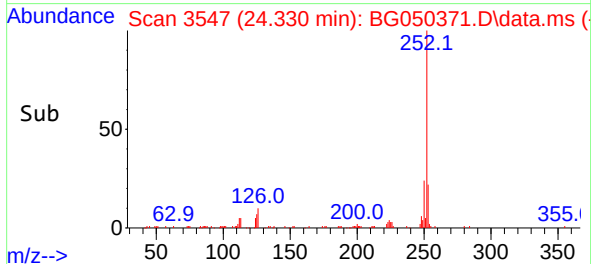
Instrument :
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EW7S9



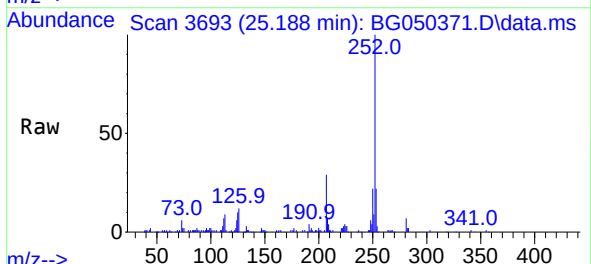
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125 7.5 7.4 11.0

Manual Integrations
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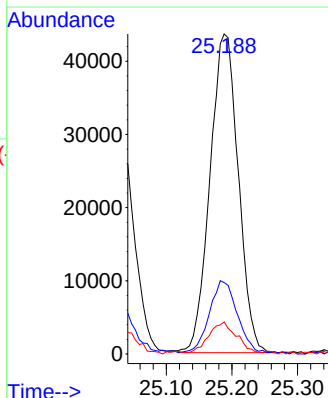
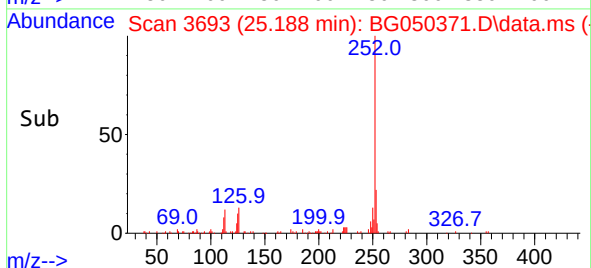
mohammad
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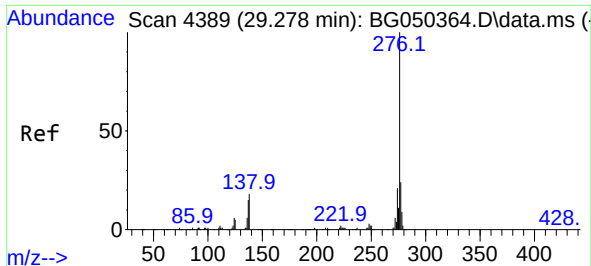


#93
Benzo(a)pyrene
Concen: 12.38 ng/ul
RT: 25.188 min Scan# 3693
Delta R.T. -0.027 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



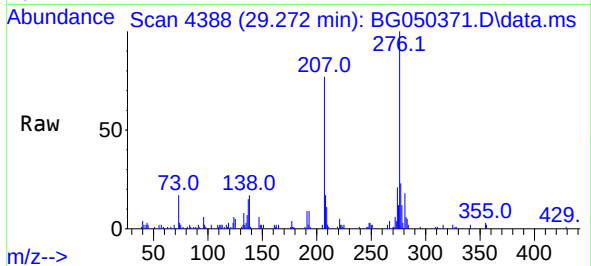
Tgt Ion:252 Resp: 130404
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.0 8.3 12.5





#94
Indeno(1,2,3-cd)pyrene
Concen: 6.67 ng/ul
RT: 29.272 min Scan# 4388
Delta R.T. -0.045 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16

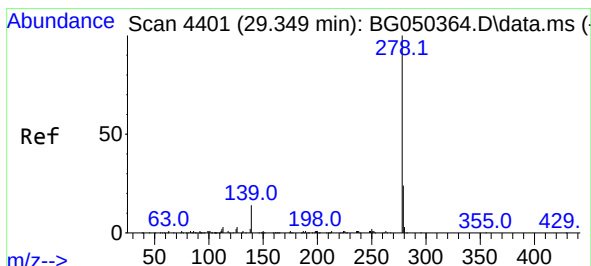
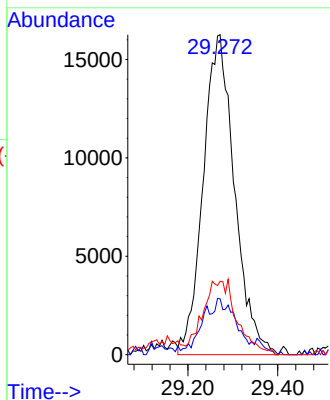
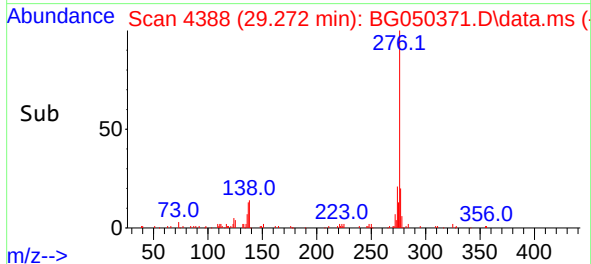
Instrument :
BNA_G
ClientSampled :
EW7S9



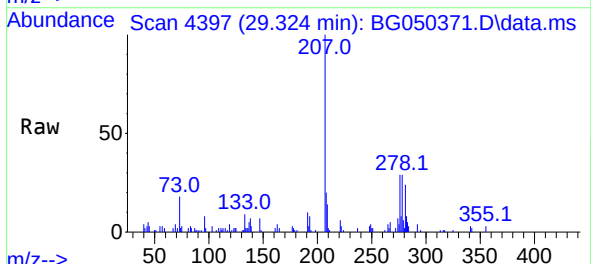
Tgt Ion:276 Resp: 78839
Ion Ratio Lower Upper
276 100
138 17.5 12.4 18.6
277 23.0 18.5 27.7

Manual Integrations
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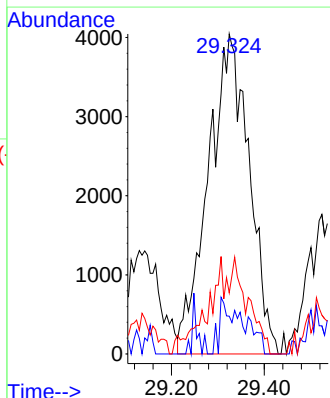
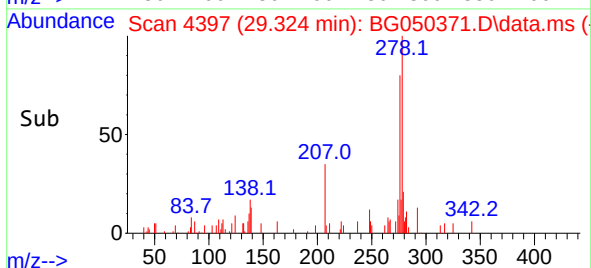
mohammad
10/4/2021 11:50:37 AM

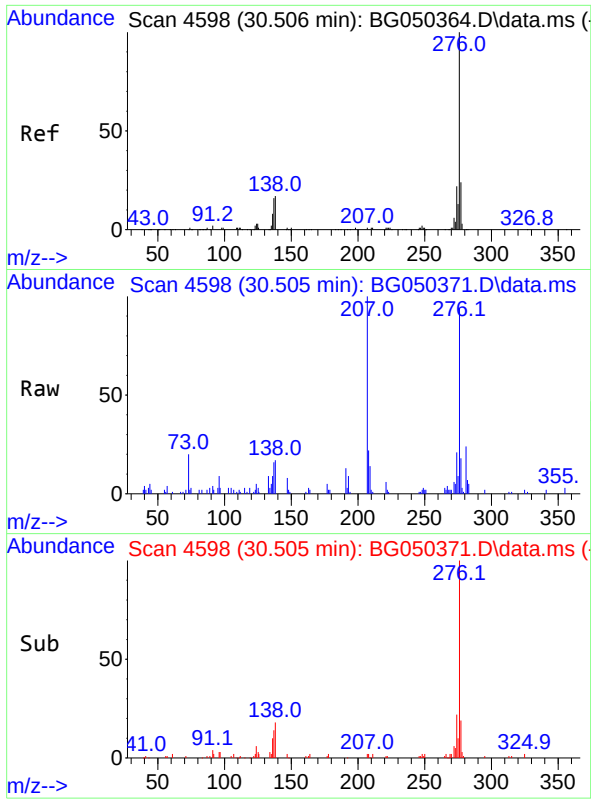


#95
Dibenzo(a,h)anthracene
Concen: 2.46 ng/ul m
RT: 29.324 min Scan# 4397
Delta R.T. -0.068 min
Lab File: BG050371.D
Acq: 2 Oct 2021 1:16



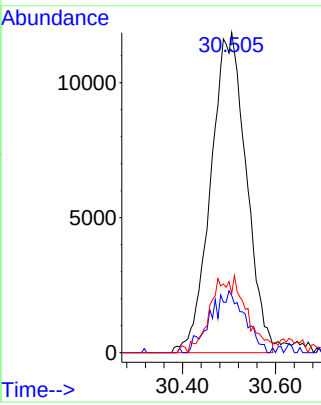
Tgt Ion:278 Resp: 24758
Ion Ratio Lower Upper
278 100
139 11.8 11.3 16.9
279 19.1 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 6.28 ng/ul m
 RT: 30.505 min Scan# 4598
 Delta R.T. -0.050 min
 Lab File: BG050371.D
 Acq: 2 Oct 2021 1:16

Tgt Ion:	276	Resp:	62568
Ion Ratio	Lower	Upper	
276	100		
138	17.8	14.1	21.1
277	18.5	17.9	26.9



Instrument :
 BNA_G
 ClientSampleId :
 EW7S9

Manual Integrations
 APPROVED

mohammad
 10/4/2021 11:50:37 AM