

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050082.D
 Acq On : 1 Sep 2021 3:25
 Operator : CG/JU
 Sample : M3486-12
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AY9

Manual Integrations
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Quant Time: Sep 01 04:49:43 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	32322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	131625	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	90026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	181335	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.648	240	168840	20.000	ng/ul	0.00
88) Perylene-d12	24.879	264	177656	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1466m	2.339	ng/uL	0.01
4) Pyridine-d5	3.760	84	9051m	4.794	ng/ul	0.02
7) Phenol-d5	7.132	99	35917	13.086	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	20694	13.571	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	27777	13.526	ng/ul	0.00
15) 4-Methylphenol-d8	8.683	113	26767	12.383	ng/ul	0.00
21) Nitrobenzene-d5	9.130	128	14572	14.280	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	17073	14.051	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	29867	13.781	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	37074	12.568	ng/ul	0.00
46) Dimethylphthalate-d6	14.017	166	97562	14.160	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	120172	14.876	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	9940	9.972	ng/ul	0.01
60) Fluorene-d10	15.615	176	84757	14.509	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	8048	6.899	ng/ul	0.00
73) Anthracene-d10	17.477	188	128461m	15.776	ng/ul	0.00
81) Pyrene-d10	19.768	212	153387	16.811	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.656	264	136453	14.478	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.827	128	18096	2.751	ng/ul#	93
36) 2-Methylnaphthalene	12.443	142	13340	2.728	ng/ul	93
37) 1-Methylnaphthalene	12.660	142	10489	2.125	ng/ul#	95
72) Phenanthrene	17.418	178	14188	1.569	ng/ul	96
80) Fluoranthene	19.433	202	38504	3.420	ng/ul#	97
82) Pyrene	19.798	202	35064	3.143	ng/ul	98
85) Benzo(a)anthracene	21.630	228	21507m	2.044	ng/ul	
87) Chrysene	21.695	228	26984	2.713	ng/ul	98
90) Benzo(b)fluoranthene	23.851	252	47065	4.142	ng/ul	97
91) Benzo(k)fluoranthene	23.916	252	19879m	1.840	ng/ul	
93) Benzo(a)pyrene	24.732	252	24107	2.443	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.586	276	26950m	2.070	ng/ul	
96) Benzo(g,h,i)perylene	29.719	276	20630m	1.885	ng/ul	

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

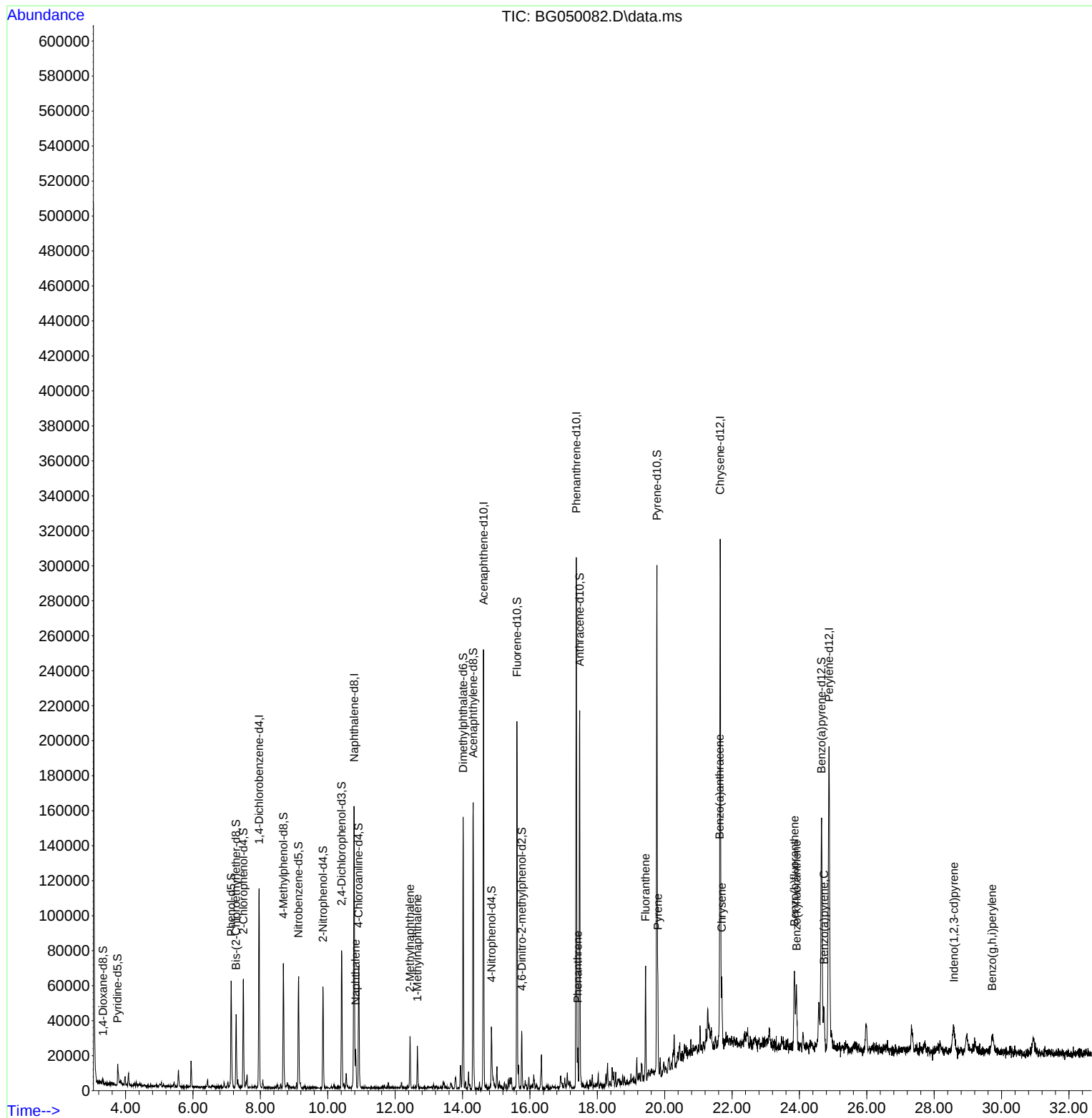
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Data File : BG050082.D
Acq On : 1 Sep 2021 3:25
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ALS Vial : 56 Sample Multiplier: 1

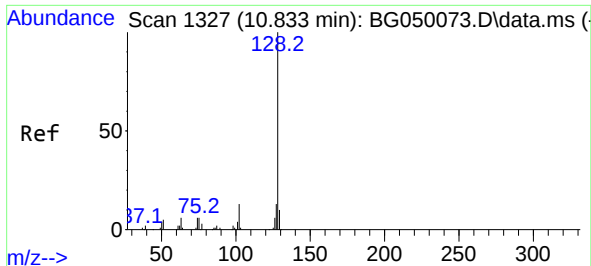
Instrument :
BNA_G
ClientSampleId :
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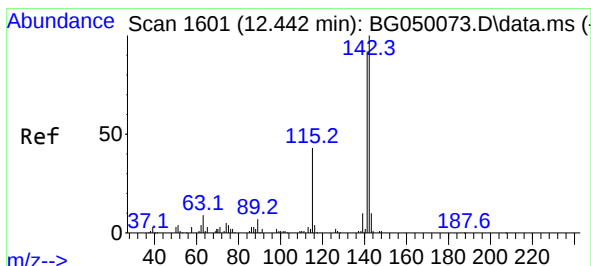
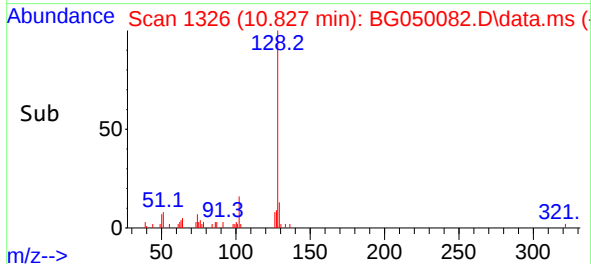
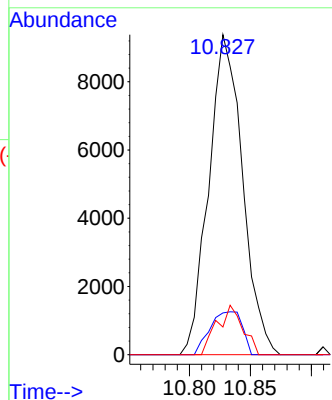
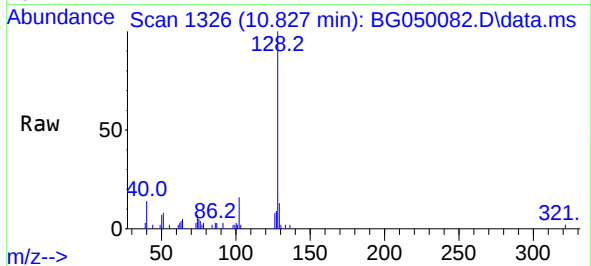
#30
Naphthalene
Concen: 2.751 ng/ul
RT: 10.827 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

Tgt Ion:	128	Resp:	18096
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.3	13.9
127	8.6	9.8	14.6#

Instrument :
BNA_G
ClientSampled :
C0AY9

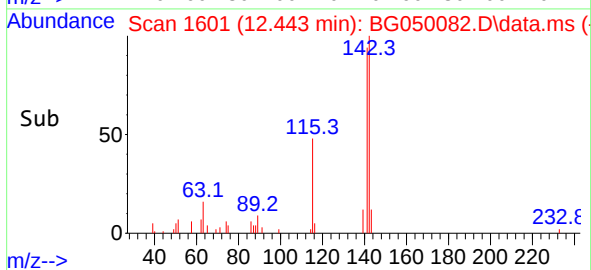
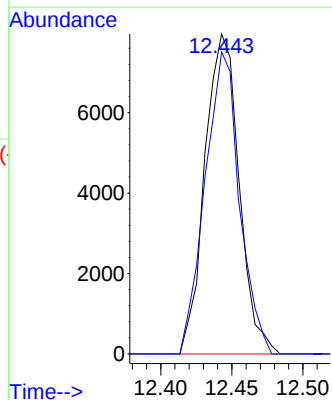
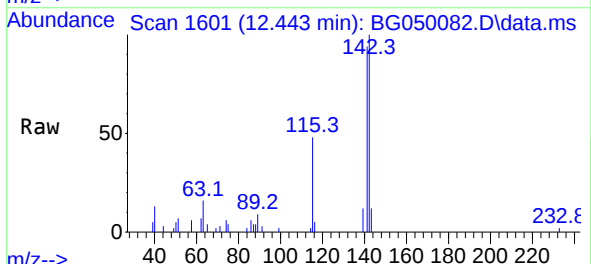
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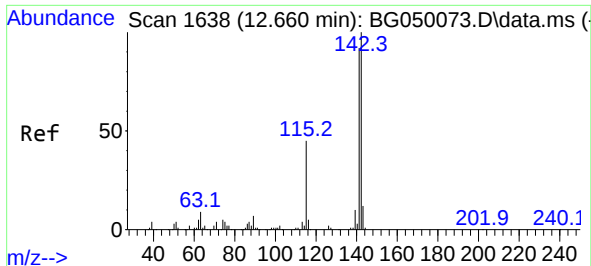
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#36
2-Methylnaphthalene
Concen: 2.728 ng/ul
RT: 12.443 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

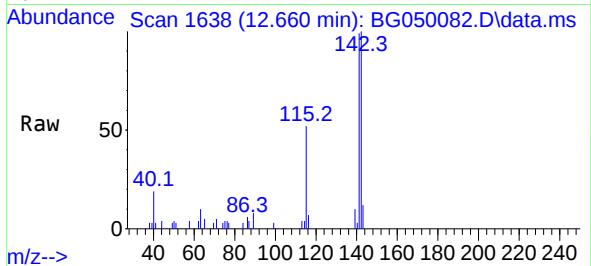
Tgt Ion:	142	Resp:	13340
Ion Ratio	Lower	Upper	
142	100		
141	94.4	70.5	105.7





#37
1-Methylnaphthalene
Concen: 2.125 ng/ul
RT: 12.660 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

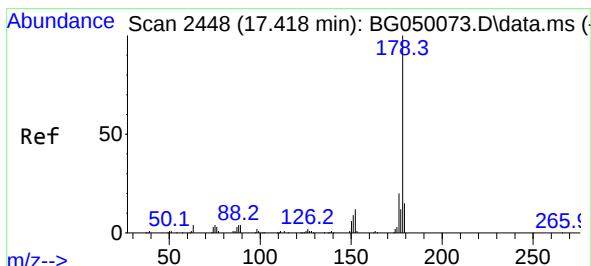
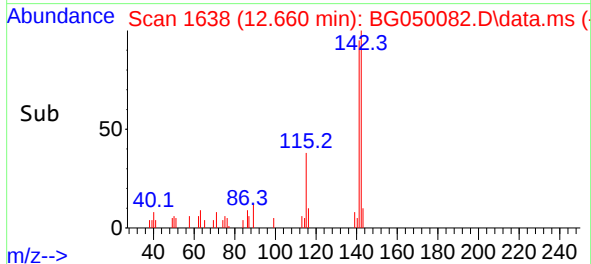
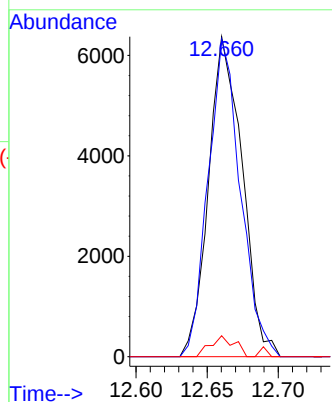
Instrument :
BNA_G
ClientSampleId :
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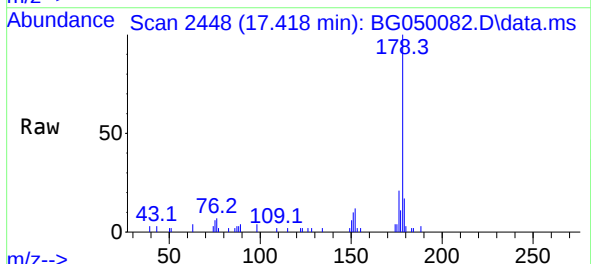
Tgt Ion:142 Resp: 10489
Ion Ratio Lower Upper
142 100
141 99.2 75.8 113.8
116 6.6 3.7 5.5#

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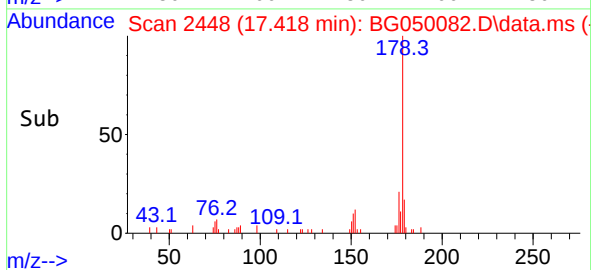
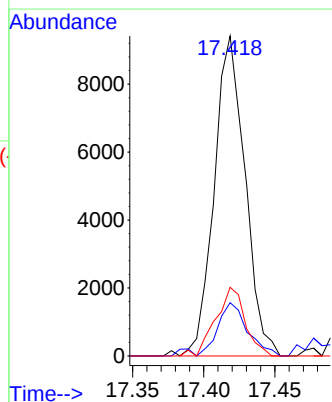
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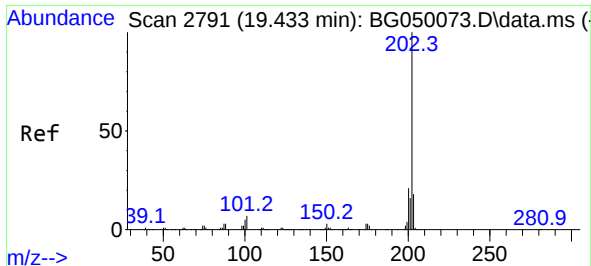


#72
Phenanthrene
Concen: 1.569 ng/ul
RT: 17.418 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

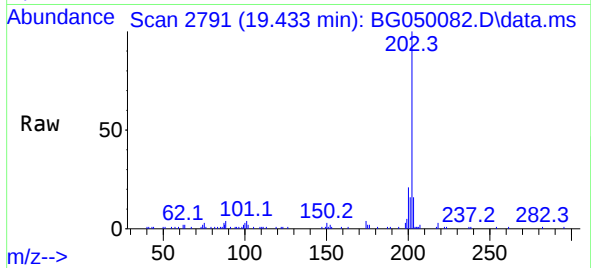


Tgt Ion:178 Resp: 14188
Ion Ratio Lower Upper
178 100
179 16.6 11.7 17.5
176 21.4 16.2 24.2

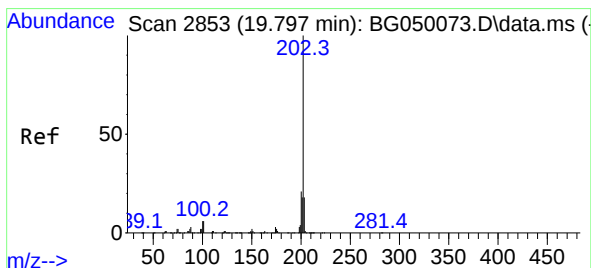
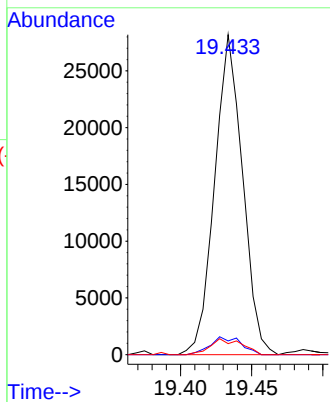
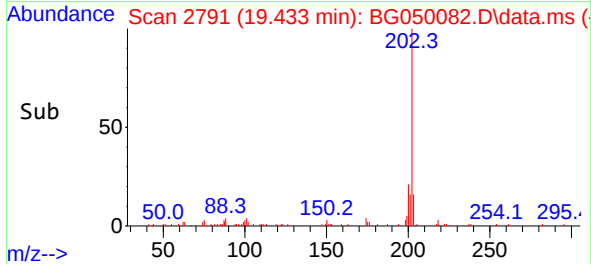




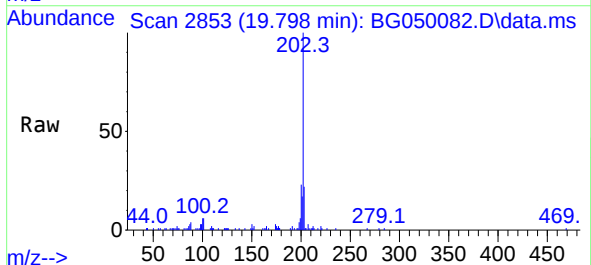
#80
Fluoranthene
Concen: 3.420 ng/u1
RT: 19.433 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25



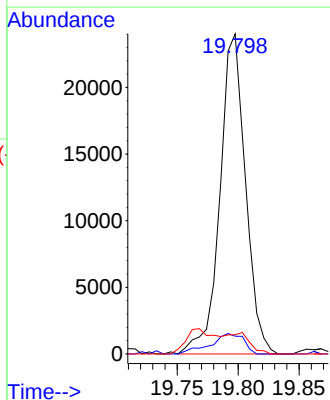
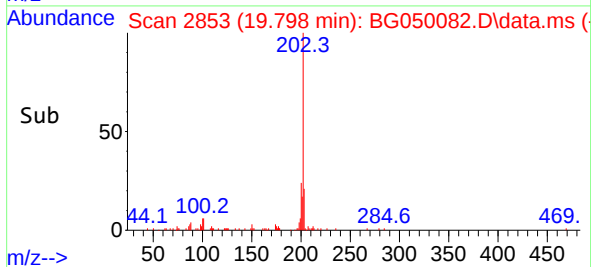
Tgt Ion:202 Resp: 38504
Ion Ratio Lower Upper
202 100
101 4.3 4.3 6.5#
100 3.5 3.5 5.3#



#82
Pyrene
Concen: 3.143 ng/u1
RT: 19.798 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25



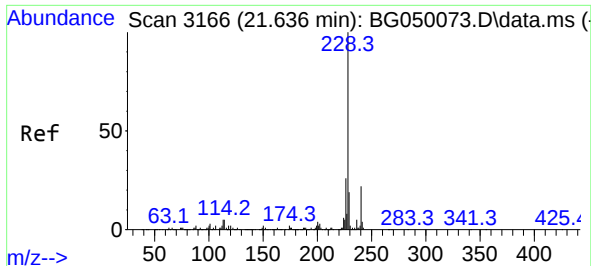
Tgt Ion:202 Resp: 35064
Ion Ratio Lower Upper
202 100
101 5.5 5.4 8.0
100 6.0 5.0 7.6



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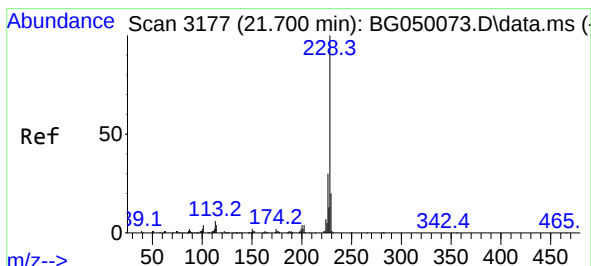
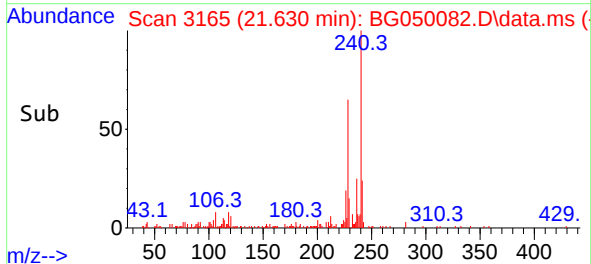
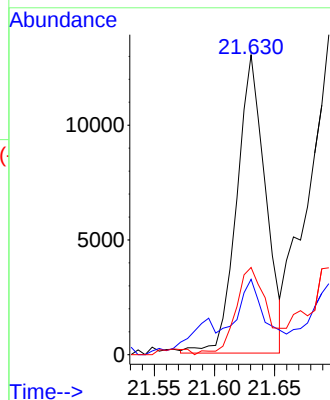
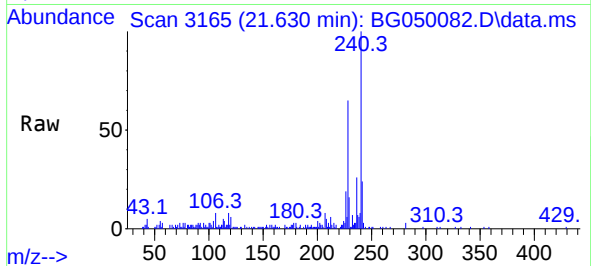
#85
Benzo(a)anthracene
Concen: 2.044 ng/ul m
RT: 21.630 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

Tgt Ion:228 Resp: 21507
Ion Ratio Lower Upper
228 100
229 25.2 16.2 24.4#
226 29.1 21.0 31.4

Instrument :
BNA_G
ClientSampled :
C0AY9

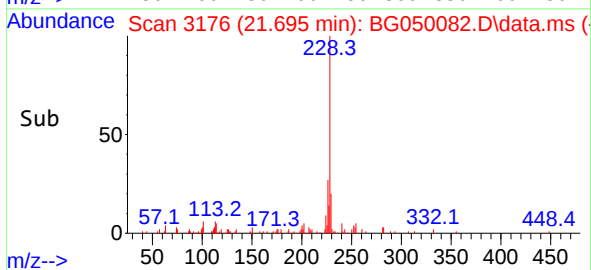
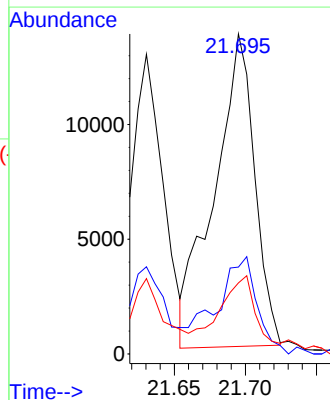
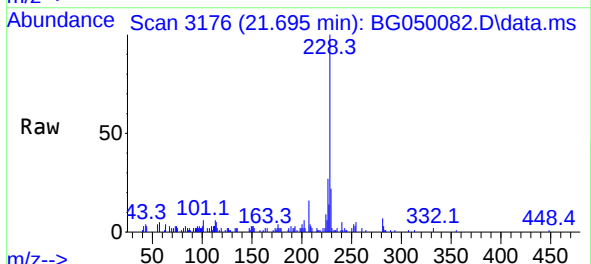
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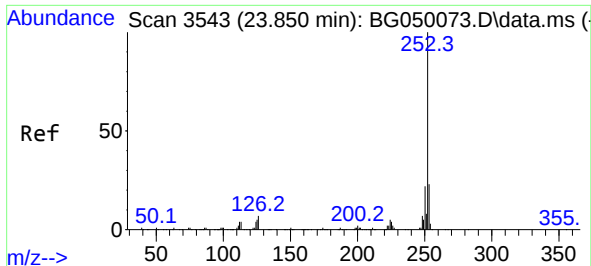
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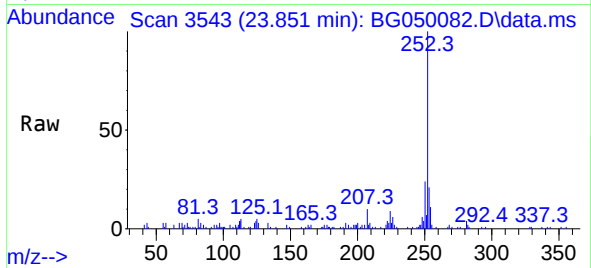
#87
Chrysene
Concen: 2.713 ng/ul
RT: 21.695 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

Tgt Ion:228 Resp: 26984
Ion Ratio Lower Upper
228 100
226 27.2 23.0 34.4
229 22.2 17.8 26.6

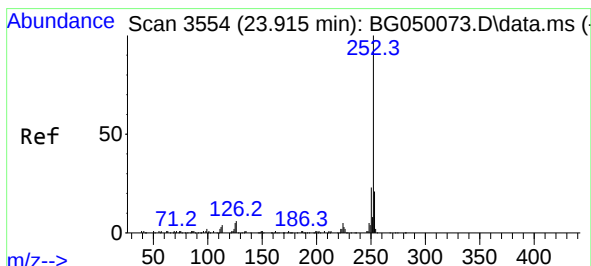
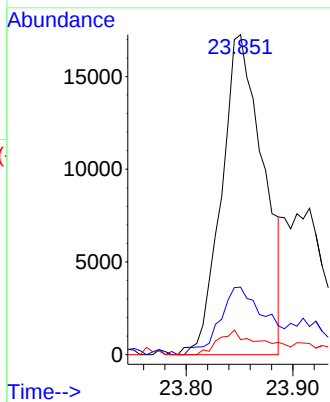
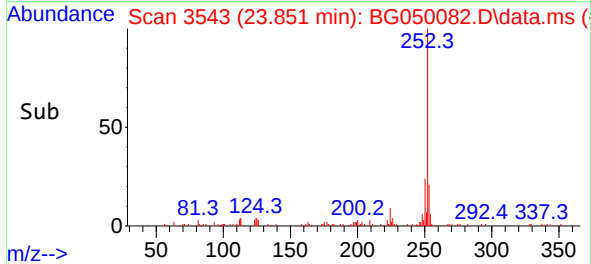




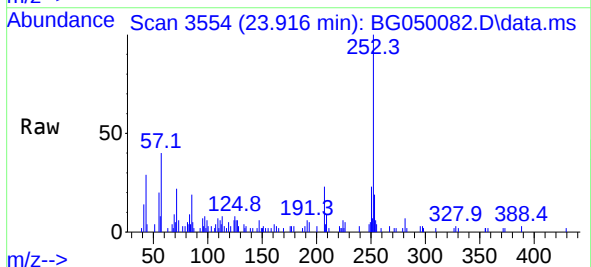
#90
Benzo(b)fluoranthene
Concen: 4.142 ng/ul
RT: 23.851 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25



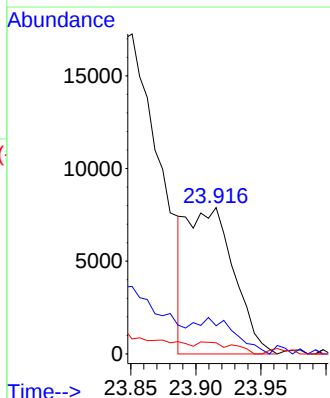
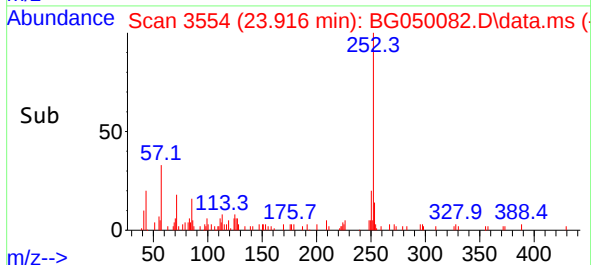
Tgt Ion:252 Resp: 47065
Ion Ratio Lower Upper
252 100
253 21.1 18.1 27.1
125 4.7 3.4 5.0



#91
Benzo(k)fluoranthene
Concen: 1.840 ng/ul m
RT: 23.916 min Scan# 3554
Delta R.T. 0.006 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25



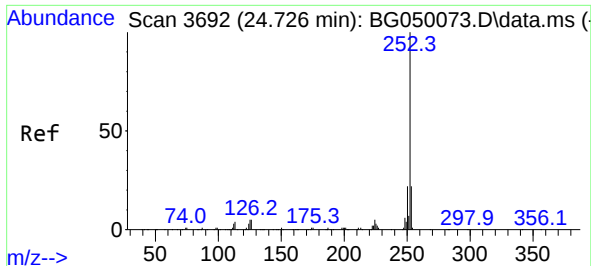
Tgt Ion:252 Resp: 19879
Ion Ratio Lower Upper
252 100
253 19.2 17.7 26.5
125 7.7 4.1 6.1#



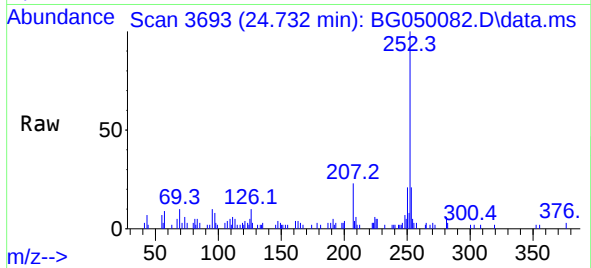
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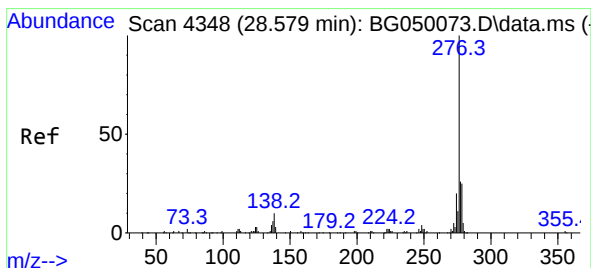
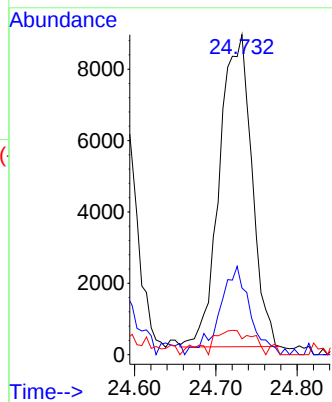
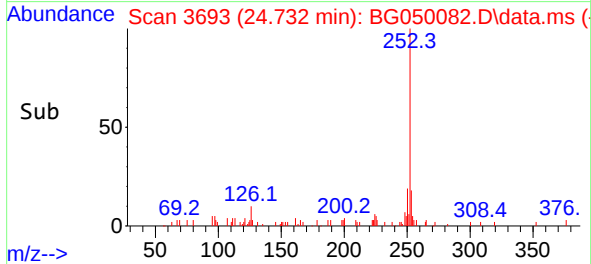
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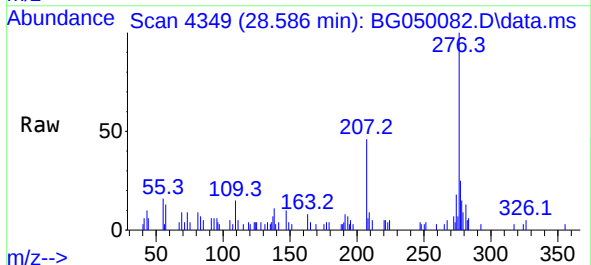
#93
Benzo(a)pyrene
Concen: 2.443 ng/ul
RT: 24.732 min Scan# 3693
Delta R.T. 0.012 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25



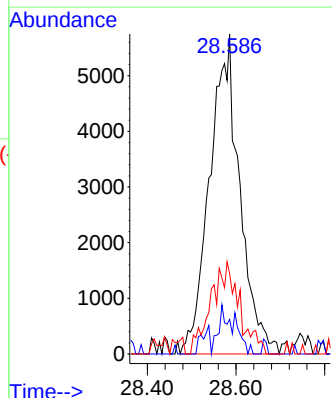
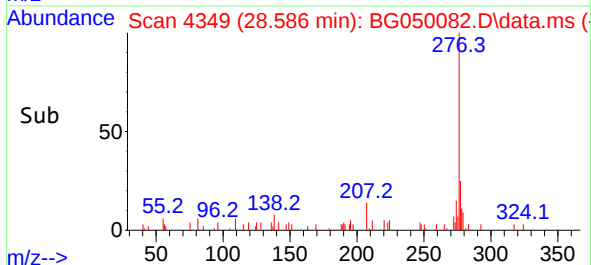
Tgt Ion:252 Resp: 24107
Ion Ratio Lower Upper
252 100
253 20.9 17.0 25.4
125 5.0 4.4 6.6



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.070 ng/ul m
RT: 28.586 min Scan# 4349
Delta R.T. 0.018 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25



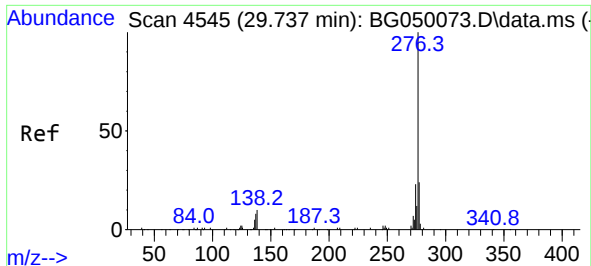
Tgt Ion:276 Resp: 26950
Ion Ratio Lower Upper
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138 10.8 5.5 8.3#
277 25.1 18.6 27.8



Instrument :
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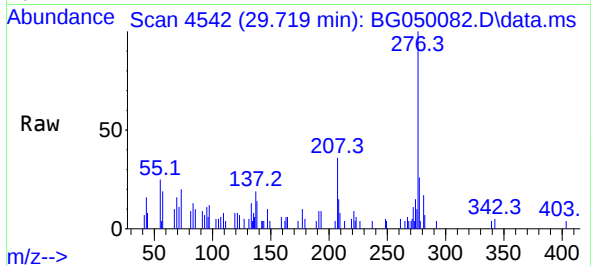
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#96
Benzo(g,h,i)perylene
Concen: 1.885 ng/ul m
RT: 29.719 min Scan# 4542
Delta R.T. 0.006 min
Lab File: BG050082.D
Acq: 1 Sep 2021 3:25

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.2	8.6	13.0#
277	26.0	17.4	26.0

Manual Integrations
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