

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049503.D
 Acq On : 27 Jul 2021 11:44
 Operator : CG/JU
 Sample : M3084-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0021

Manual Integrations
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 7/28/2021 11:29:31 AM

Quant Time: Jul 27 12:45:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	28065	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	115273	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	76249	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	155284	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	140239	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	143223	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	1367	2.228	ng/uL	0.00
4) Pyridine-d5	3.890	84	3976	2.257	ng/ul	0.03
7) Phenol-d5	7.209	99	33579	13.523	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	19925	14.168	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	26251	14.749	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	25492	13.620	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	14448	16.302	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	16494	15.882	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	26484	14.021	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	28294	10.748	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	89845	15.382	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	109249	16.104	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	7892	8.205	ng/ul	0.00
60) Fluorene-d10	15.686	176	77373	15.377	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	8446	8.777	ng/ul	0.00
73) Anthracene-d10	17.548	188	116139m	16.092	ng/ul	0.00
81) Pyrene-d10	19.833	212	126782	17.680	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	117698	15.635	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.916	128	5985	1.008	ng/ul#	94
36) 2-Methylnaphthalene	12.519	142	4549	1.047	ng/ul	86
72) Phenanthrene	17.489	178	23602	2.920	ng/ul	97
80) Fluoranthene	19.498	202	36641	4.208	ng/ul	98
82) Pyrene	19.856	202	29705	3.436	ng/ul	98
85) Benzo(a)anthracene	21.707	228	16518	1.926	ng/ul	98
87) Chrysene	21.771	228	22063m	2.688	ng/ul	
90) Benzo(b)fluoranthene	23.957	252	30284	3.374	ng/ul	95
93) Benzo(a)pyrene	24.850	252	17369	2.230	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.733	276	17551m	1.766	ng/ul	
96) Benzo(g,h,i)perylene	29.919	276	16045m	1.942	ng/ul	

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

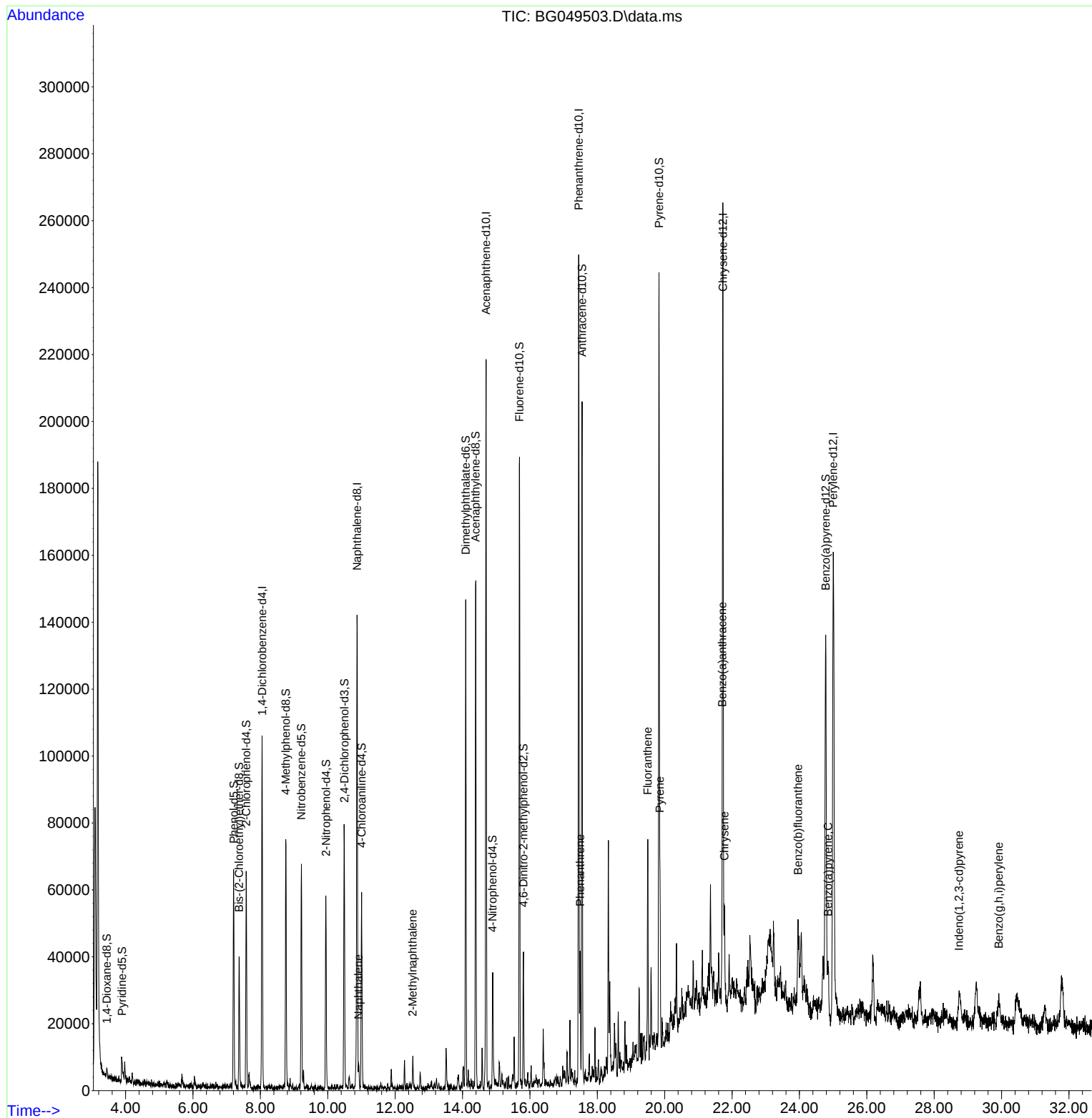
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049503.D
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Operator : CG/JU
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ALS Vial : 33 Sample Multiplier: 1

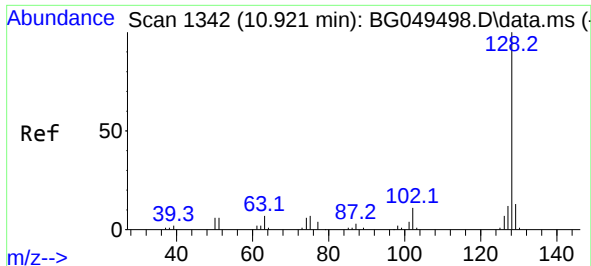
Instrument :
BNA_G
ClientSampleId :
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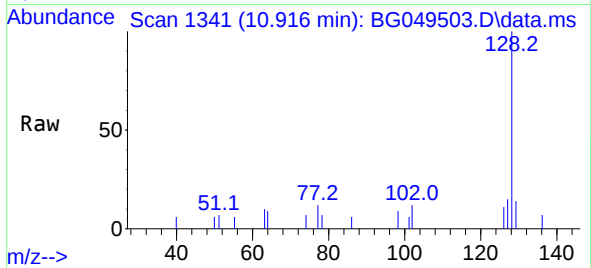
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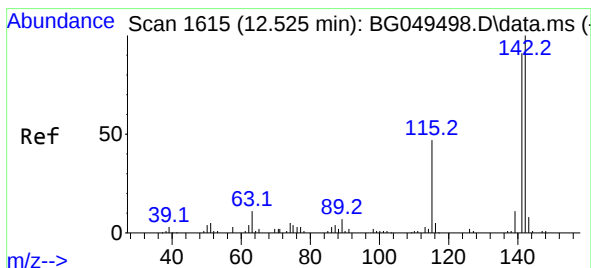
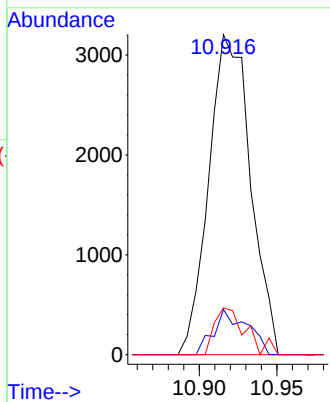
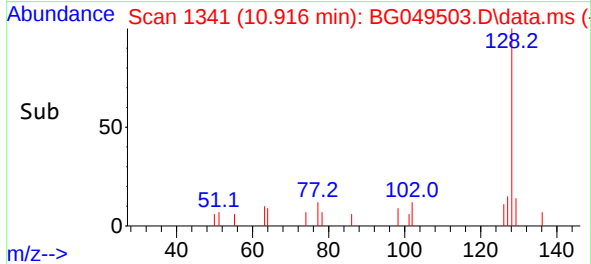




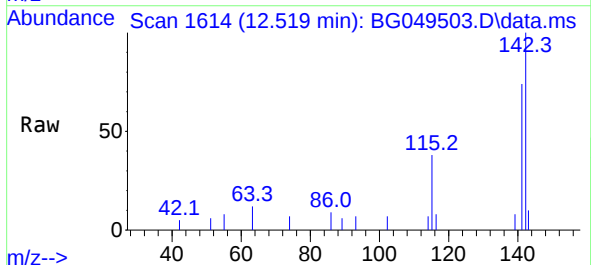
#30
Naphthalene
Concen: 1.008 ng/ul
RT: 10.916 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG049503.D
Acq: 27 Jul 2021 11:44



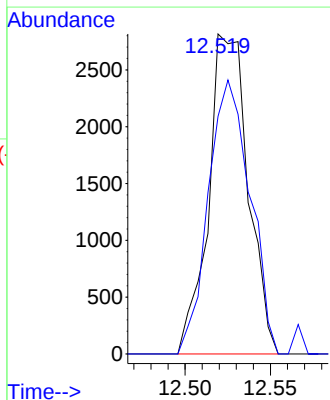
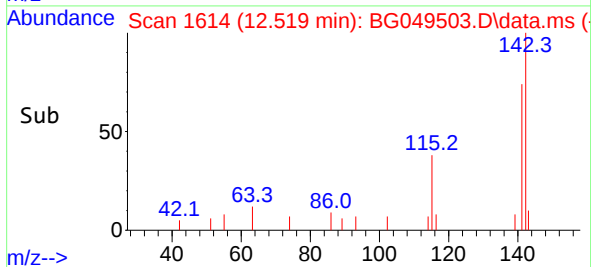
Tgt Ion:128 Resp: 5985
Ion Ratio Lower Upper
128 100
129 14.1 7.8 11.8#
127 14.6 11.0 16.6



#36
2-Methylnaphthalene
Concen: 1.047 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BG049503.D
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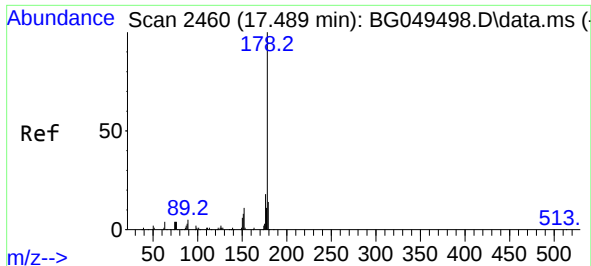
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Ion Ratio Lower Upper
142 100
141 74.3 69.9 104.9



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BNA_G
ClientSampleId :
C0021

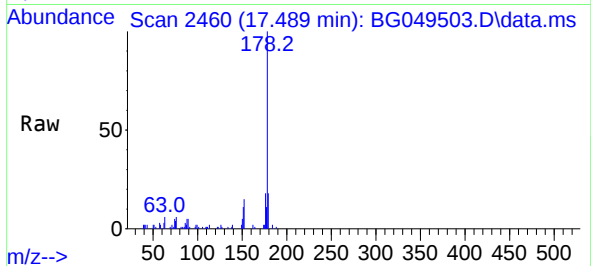
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#72
Phenanthrene
Concen: 2.920 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BG049503.D
Acq: 27 Jul 2021 11:44

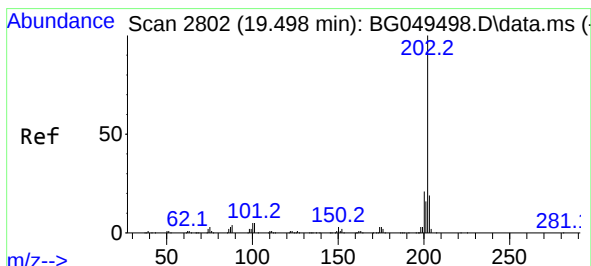
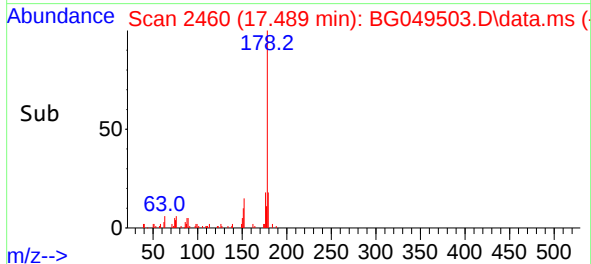
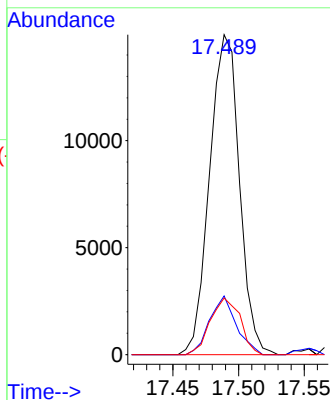
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BNA_G
ClientSampled :
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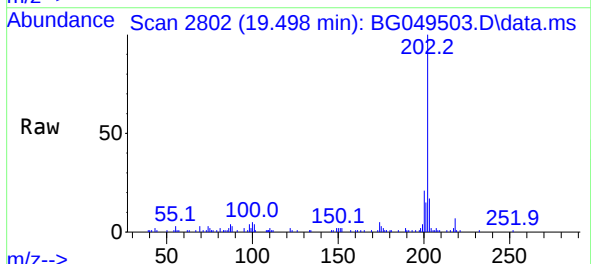
Tgt Ion:178 Resp: 23602
Ion Ratio Lower Upper
178 100
179 18.4 13.2 19.8
176 17.7 15.0 22.6

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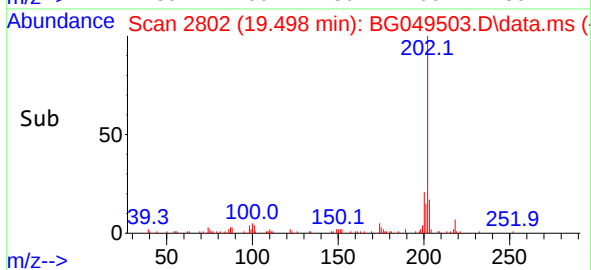
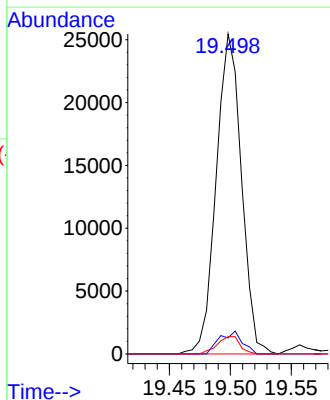
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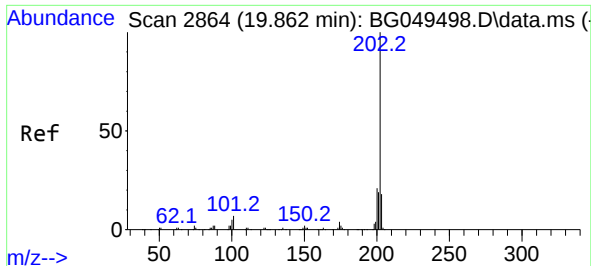


#80
Fluoranthene
Concen: 4.208 ng/ul
RT: 19.498 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049503.D
Acq: 27 Jul 2021 11:44



Tgt Ion:202 Resp: 36641
Ion Ratio Lower Upper
202 100
101 5.0 4.3 6.5
100 5.4 3.8 5.6





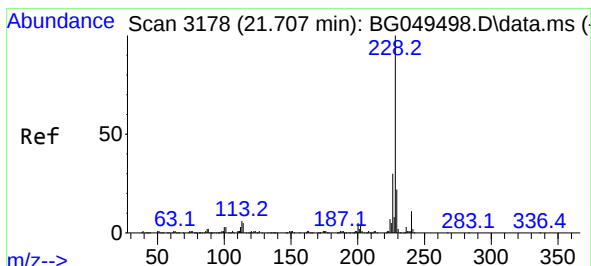
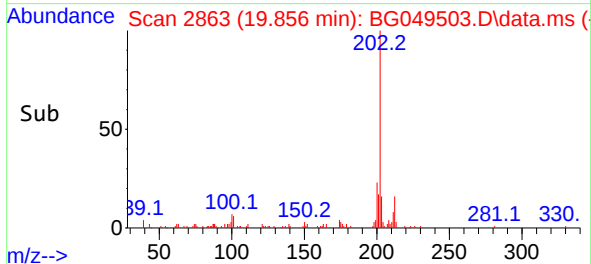
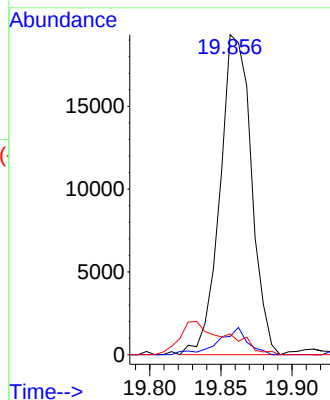
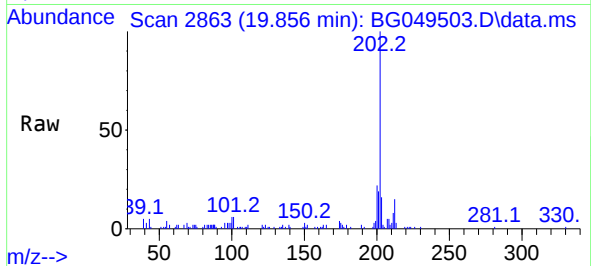
#82
Pyrene
Concen: 3.436 ng/ul
RT: 19.856 min Scan# 2863
Delta R.T. -0.006 min
Lab File: BG049503.D
Acq: 27 Jul 2021 11:44

Tgt Ion:	202	Resp:	29705
Ion Ratio	Lower	Upper	
202	100		
101	5.7	5.3	7.9
100	6.5	4.7	7.1

Instrument :
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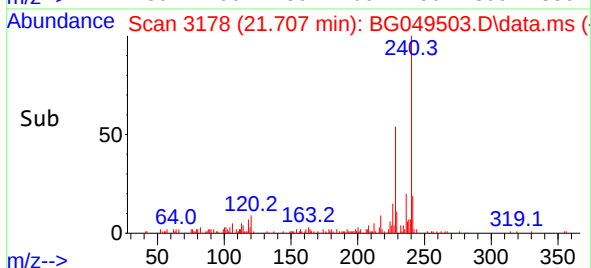
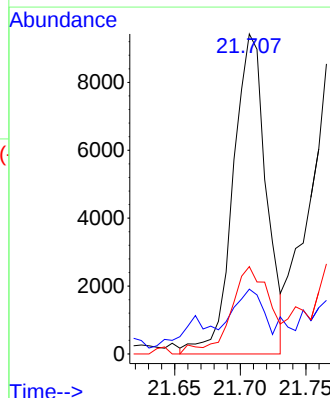
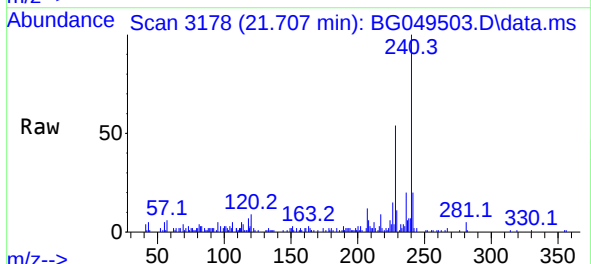
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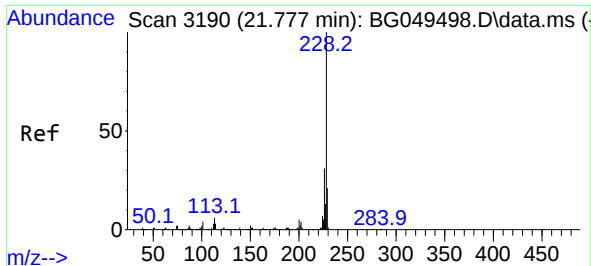
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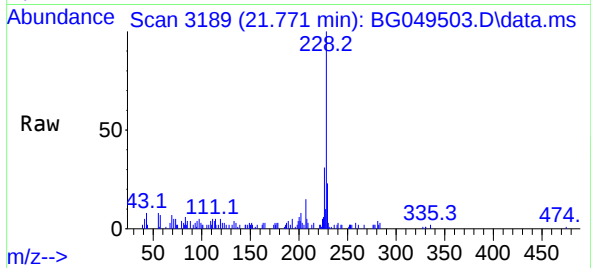
#85
Benzo(a)anthracene
Concen: 1.926 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049503.D
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Tgt Ion:	228	Resp:	16518
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.2
226	27.3	21.1	31.7

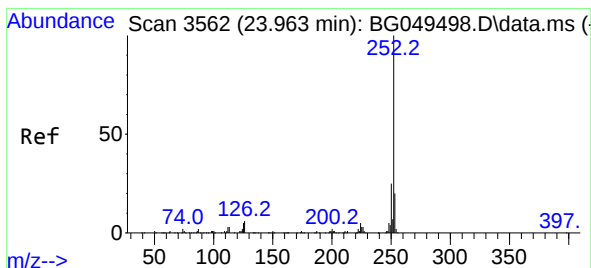
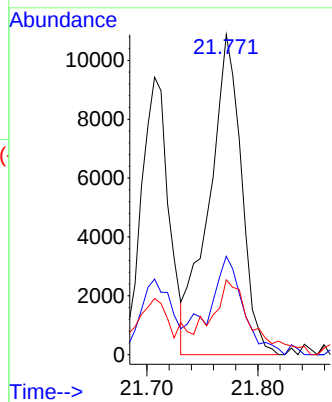
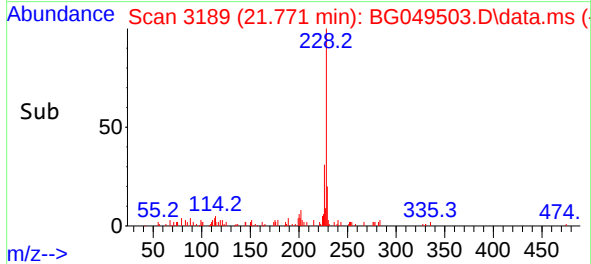




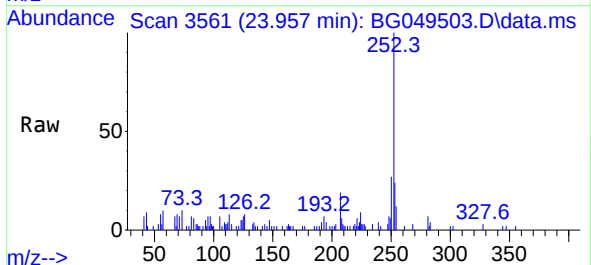
#87
Chrysene
Concen: 2.688 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BG049503.D
Acq: 27 Jul 2021 11:44



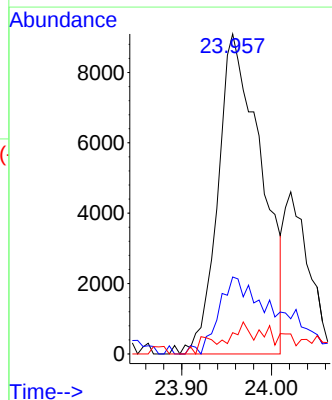
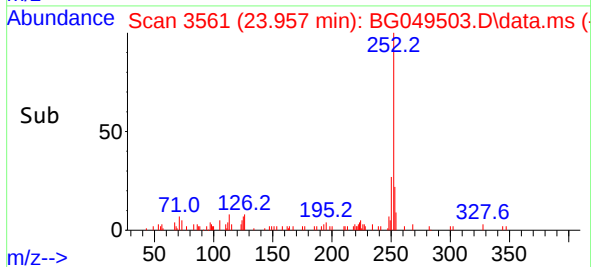
Tgt Ion:228 Resp: 22063
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 23.4 14.9 22.3#



#90
Benzo(b)fluoranthene
Concen: 3.374 ng/ul
RT: 23.957 min Scan# 3561
Delta R.T. -0.001 min
Lab File: BG049503.D
Acq: 27 Jul 2021 11:44



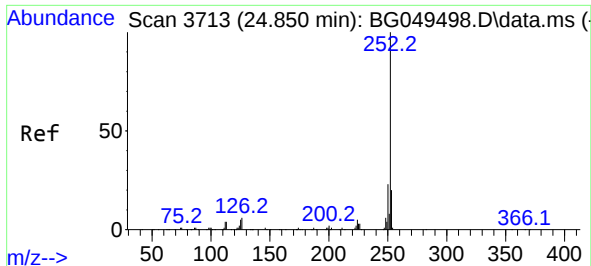
Tgt Ion:252 Resp: 30284
Ion Ratio Lower Upper
252 100
253 24.0 17.1 25.7
125 6.7 4.5 6.7



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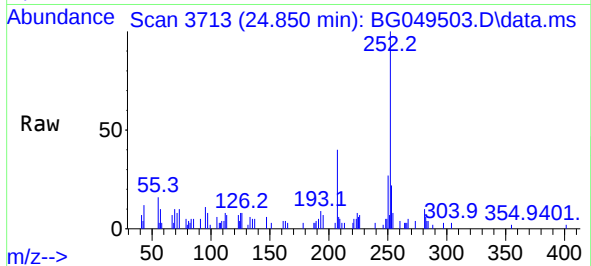
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#93
Benzo(a)pyrene
Concen: 2.230 ng/ul
RT: 24.850 min Scan# 3713
Delta R.T. 0.011 min
Lab File: BG049503.D
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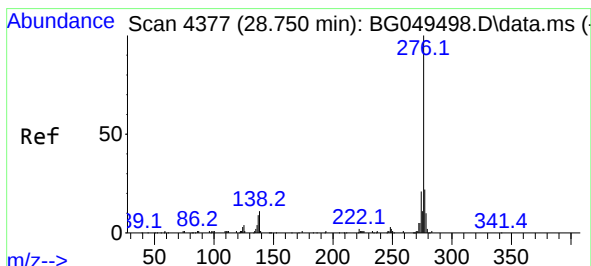
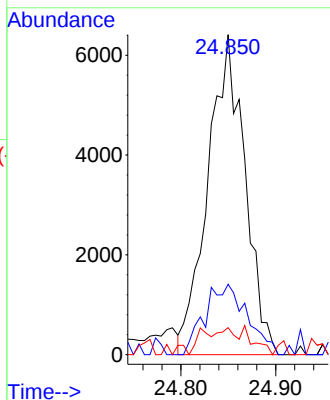
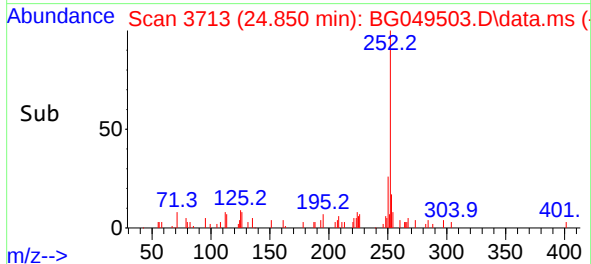
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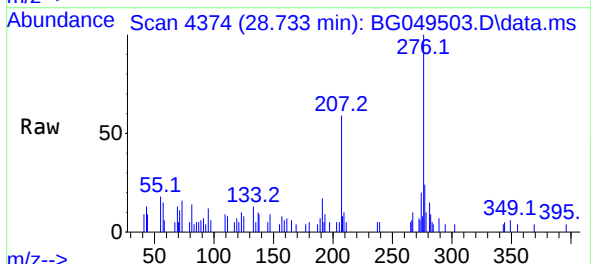
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Ion Ratio Lower Upper
252 100
253 22.0 16.4 24.6
125 8.5 4.6 6.8#

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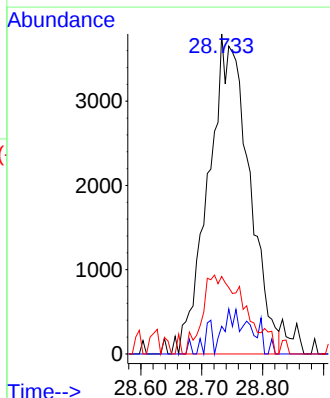
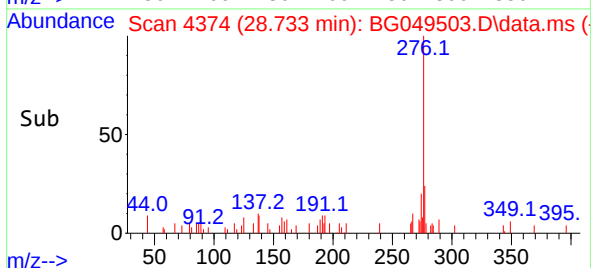
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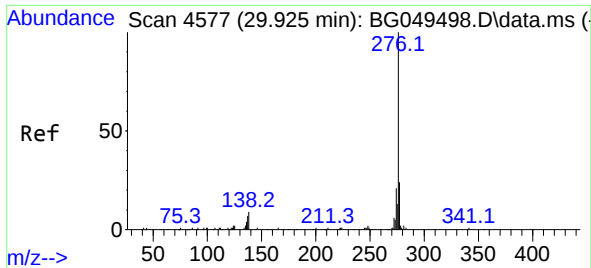


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.766 ng/ul m
RT: 28.733 min Scan# 4374
Delta R.T. -0.006 min
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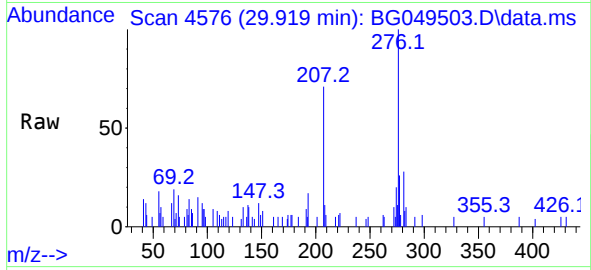


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Ion Ratio Lower Upper
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277 24.2 19.2 28.8

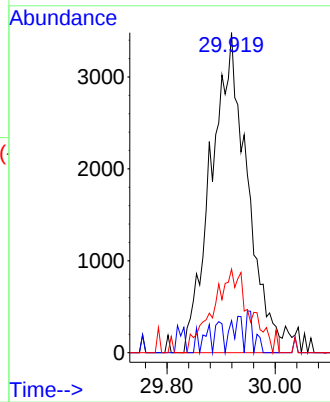
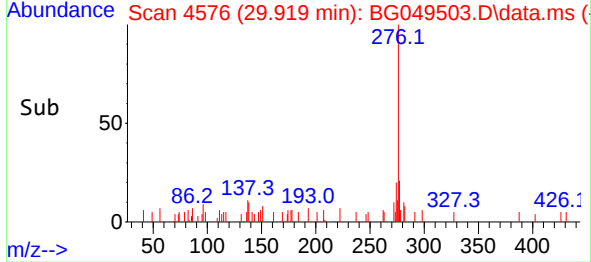




#96
Benzo(g,h,i)perylene
Concen: 1.942 ng/ul m
RT: 29.919 min Scan# 4576
Delta R.T. 0.017 min
Lab File: BG049503.D
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Tgt Ion:276 Resp: 16045
Ion Ratio Lower Upper
276 100
138 10.0 10.8 16.2#
277 26.1 20.6 31.0



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