

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049675.D
 Acq On : 6 Aug 2021 14:05
 Operator : CG/JU
 Sample : M3124-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0087

Manual Integrations
 APPROVED

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Quant Time: Aug 06 15:02:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	27339	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	112742	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.696	164	69795	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	134254	20.000	ng/ul	0.00
79) Chrysene-d12	21.733	240	123166	20.000	ng/ul	0.00
88) Perylene-d12	25.023	264	129707	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	749	1.281	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.194	99	25849	10.418	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.365	67	14916	10.466	ng/ul	0.00
11) 2-Chlorophenol-d4	7.564	132	20590	11.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.745	113	21024	11.113	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	10185	11.468	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	12320	12.147	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	22632	11.834	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	1696m	0.648	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	72840	13.299	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	84559	12.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.896	143	8275	9.344	ng/ul	0.00
60) Fluorene-d10	15.689	176	63261	13.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	6487	7.179	ng/ul	0.00
73) Anthracene-d10	17.545	188	87922	13.874	ng/ul	0.00
81) Pyrene-d10	19.830	212	74400	10.963	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.794	264	48828	6.870	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.913	128	8409	1.428	ng/ul#	92
36) 2-Methylnaphthalene	12.522	142	25055	5.558	ng/ul	96
37) 1-Methylnaphthalene	12.746	142	11633	2.652	ng/ul#	98
43) 1,1'-Biphenyl	13.521	154	6112	1.176	ng/ul#	94
72) Phenanthrene	17.486	178	53029	7.463	ng/ul	99
80) Fluoranthene	19.501	202	17742	2.118	ng/ul#	97
82) Pyrene	19.865	202	14360	1.719	ng/ul#	92
85) Benzo(a)anthracene	21.710	228	9786	1.210	ng/ul#	58
87) Chrysene	21.780	228	38570m	5.107	ng/ul	
90) Benzo(b)fluoranthene	23.971	252	14788	1.744	ng/ul#	69

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

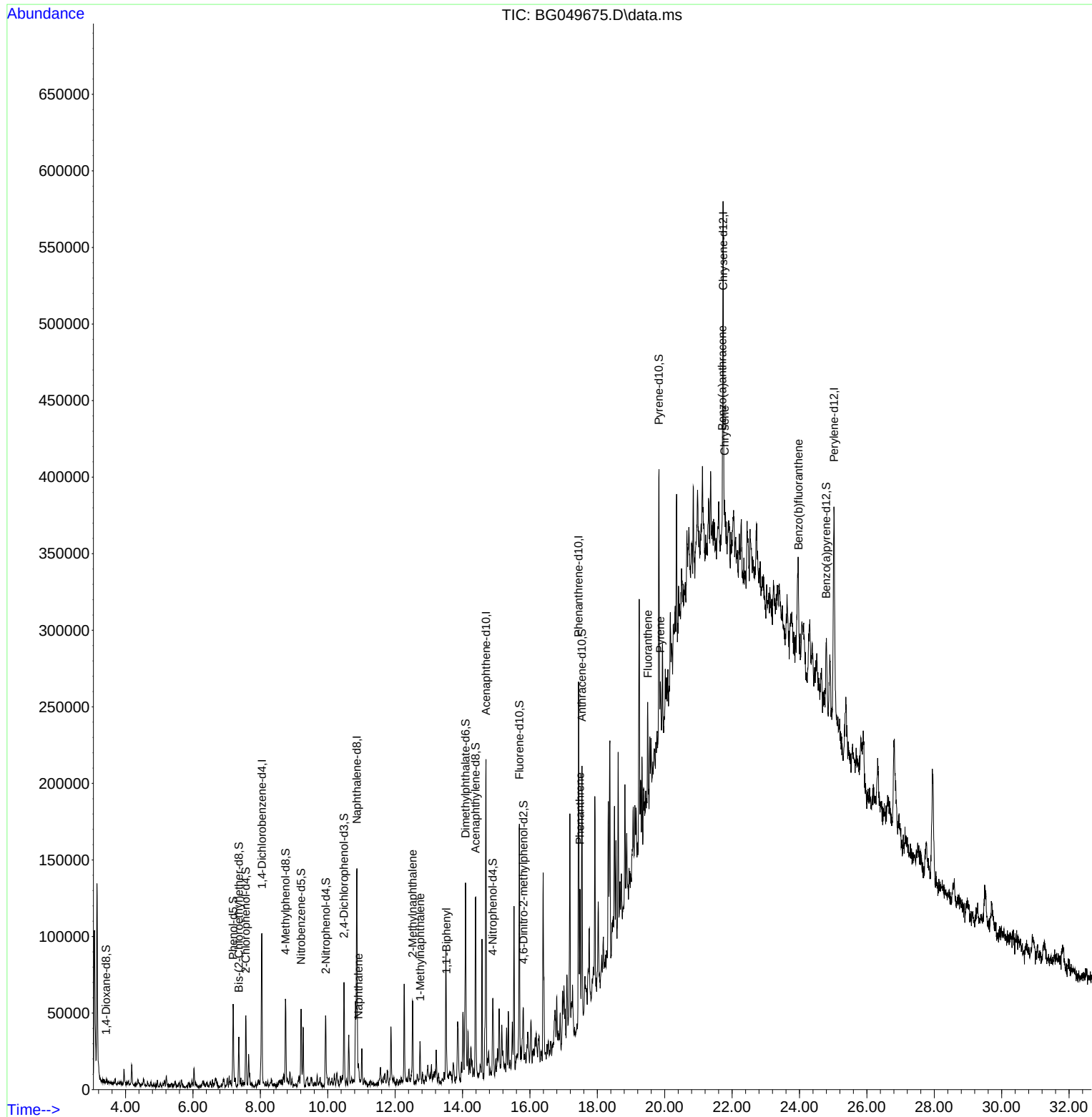
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049675.D
Acq On : 6 Aug 2021 14:05
Operator : CG/JU
Sample : M3124-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

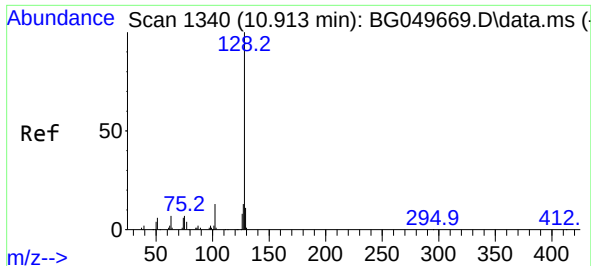
Instrument :
BNA_G
ClientSampleId :
C0087

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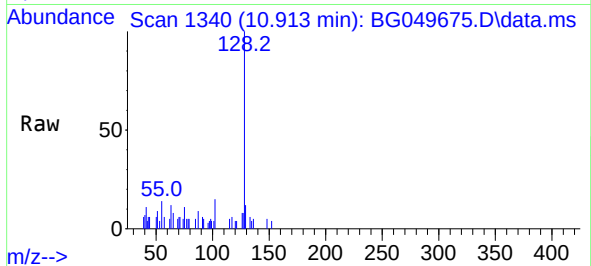
Quant Time: Aug 06 15:02:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.428 ng/ul
RT: 10.913 min Scan# 1340
Delta R.T. -0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

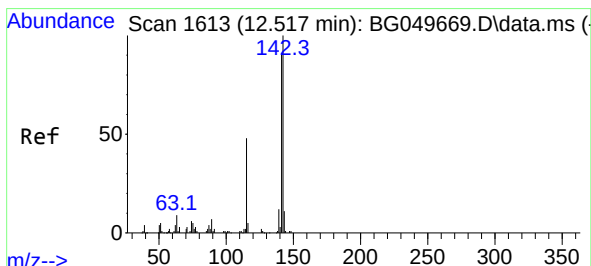
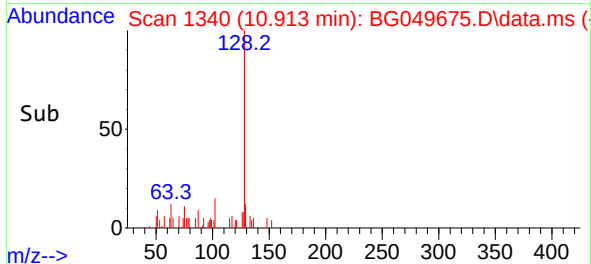
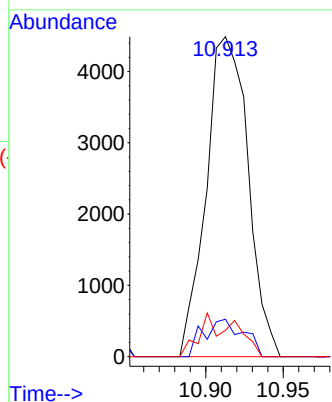
Instrument :
BNA_G
ClientSampleId :
C0087



Tgt Ion:128 Resp: 8409
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 8.3 10.6 16.0#

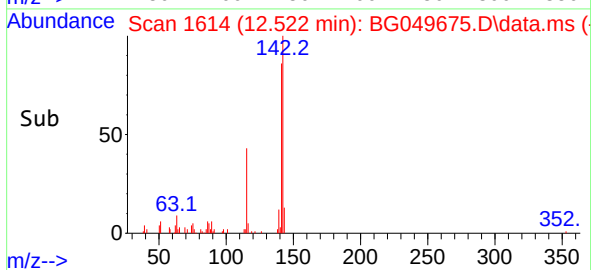
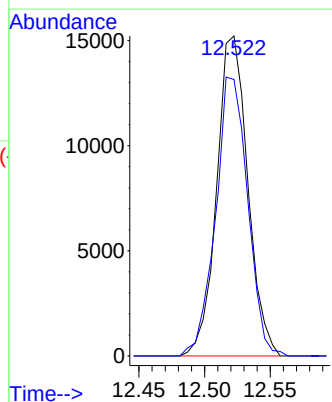
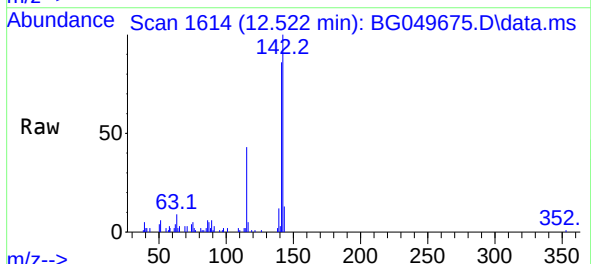
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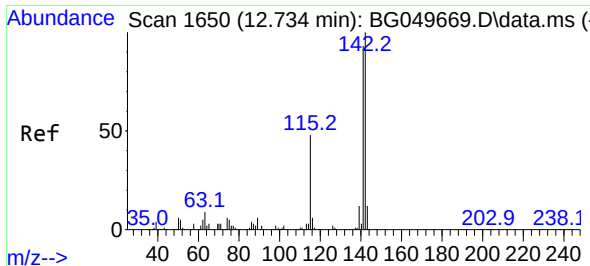
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#36
2-Methylnaphthalene
Concen: 5.558 ng/ul
RT: 12.522 min Scan# 1614
Delta R.T. 0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

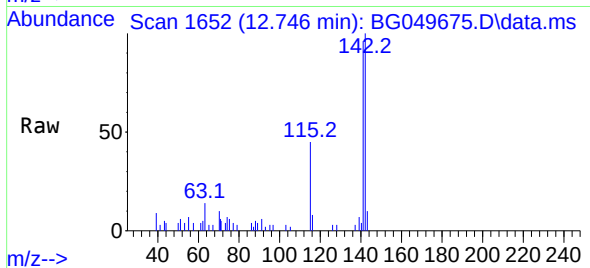
Tgt Ion:142 Resp: 25055
Ion Ratio Lower Upper
142 100
141 86.4 71.8 107.8





#37
1-Methylnaphthalene
Concen: 2.652 ng/ul
RT: 12.746 min Scan# 1652
Delta R.T. 0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

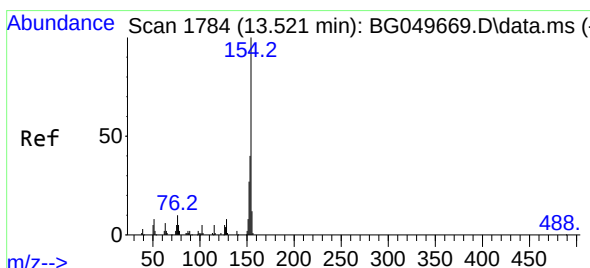
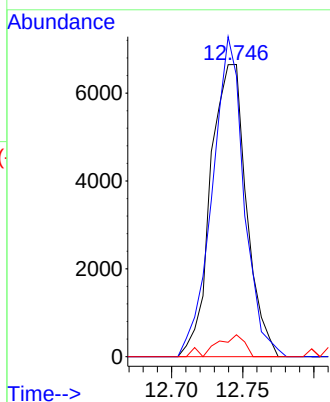
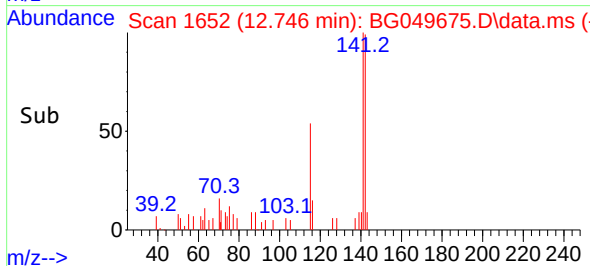
Instrument :
BNA_G
ClientSampled :
C0087



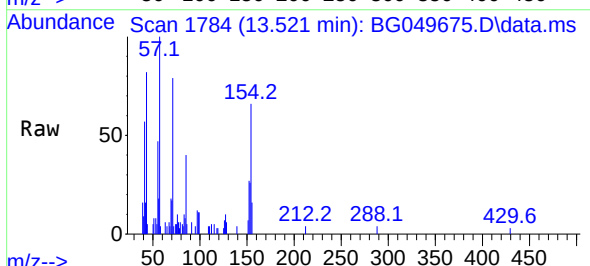
Tgt Ion:142 Resp: 11633
Ion Ratio Lower Upper
142 100
141 96.2 75.4 113.0
116 7.5 4.2 6.2#

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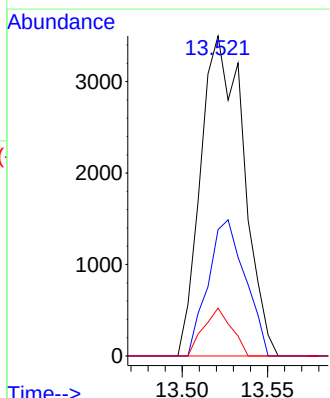
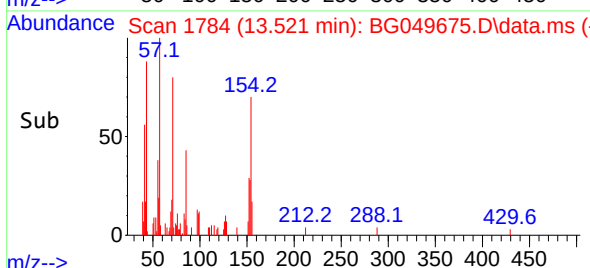
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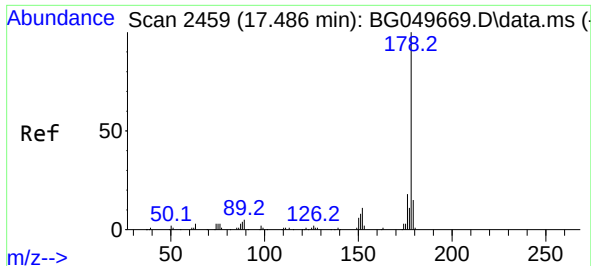


#43
1,1'-Biphenyl
Concen: 1.176 ng/ul
RT: 13.521 min Scan# 1784
Delta R.T. -0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

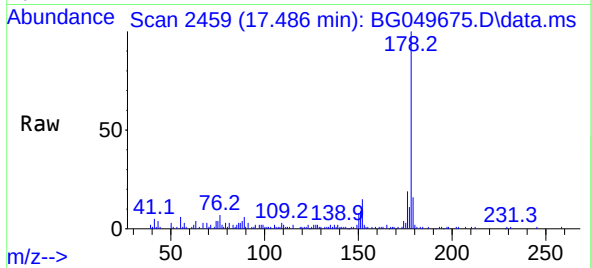


Tgt Ion:154 Resp: 6112
Ion Ratio Lower Upper
154 100
153 39.4 34.1 51.1
76 15.0 8.6 12.8#

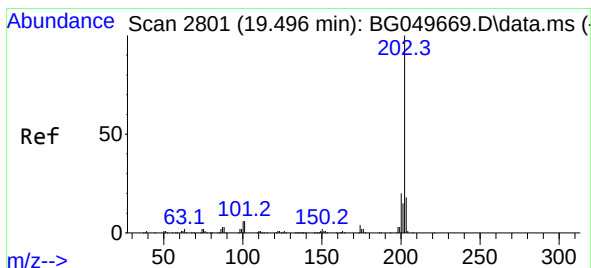
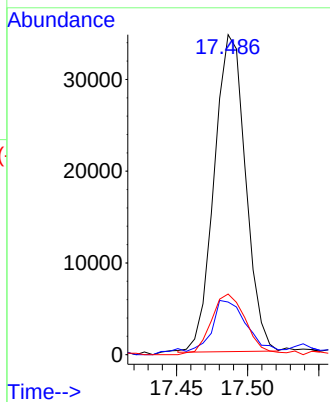
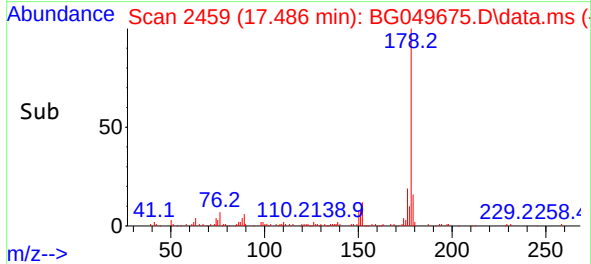




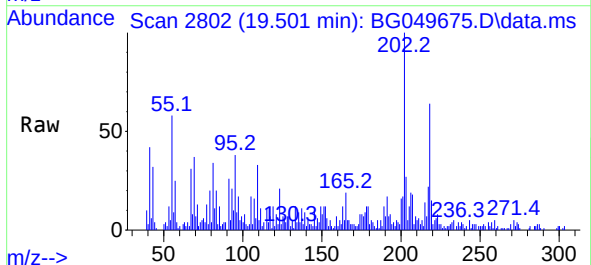
#72
Phenanthrene
Concen: 7.463 ng/u1
RT: 17.486 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05



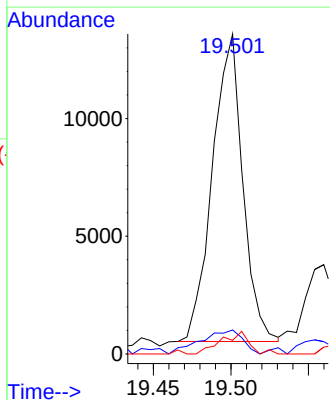
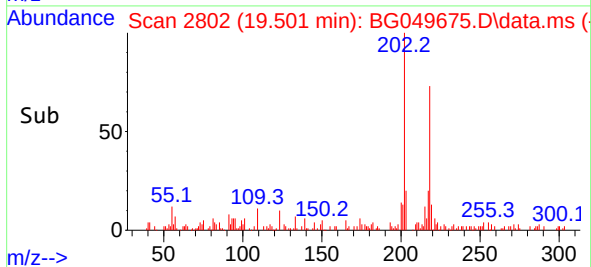
Tgt Ion:178 Resp: 53029
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 19.0 15.4 23.2



#80
Fluoranthene
Concen: 2.118 ng/u1
RT: 19.501 min Scan# 2802
Delta R.T. 0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05



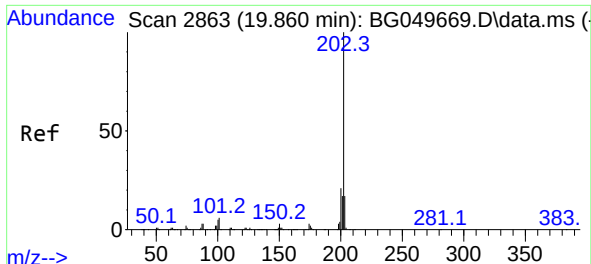
Tgt Ion:202 Resp: 17742
Ion Ratio Lower Upper
202 100
101 7.5 4.8 7.2#
100 4.3 3.9 5.9



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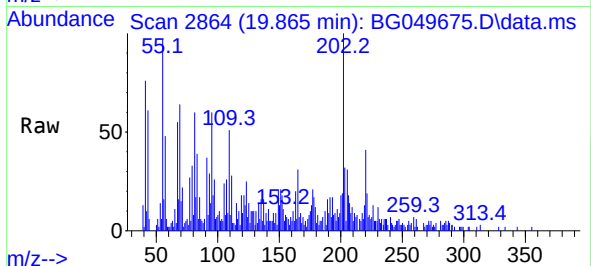
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#82
Pyrene
Concen: 1.719 ng/ul
RT: 19.865 min Scan# 2864
Delta R.T. 0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

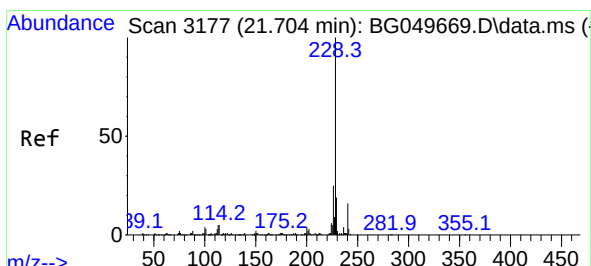
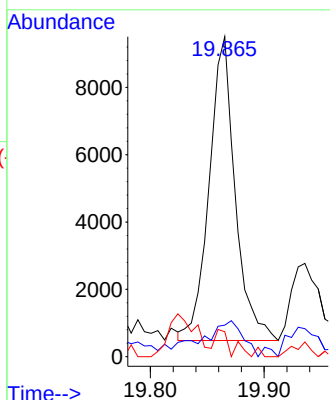
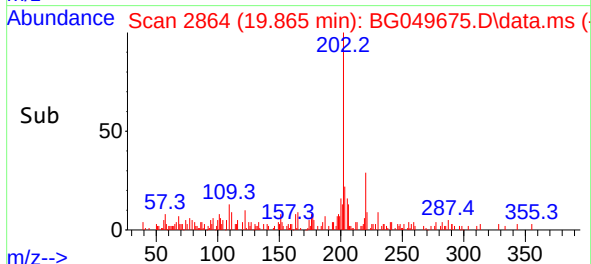
Instrument :
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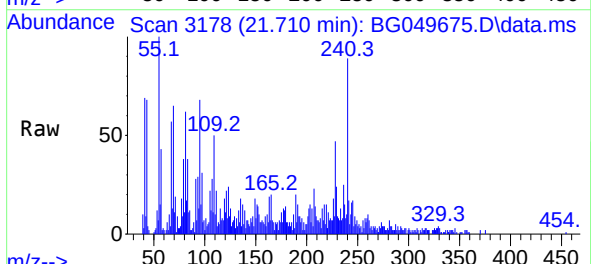
Tgt Ion:202 Resp: 14360
Ion Ratio Lower Upper
202 100
101 9.9 5.2 7.8#
100 7.8 4.8 7.2#

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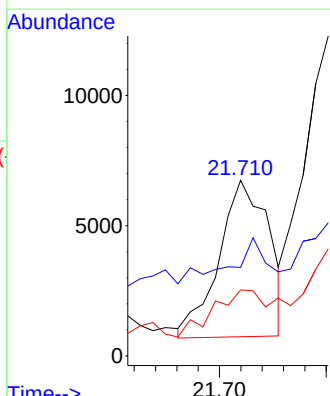
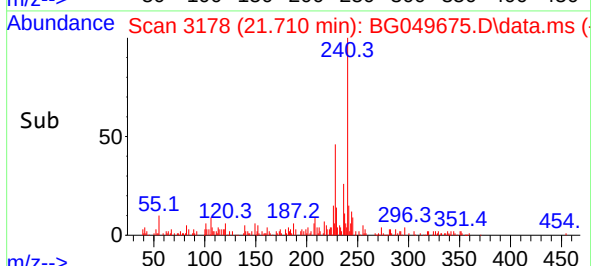
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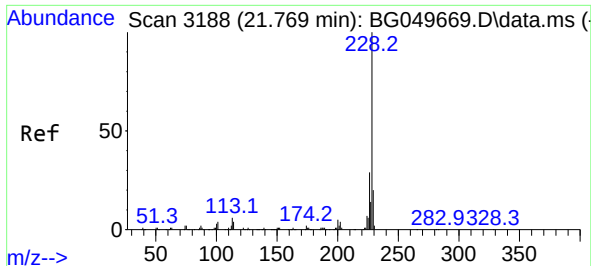


#85
Benzo(a)anthracene
Concen: 1.210 ng/ul
RT: 21.710 min Scan# 3178
Delta R.T. 0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05



Tgt Ion:228 Resp: 9786
Ion Ratio Lower Upper
228 100
229 50.4 15.3 22.9#
226 37.6 21.0 31.6#





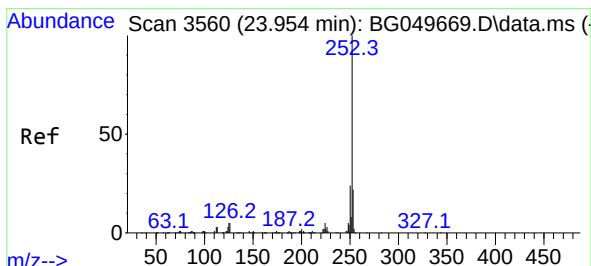
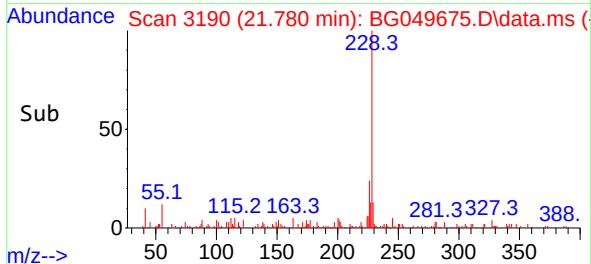
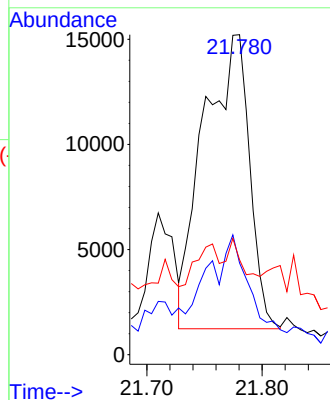
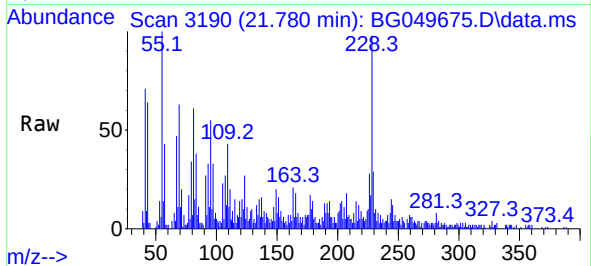
#87
Chrysene
Concen: 5.107 ng/ul m
RT: 21.780 min Scan# 3190
Delta R.T. 0.003 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

Tgt Ion:	228	Resp:	38570
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.7	37.1
229	29.7	15.4	23.2#

Instrument :
BNA_G
ClientSampled :
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#90
Benzo(b)fluoranthene
Concen: 1.744 ng/ul
RT: 23.971 min Scan# 3563
Delta R.T. 0.015 min
Lab File: BG049675.D
Acq: 6 Aug 2021 14:05

Tgt Ion:	252	Resp:	14788
Ion Ratio	Lower	Upper	
252	100		
253	32.6	17.4	26.2#
125	28.3	3.7	5.5#

