

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050081.D
 Acq On : 1 Sep 2021 2:44
 Operator : CG/JU
 Sample : M3486-16
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Manual Integrations
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Quant Time: Sep 01 04:49:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	32600	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	134313	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	90225	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	184821	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	169286	20.000	ng/ul	0.00
88) Perylene-d12	24.879	264	175540	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	1190	1.882	ng/uL	0.00
4) Pyridine-d5	3.772	84	7925m	4.162	ng/ul	0.03
7) Phenol-d5	7.138	99	19816	7.158	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.279	67	14762	9.598	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	18168	8.771	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	13426	6.158	ng/ul	0.00
21) Nitrobenzene-d5	9.136	128	10580	10.160	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	12724m	10.262	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.416	165	20805	9.408	ng/ul	0.01
31) 4-Chloroaniline-d4	10.921	131	22703	7.542	ng/ul	0.00
46) Dimethylphthalate-d6	14.017	166	74891	10.846	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	90488	11.177	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	4601m	4.605	ng/ul	0.02
60) Fluorene-d10	15.615	176	66235	11.314	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	3787m	3.185	ng/ul	0.00
73) Anthracene-d10	17.477	188	98533	11.872	ng/ul	0.00
81) Pyrene-d10	19.768	212	124064	13.562	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.656	264	112921	12.125	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.827	128	10798	1.608	ng/ul	97
36) 2-Methylnaphthalene	12.443	142	8888	1.781	ng/ul	94
37) 1-Methylnaphthalene	12.660	142	8153	1.619	ng/ul#	90
72) Phenanthrene	17.424	178	12460	1.352	ng/ul	98
80) Fluoranthene	19.433	202	13745	1.218	ng/ul#	97
82) Pyrene	19.798	202	18545	1.658	ng/ul#	95
85) Benzo(a)anthracene	21.630	228	11679	1.107	ng/ul#	92
87) Chrysene	21.695	228	14557m	1.460	ng/ul	
90) Benzo(b)fluoranthene	23.851	252	13683	1.219	ng/ul#	94
93) Benzo(a)pyrene	24.726	252	9816m	1.007	ng/ul	

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

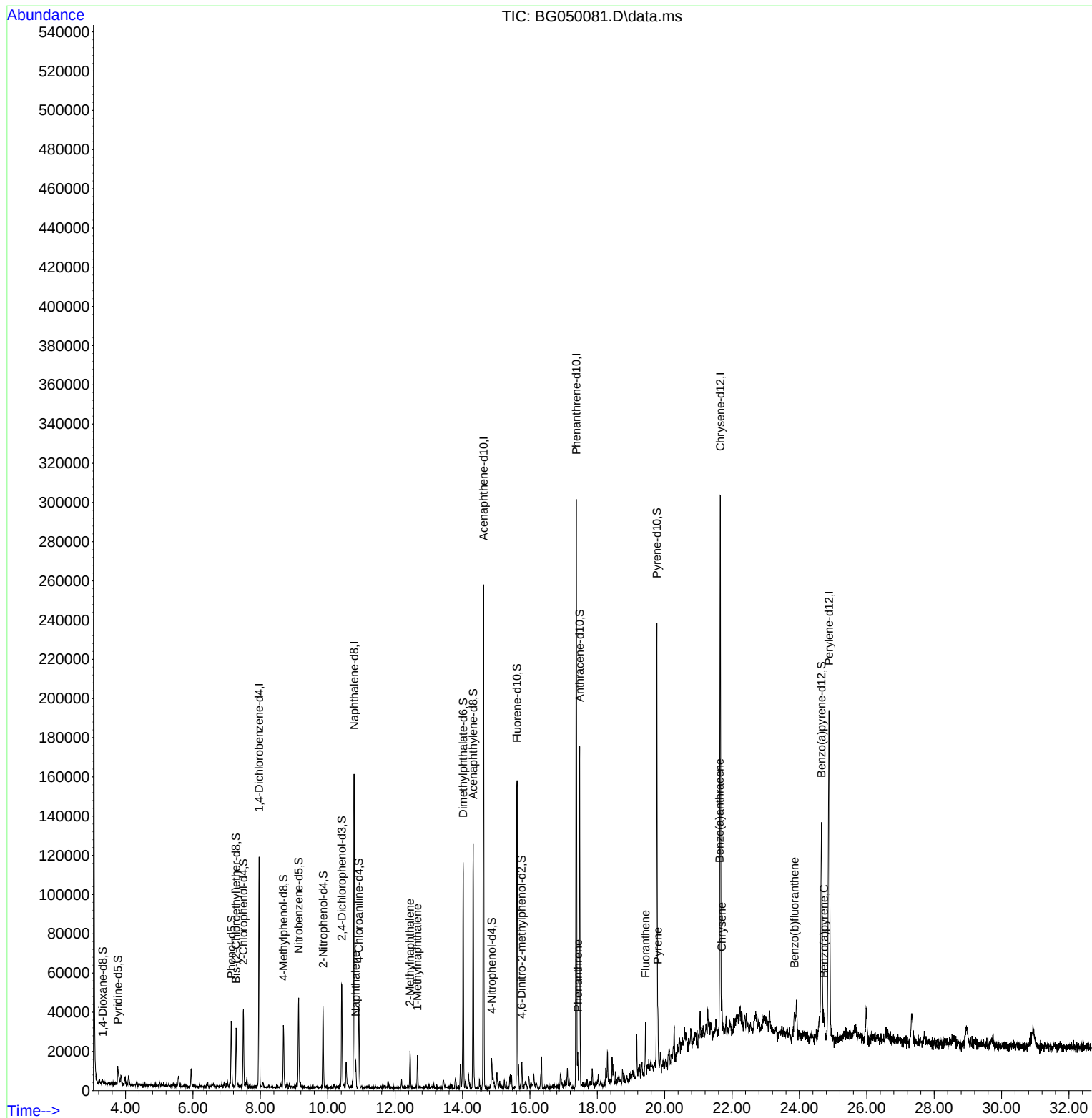
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050081.D
Acq On : 1 Sep 2021 2:44
Operator : CG/JU
Sample : M3486-16
Misc :
ALS Vial : 55 Sample Multiplier: 1

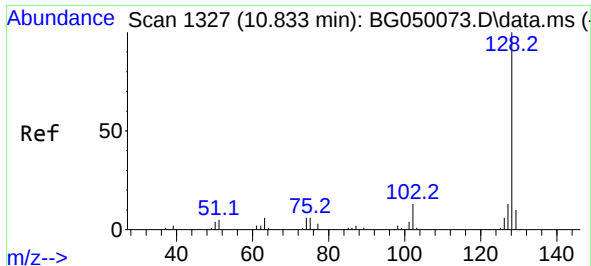
Instrument :
BNA_G
ClientSampleId :
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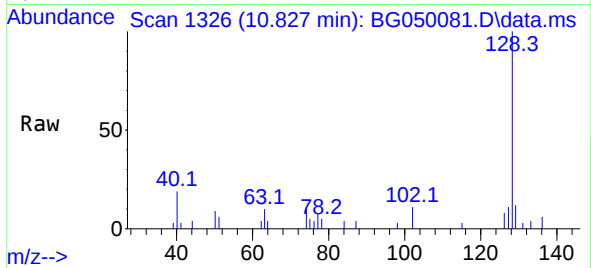
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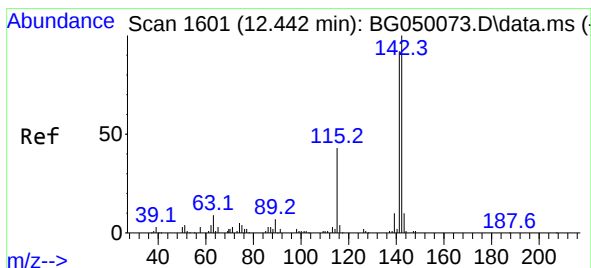
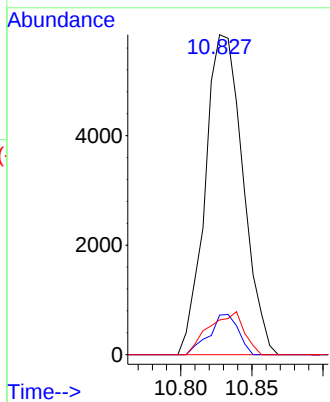
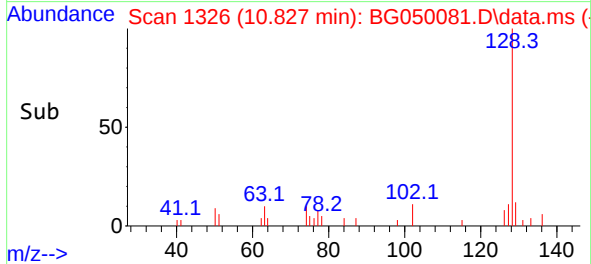




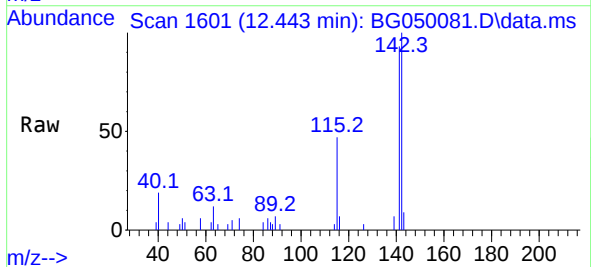
#30
Naphthalene
Concen: 1.608 ng/ul
RT: 10.827 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44



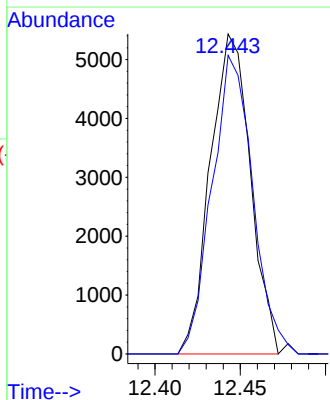
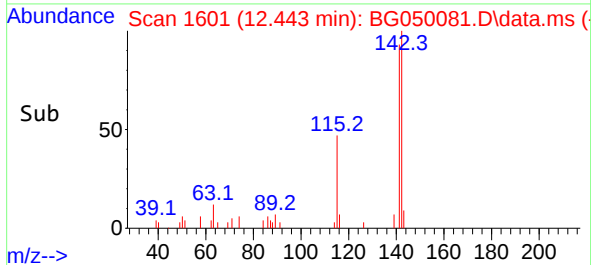
Tgt Ion:128 Resp: 10798
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 10.9 9.8 14.6



#36
2-Methylnaphthalene
Concen: 1.781 ng/ul
RT: 12.443 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44



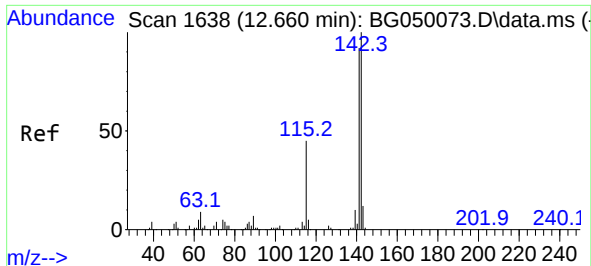
Tgt Ion:142 Resp: 8888
Ion Ratio Lower Upper
142 100
141 93.3 70.5 105.7



Instrument :
BNA_G
ClientSampled :
C0B24

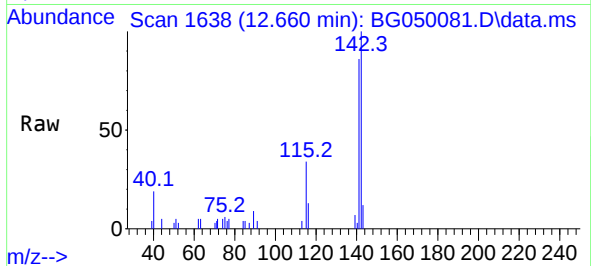
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#37
1-Methylnaphthalene
Concen: 1.619 ng/ul
RT: 12.660 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44

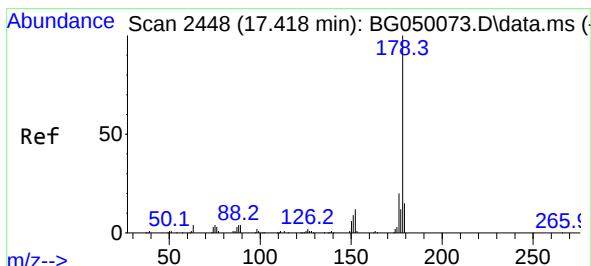
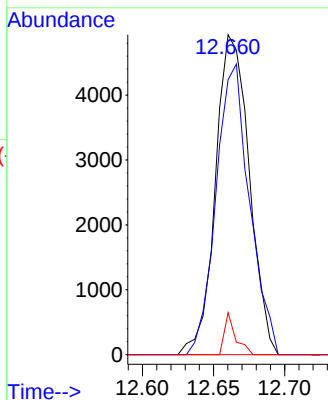
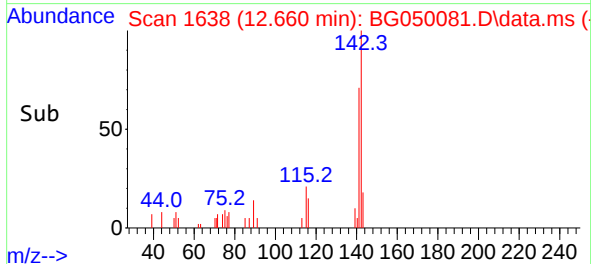
Instrument :
BNA_G
ClientSampled :
C0B24



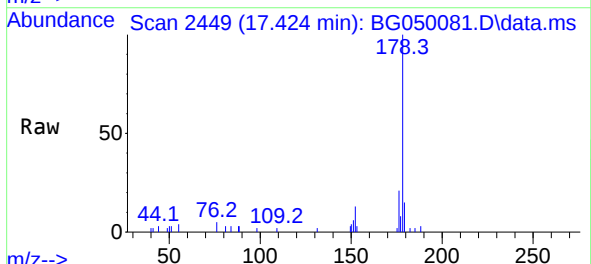
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Ion Ratio Lower Upper
142 100
141 86.0 75.8 113.8
116 13.1 3.7 5.5#

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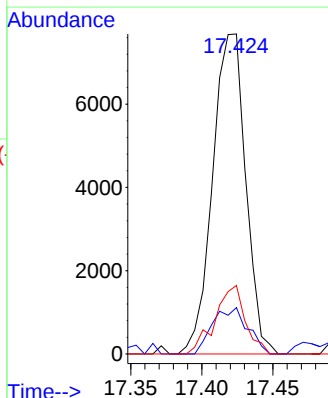
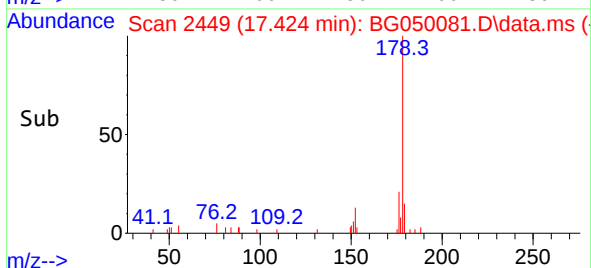
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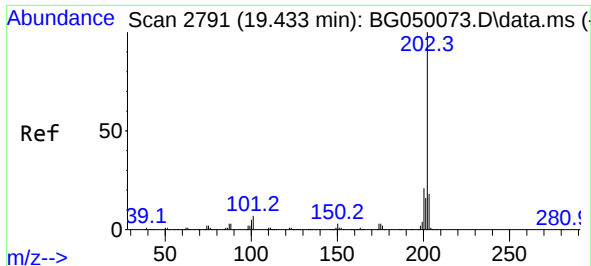


#72
Phenanthrene
Concen: 1.352 ng/ul
RT: 17.424 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44



Tgt Ion:178 Resp: 12460
Ion Ratio Lower Upper
178 100
179 14.5 11.7 17.5
176 21.4 16.2 24.2





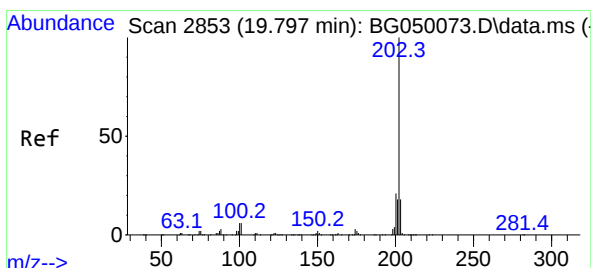
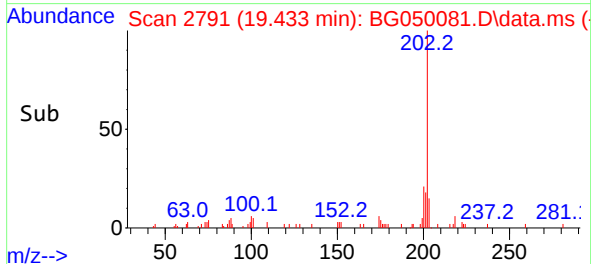
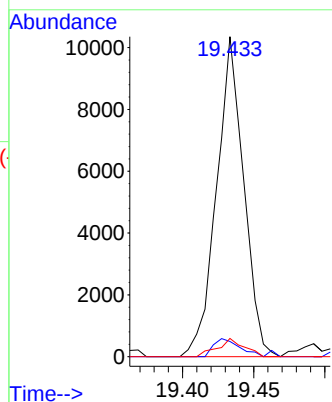
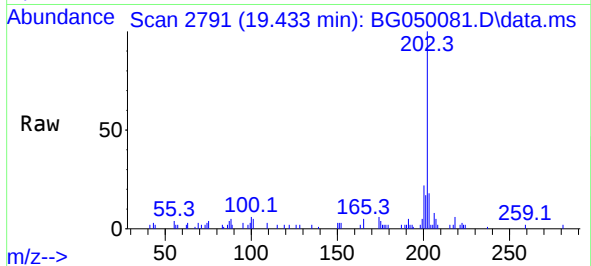
#80
Fluoranthene
Concen: 1.218 ng/ul
RT: 19.433 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44

Instrument :
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ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.7	4.3	6.5
100	5.7	3.5	5.3#

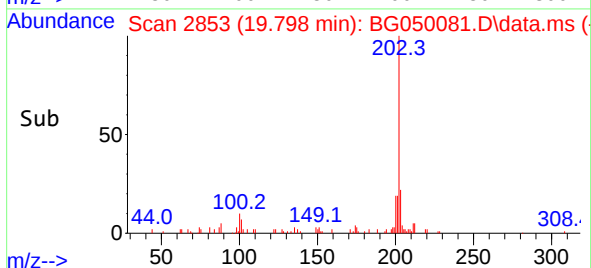
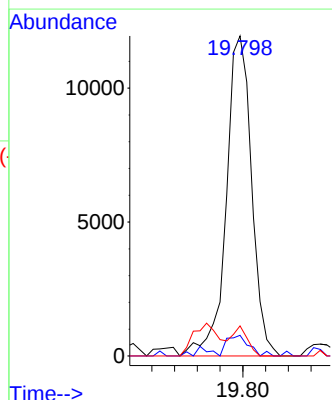
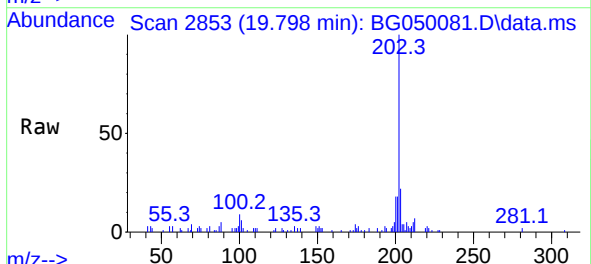
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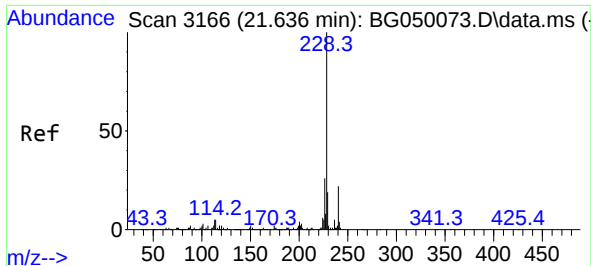
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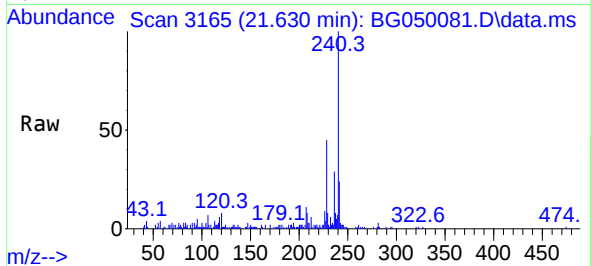
#82
Pyrene
Concen: 1.658 ng/ul
RT: 19.798 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.4	5.4	8.0
100	9.4	5.0	7.6#

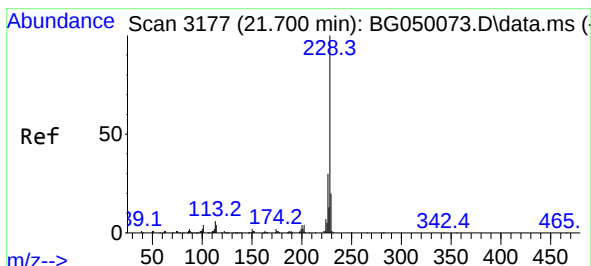
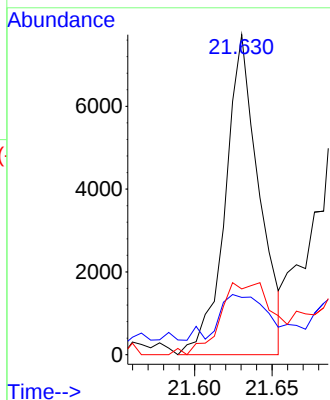
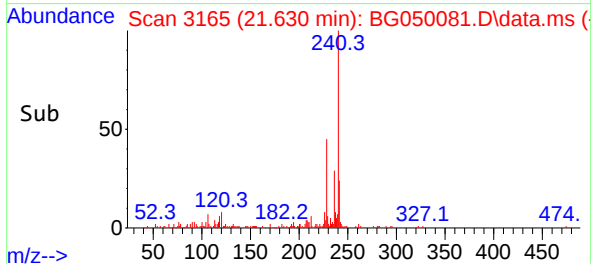




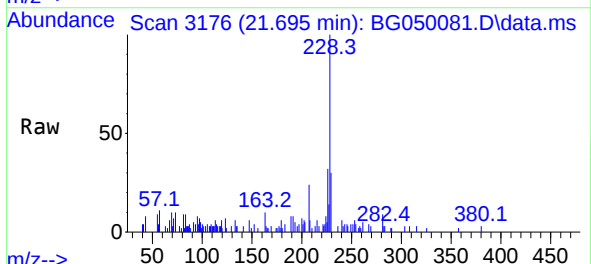
#85
Benzo(a)anthracene
Concen: 1.107 ng/ul
RT: 21.630 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44



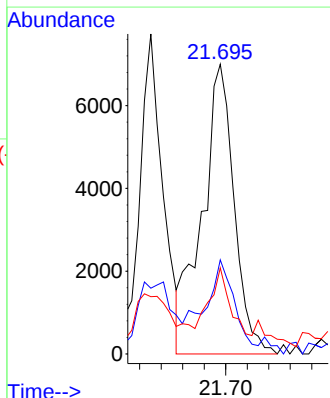
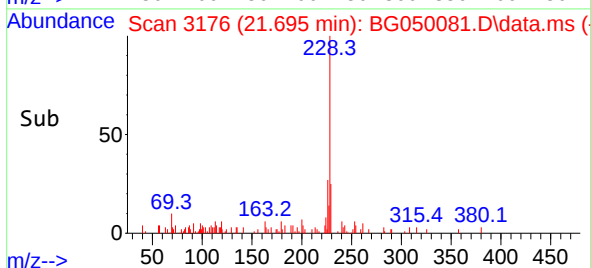
Tgt Ion:228 Resp: 11679
Ion Ratio Lower Upper
228 100
229 17.9 16.2 24.4
226 20.6 21.0 31.4#



#87
Chrysene
Concen: 1.460 ng/ul m
RT: 21.695 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44



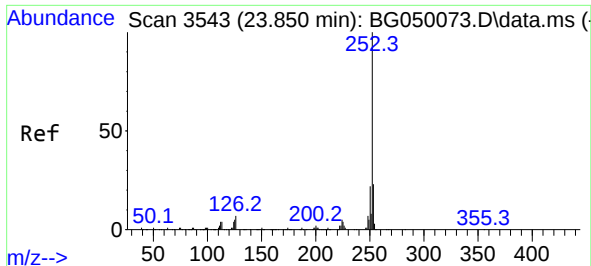
Tgt Ion:228 Resp: 14557
Ion Ratio Lower Upper
228 100
226 32.5 23.0 34.4
229 29.7 17.8 26.6#



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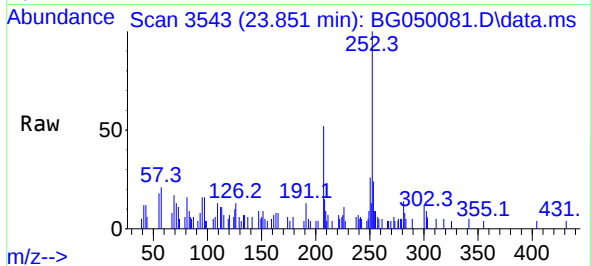
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#90
Benzo(b)fluoranthene
Concen: 1.219 ng/ul
RT: 23.851 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44

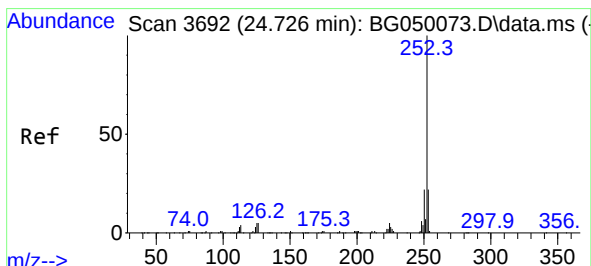
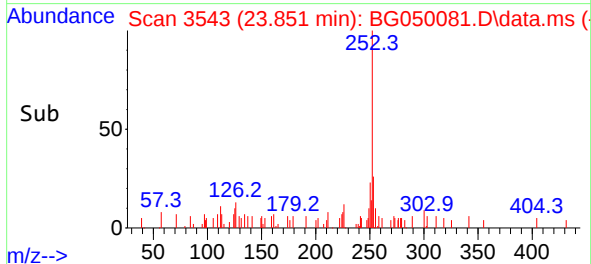
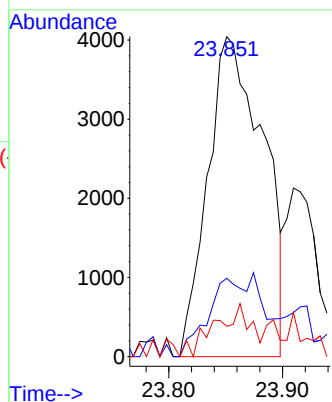
Instrument :
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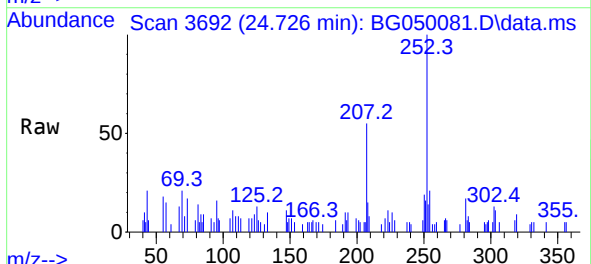
Tgt Ion:252 Resp: 13683
Ion Ratio Lower Upper
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253 24.5 18.1 27.1
125 9.5 3.4 5.0#

Manual Integrations
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#93
Benzo(a)pyrene
Concen: 1.007 ng/ul m
RT: 24.726 min Scan# 3692
Delta R.T. 0.006 min
Lab File: BG050081.D
Acq: 1 Sep 2021 2:44



Tgt Ion:252 Resp: 9816
Ion Ratio Lower Upper
252 100
253 14.2 17.0 25.4#
125 12.8 4.4 6.6#

