

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049684.D
 Acq On : 6 Aug 2021 20:32
 Operator : CG/JU
 Sample : M3124-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0096

Manual Integrations
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Quant Time: Aug 06 23:36:10 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	8.042	152	37925	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	152664	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.692	164	98146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	195112	20.000	ng/ul	0.00
79) Chrysene-d12	21.723	240	172691	20.000	ng/ul	0.00
88) Perylene-d12	25.001	264	180362	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	3121m	3.848	ng/uL	0.00
4) Pyridine-d5	3.859	84	28726m	11.801	ng/ul	0.01
7) Phenol-d5	7.196	99	98540	28.629	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	56909	28.785	ng/ul	0.00
11) 2-Chlorophenol-d4	7.572	132	76011	30.855	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	63991	24.384	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	38756	32.228	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	46186	33.630	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	78710	30.395	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	61400	17.320	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	253720	32.942	ng/ul	0.00
49) Acenaphthylene-d8	14.386	160	293360	32.015	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	36662	29.441	ng/ul	0.00
60) Fluorene-d10	15.685	176	217605	32.868	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	36133	27.515	ng/ul	0.00
73) Anthracene-d10	17.541	188	306703m	33.301	ng/ul	0.00
81) Pyrene-d10	19.832	212	329108	34.588	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	305706	30.933	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.915	128	10126	1.270	ng/ul#	80
36) 2-Methylnaphthalene	12.524	142	8030	1.315	ng/ul	88
72) Phenanthrene	17.488	178	59795	5.790	ng/ul	99
80) Fluoranthene	19.497	202	145737	12.411	ng/ul	98
82) Pyrene	19.861	202	114512	9.777	ng/ul#	96
85) Benzo(a)anthracene	21.706	228	67029	5.912	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.600	149	7907	1.209	ng/ul#	99
87) Chrysene	21.770	228	70150	6.625	ng/ul	95
90) Benzo(b)fluoranthene	23.956	252	100333	8.511	ng/ul	98
91) Benzo(k)fluoranthene	24.020	252	38950m	3.328	ng/ul	
93) Benzo(a)pyrene	24.849	252	56679	5.462	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.749	276	51628m	3.791	ng/ul	
95) Dibenzo(a,h)anthracene	28.796	278	14657m	1.290	ng/ul	

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

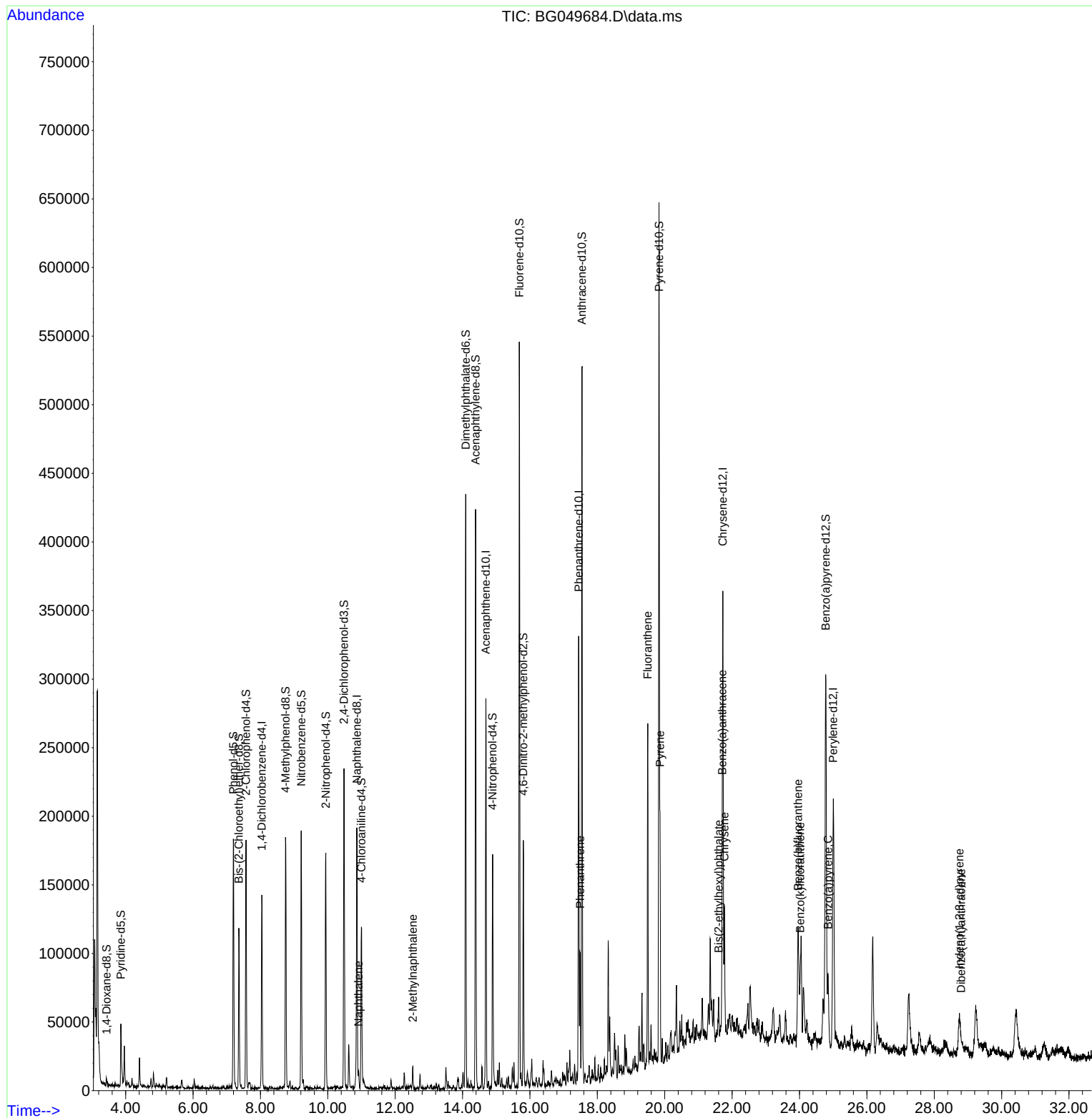
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049684.D
Acq On : 6 Aug 2021 20:32
Operator : CG/JU
Sample : M3124-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

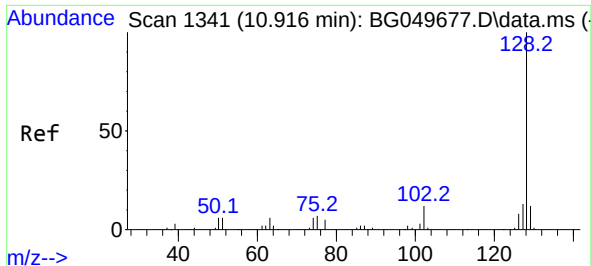
Instrument :
BNA_G
ClientSampleId :
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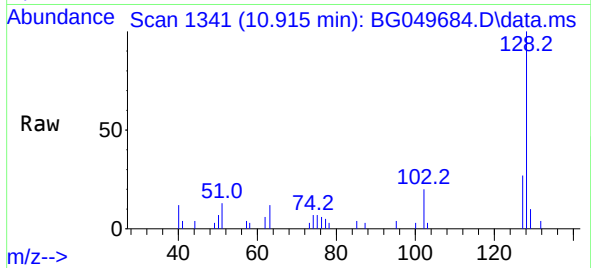
Quant Time: Aug 06 23:36:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.270 ng/ul
RT: 10.915 min Scan# 1341
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

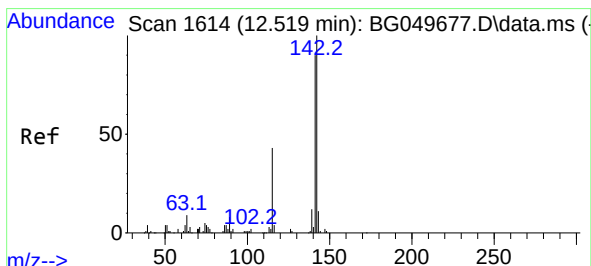
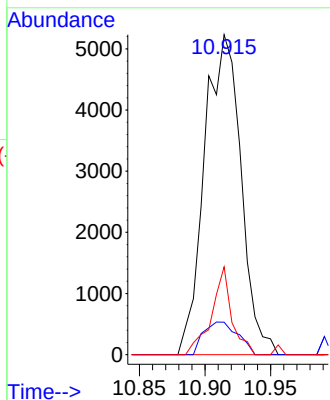
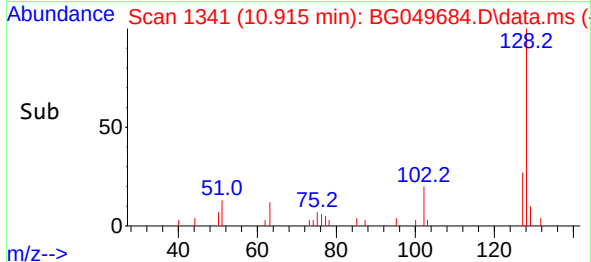
Instrument :
BNA_G
ClientSampled :
C0096



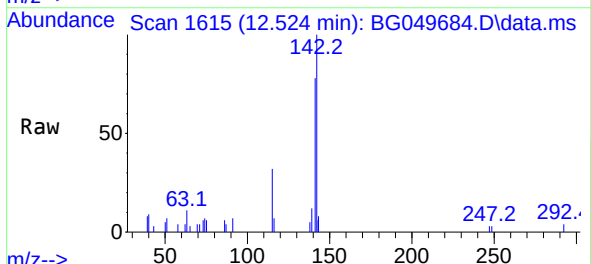
Tgt Ion:128 Resp: 10126
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 27.4 10.6 16.0#

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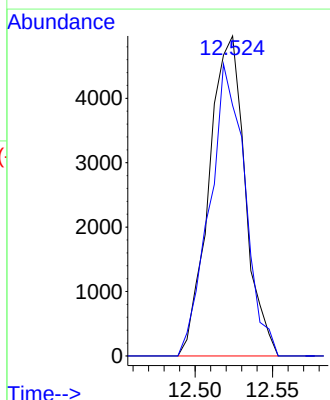
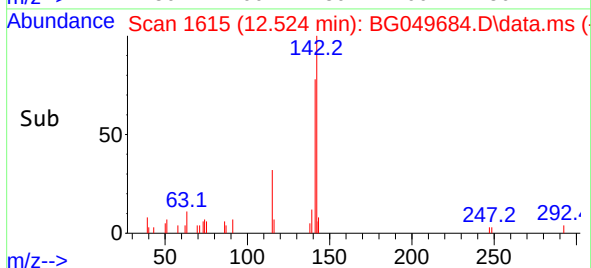
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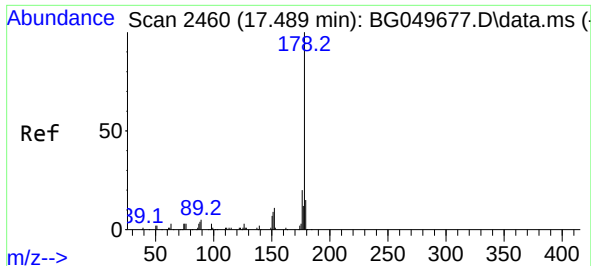


#36
2-Methylnaphthalene
Concen: 1.315 ng/ul
RT: 12.524 min Scan# 1615
Delta R.T. 0.005 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32



Tgt Ion:142 Resp: 8030
Ion Ratio Lower Upper
142 100
141 78.3 71.8 107.8





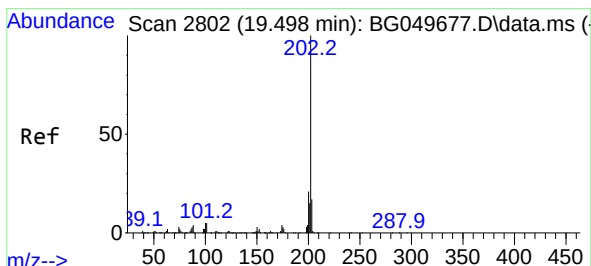
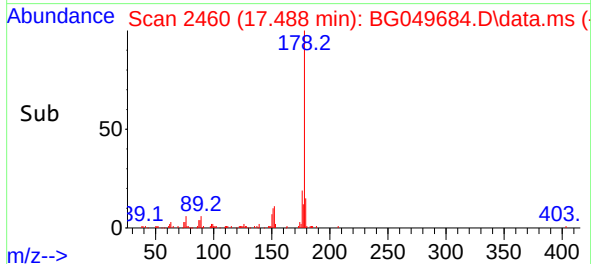
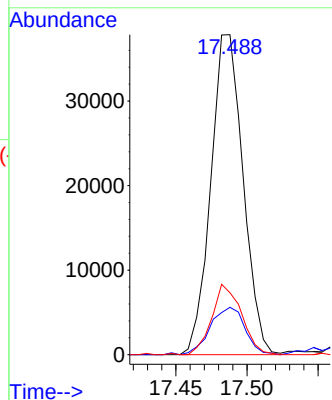
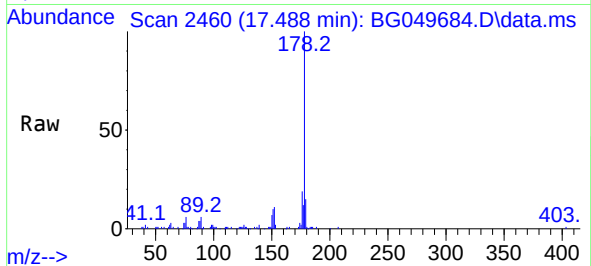
#72
Phenanthrene
Concen: 5.790 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

Tgt Ion:178 Resp: 59795
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 19.3 15.4 23.2

Instrument :
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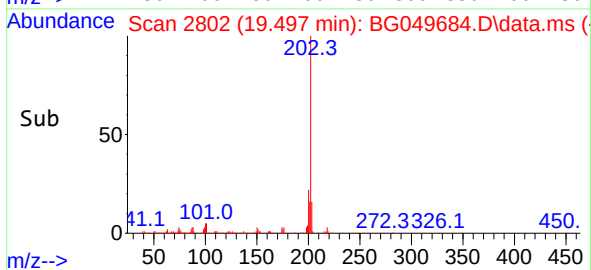
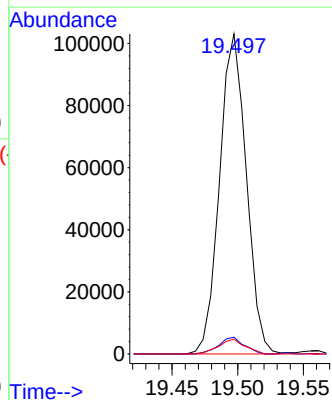
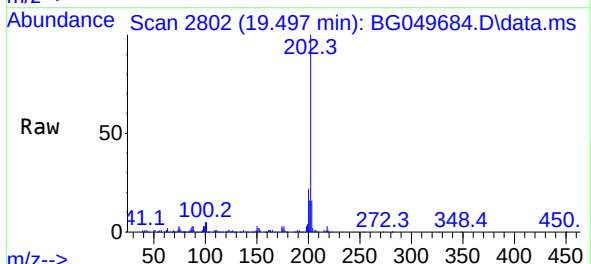
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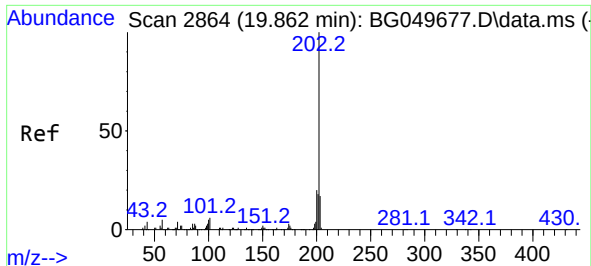
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#80
Fluoranthene
Concen: 12.411 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

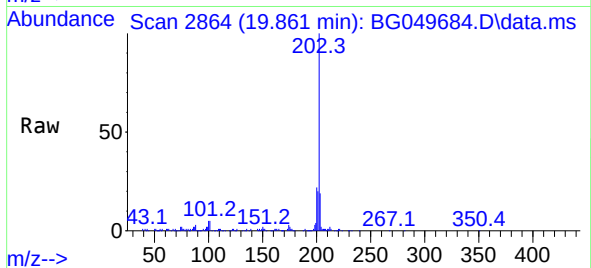
Tgt Ion:202 Resp: 145737
Ion Ratio Lower Upper
202 100
101 5.2 4.8 7.2
100 4.7 3.9 5.9





#82
Pyrene
Concen: 9.777 ng/ul
RT: 19.861 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

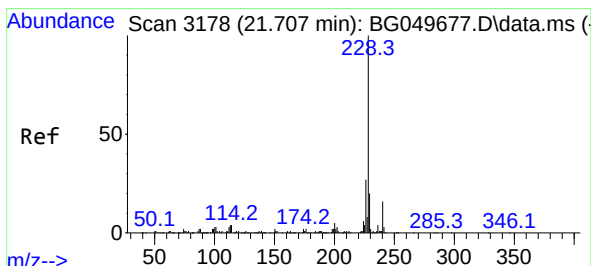
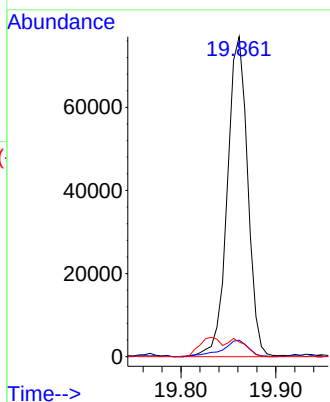
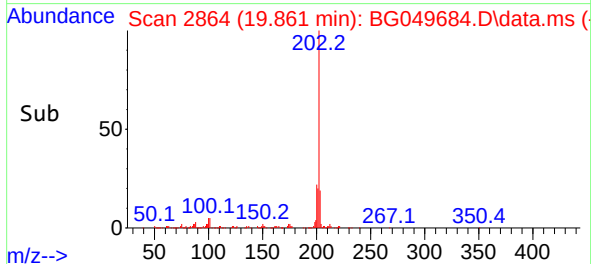
Instrument :
BNA_G
ClientSampled :
C0096



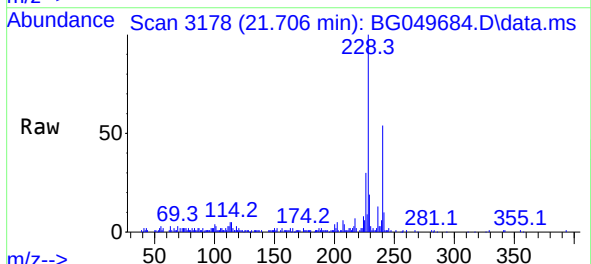
Tgt Ion:202 Resp: 114512
Ion Ratio Lower Upper
202 100
101 5.2 5.2 7.8#
100 4.6 4.8 7.2#

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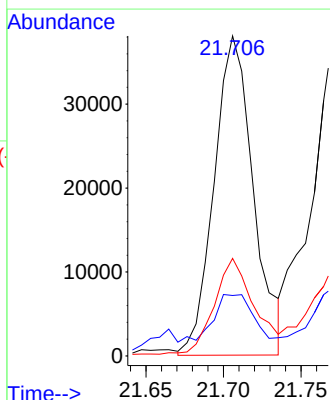
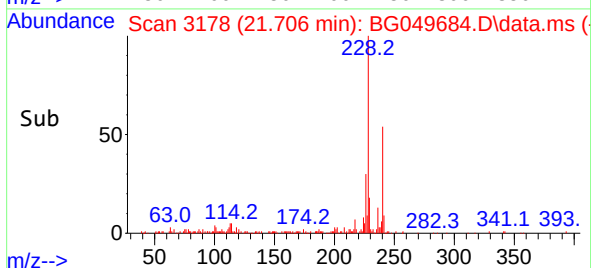
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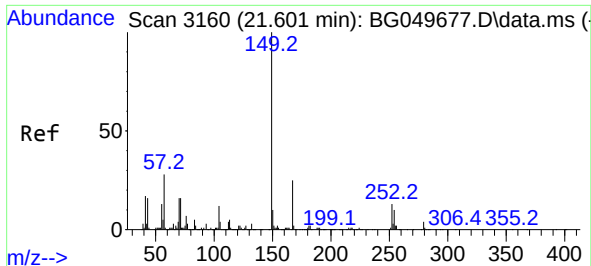


#85
Benzo(a)anthracene
Concen: 5.912 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

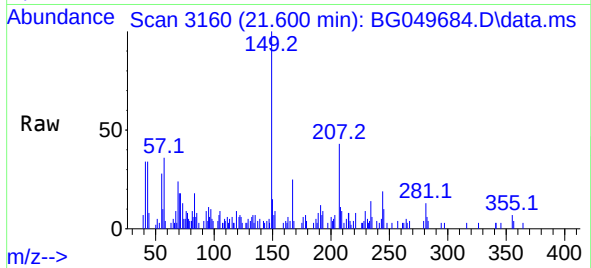


Tgt Ion:228 Resp: 67029
Ion Ratio Lower Upper
228 100
229 18.9 15.3 22.9
226 30.5 21.0 31.6

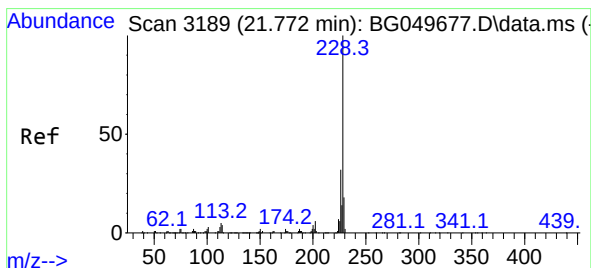
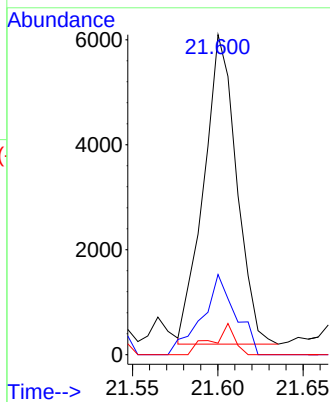
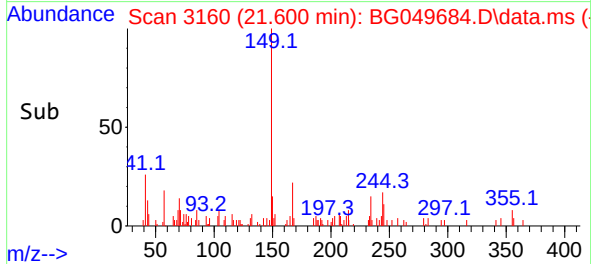




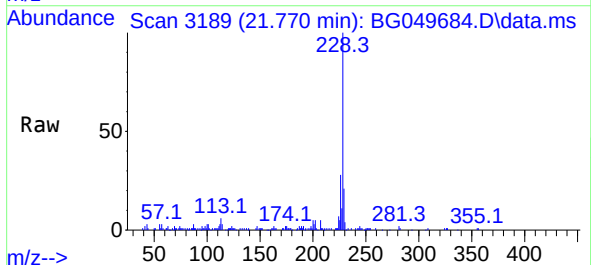
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.209 ng/ul
RT: 21.600 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32



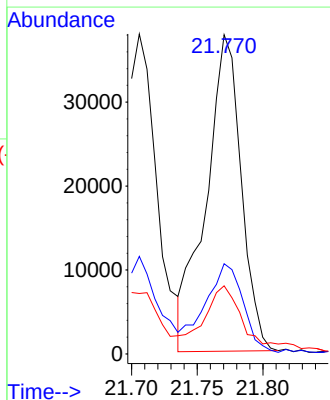
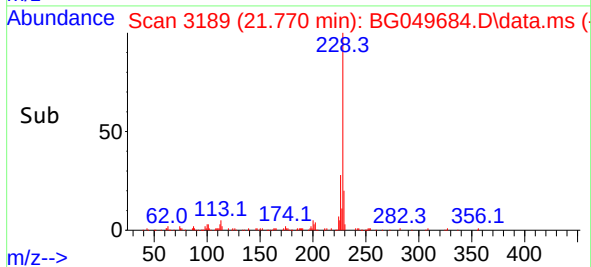
Tgt Ion:149 Resp: 7907
Ion Ratio Lower Upper
149 100
167 25.0 19.9 29.9
279 3.6 3.6 5.4#



#87
Chrysene
Concen: 6.625 ng/ul
RT: 21.770 min Scan# 3189
Delta R.T. -0.007 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32



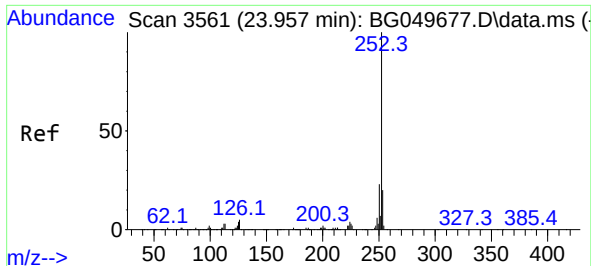
Tgt Ion:228 Resp: 70150
Ion Ratio Lower Upper
228 100
226 28.3 24.7 37.1
229 21.3 15.4 23.2



Instrument :
BNA_G
ClientSampled :
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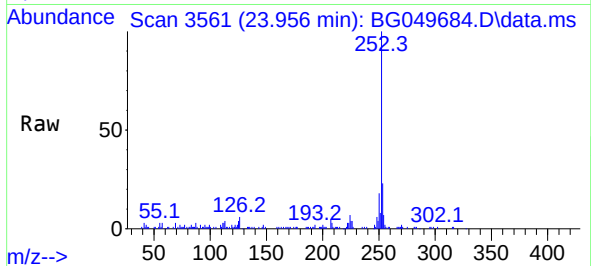
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#90
Benzo(b)fluoranthene
Concen: 8.511 ng/ul
RT: 23.956 min Scan# 3561
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

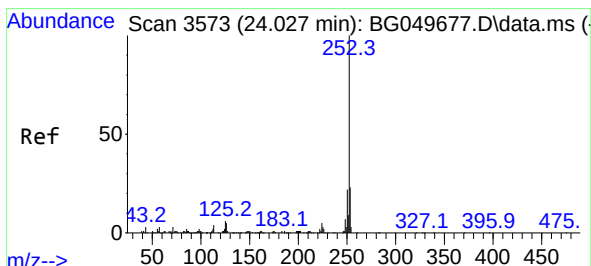
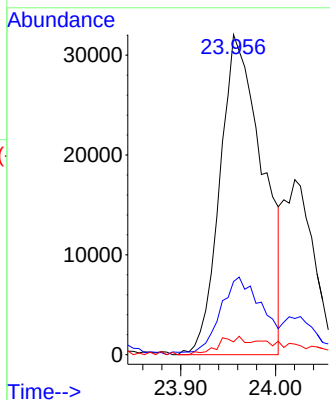
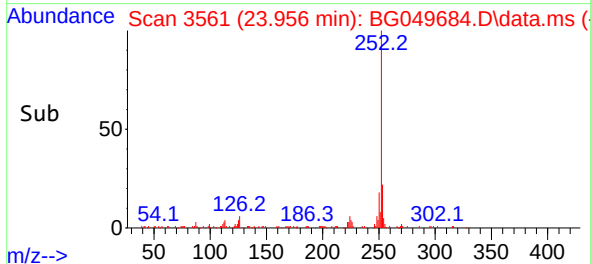
Instrument :
BNA_G
ClientSampled :
C0096



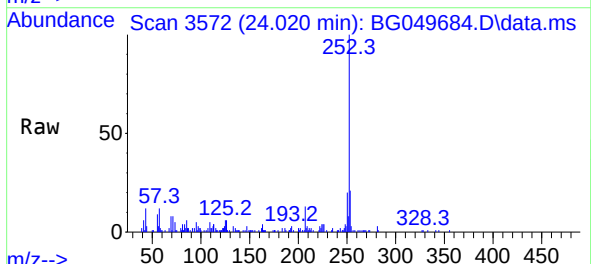
Tgt Ion:252 Resp: 100333
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 4.0 3.7 5.5

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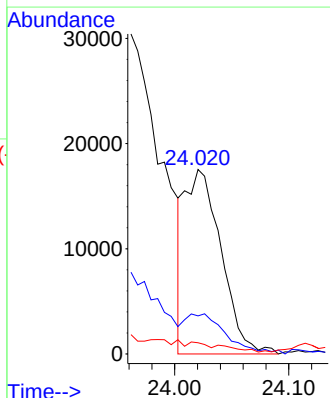
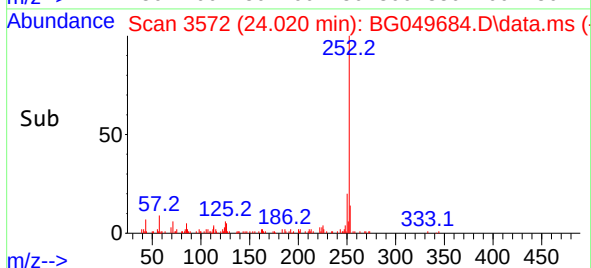
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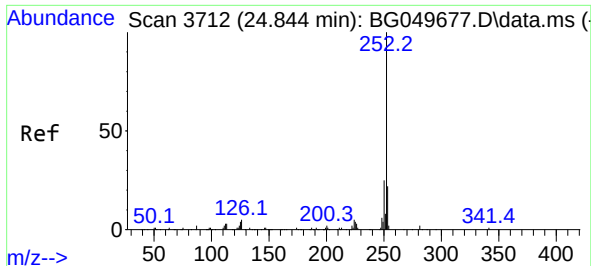


#91
Benzo(k)fluoranthene
Concen: 3.328 ng/ul m
RT: 24.020 min Scan# 3572
Delta R.T. -0.007 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32



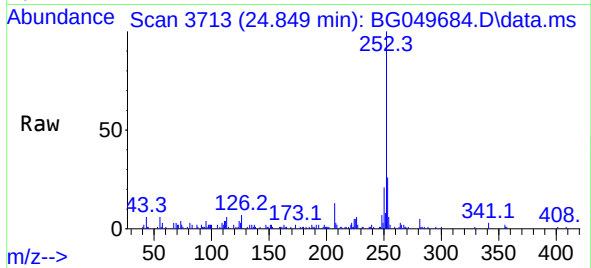
Tgt Ion:252 Resp: 38950
Ion Ratio Lower Upper
252 100
253 20.6 17.8 26.8
125 6.1 3.8 5.8#





#93
Benzo(a)pyrene
Concen: 5.462 ng/ul
RT: 24.849 min Scan# 3713
Delta R.T. -0.001 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

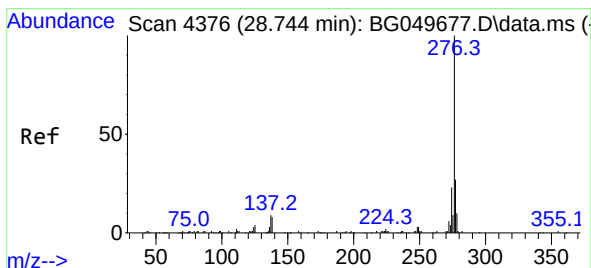
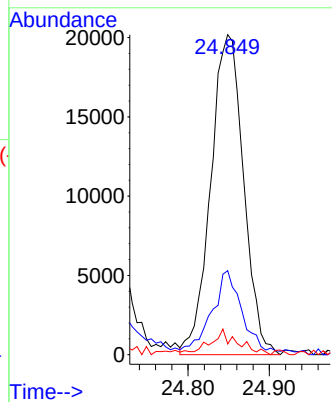
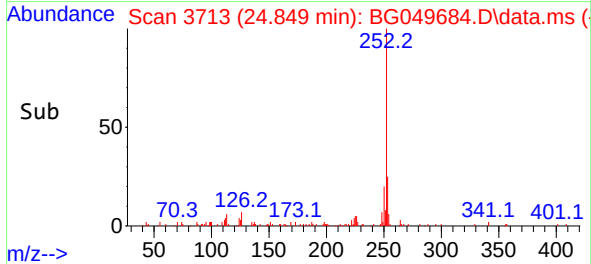
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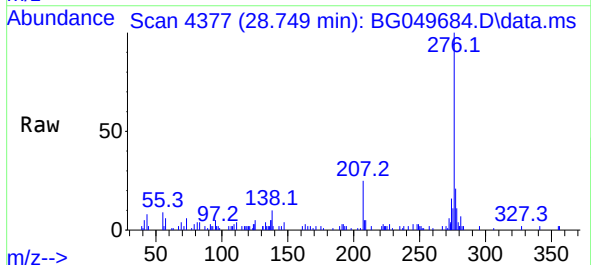
Tgt Ion:252 Resp: 56679
Ion Ratio Lower Upper
252 100
253 26.2 17.7 26.5
125 3.4 4.6 7.0#

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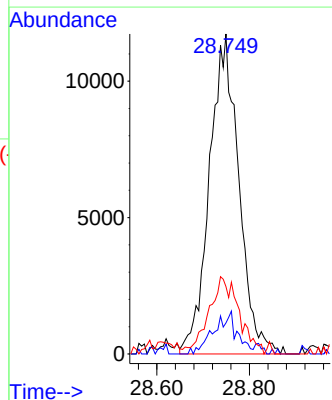
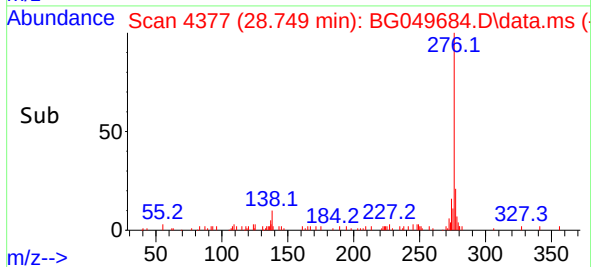
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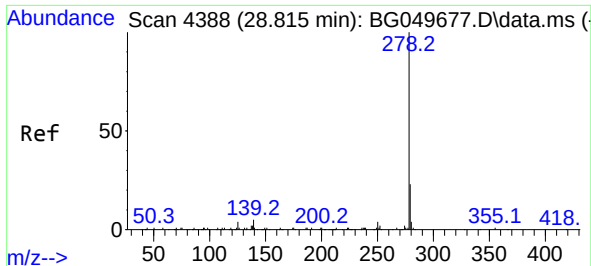


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.791 ng/ul m
RT: 28.749 min Scan# 4377
Delta R.T. 0.005 min
Lab File: BG049684.D
Acq: 6 Aug 2021 20:32

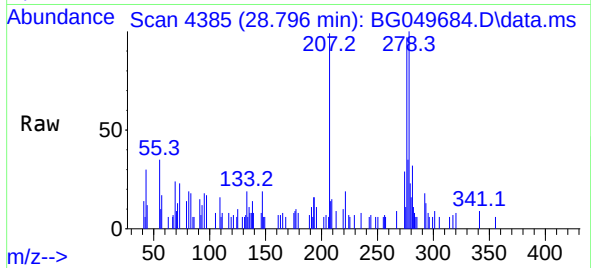


Tgt Ion:276 Resp: 51628
Ion Ratio Lower Upper
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138 9.7 6.6 10.0
277 21.1 19.4 29.2

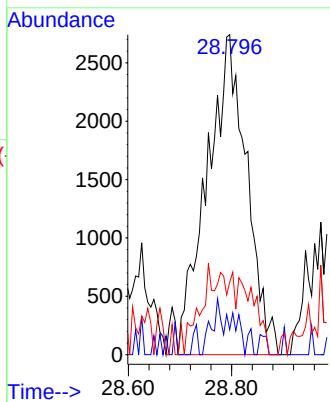
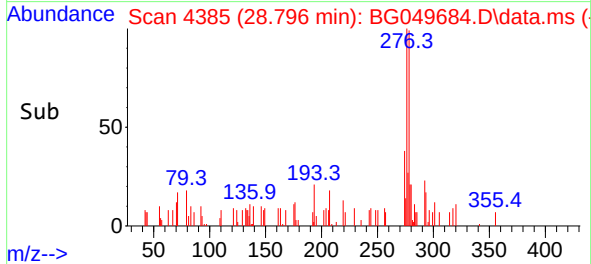




#95
 Dibenzo(a,h)anthracene
 Concen: 1.290 ng/ul m
 RT: 28.796 min Scan# 4385
 Delta R.T. -0.025 min
 Lab File: BG049684.D
 Acq: 6 Aug 2021 20:32



Tgt Ion:	278	Resp:	14657
Ion Ratio	Lower	Upper	
278	100		
139	7.8	6.3	9.5
279	22.7	18.9	28.3



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