

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049673.D
 Acq On : 6 Aug 2021 11:22
 Operator : CG/JU
 Sample : M3124-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0088

Manual Integrations
 APPROVED

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Quant Time: Aug 06 13:35:48 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	8.045	152	24148	20.000	ng/ul	0.00
20) Naphthalene-d8	10.865	136	100103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.695	164	66113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.444	188	124511m	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	114232	20.000	ng/ul	0.00
88) Perylene-d12	25.011	264	122113	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	1036	2.006	ng/uL	0.00
4) Pyridine-d5	3.886	84	5097m	3.289	ng/ul	0.04
7) Phenol-d5	7.194	99	28909	13.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.364	67	17992	14.292	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	21886	13.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.744	113	22690	13.579	ng/ul	0.00
21) Nitrobenzene-d5	9.214	128	11232	14.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.943	143	13189	14.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	22002	12.957	ng/ul	0.00
31) 4-Chloroaniline-d4	11.012	131	3278	1.410	ng/ul	0.01
46) Dimethylphthalate-d6	14.090	166	75974	14.643	ng/ul	0.00
49) Acenaphthylene-d8	14.390	160	86836	14.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.889	143	10070	12.005	ng/ul	0.00
60) Fluorene-d10	15.688	176	63742	14.293	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	11825	14.111	ng/ul	0.00
73) Anthracene-d10	17.544	188	88214	15.009	ng/ul	0.00
81) Pyrene-d10	19.829	212	80609	12.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.782	264	54220	8.103	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.918	128	6675	1.277	ng/ul#	89
36) 2-Methylnaphthalene	12.516	142	14973	3.741	ng/ul#	81
37) 1-Methylnaphthalene	12.739	142	9739	2.500	ng/ul	89
43) 1,1'-Biphenyl	13.526	154	6097	1.238	ng/ul#	96
72) Phenanthrene	17.491	178	44698	6.783	ng/ul	98
80) Fluoranthene	19.495	202	10537	1.357	ng/ul#	84
82) Pyrene	19.859	202	8900	1.149	ng/ul#	92
87) Chrysene	21.774	228	27944	3.989	ng/ul#	93
90) Benzo(b)fluoranthene	23.965	252	9026	1.131	ng/ul#	77

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

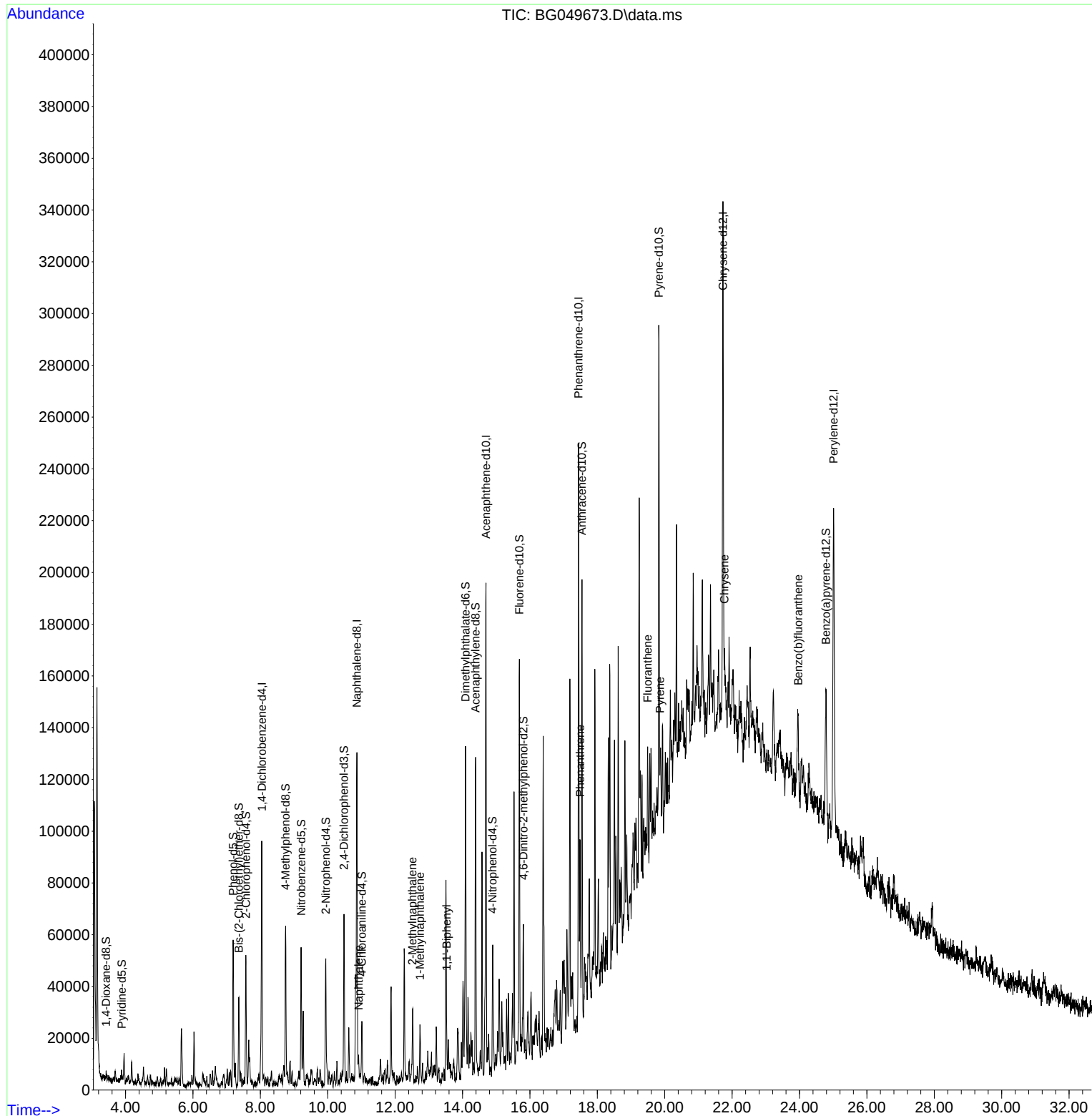
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049673.D
Acq On : 6 Aug 2021 11:22
Operator : CG/JU
Sample : M3124-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

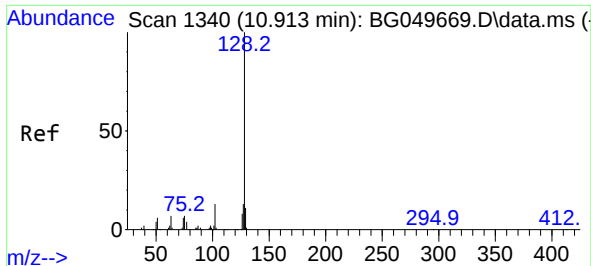
Instrument :
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ClientSampleId :
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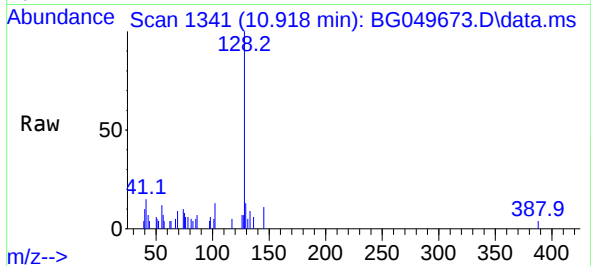
Quant Time: Aug 06 13:35:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.277 ng/ul
RT: 10.918 min Scan# 1341
Delta R.T. 0.002 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22

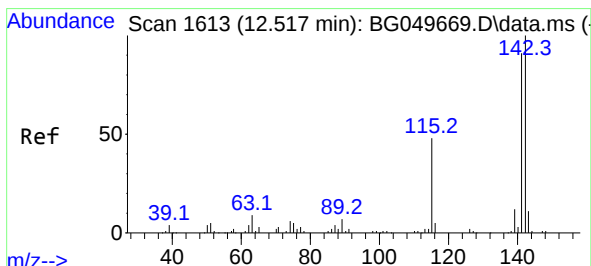
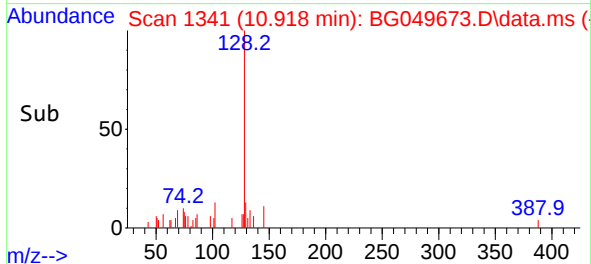
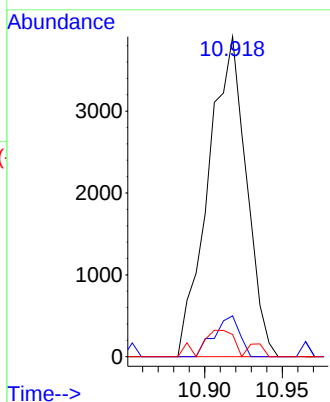
Instrument :
BNA_G
ClientSampleId :
C0088



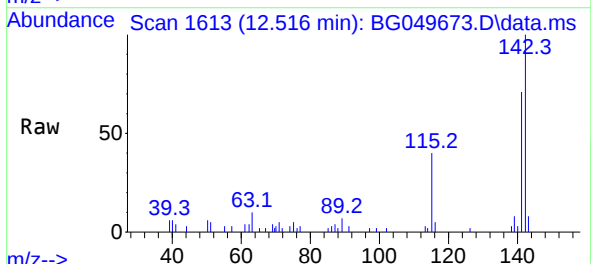
Tgt Ion:128 Resp: 6675
Ion Ratio Lower Upper
128 100
129 12.7 8.7 13.1
127 7.0 10.6 16.0#

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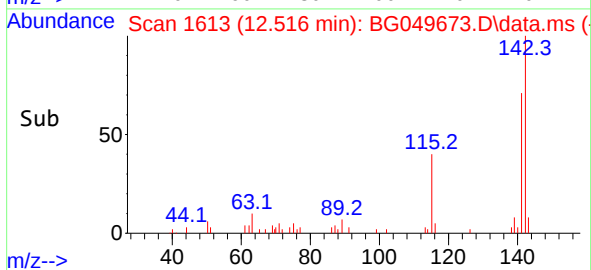
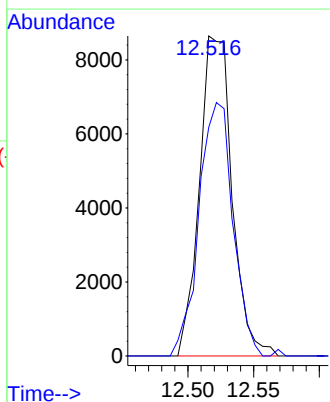
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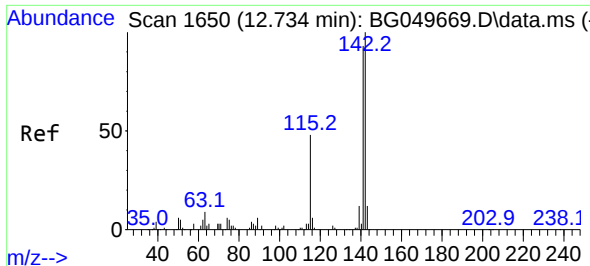


#36
2-Methylnaphthalene
Concen: 3.741 ng/ul
RT: 12.516 min Scan# 1613
Delta R.T. -0.003 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22



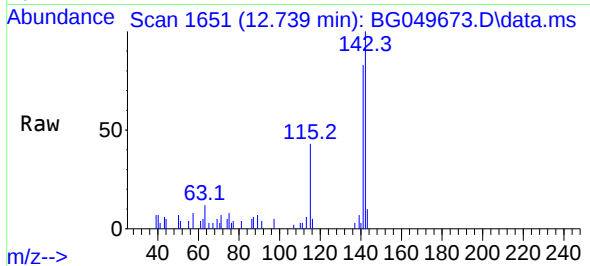
Tgt Ion:142 Resp: 14973
Ion Ratio Lower Upper
142 100
141 71.5 71.8 107.8#





#37
1-Methylnaphthalene
Concen: 2.500 ng/ul
RT: 12.739 min Scan# 1651
Delta R.T. -0.004 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22

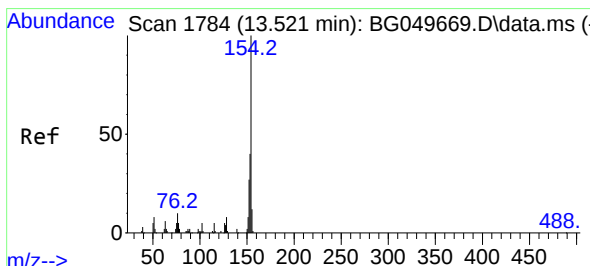
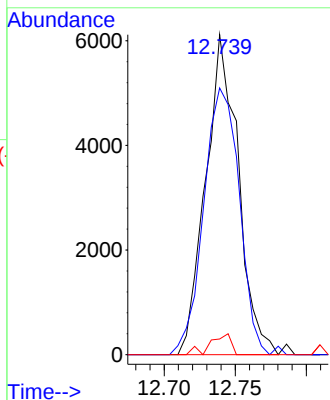
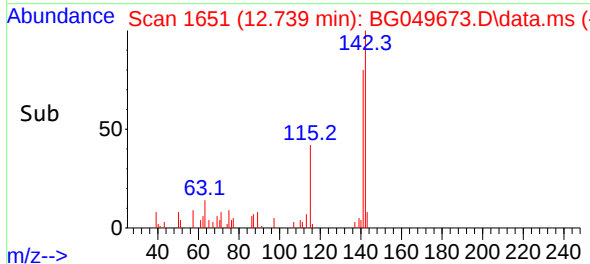
Instrument :
BNA_G
ClientSampled :
C0088



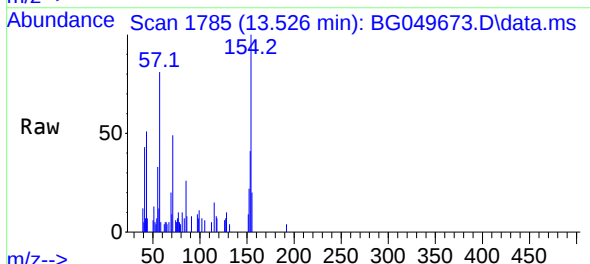
Tgt Ion:142 Resp: 9739
Ion Ratio Lower Upper
142 100
141 83.4 75.4 113.0
116 4.9 4.2 6.2

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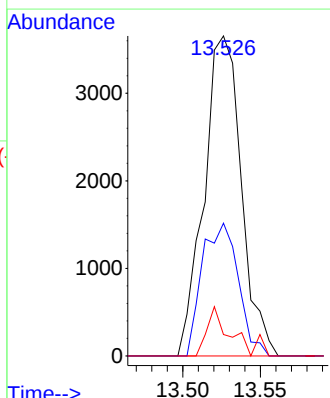
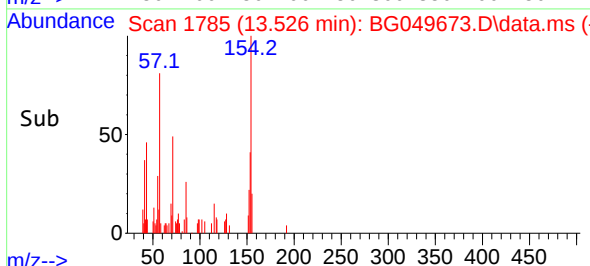
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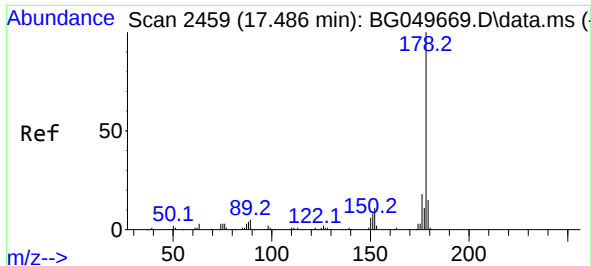


#43
1,1'-Biphenyl
Concen: 1.238 ng/ul
RT: 13.526 min Scan# 1785
Delta R.T. 0.002 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22



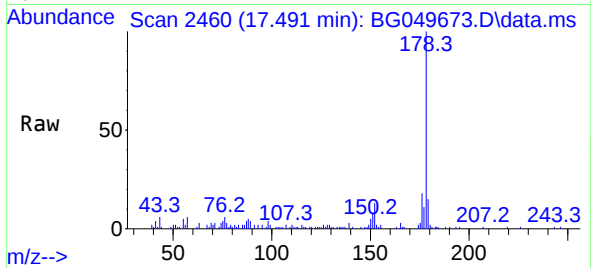
Tgt Ion:154 Resp: 6097
Ion Ratio Lower Upper
154 100
153 41.5 34.1 51.1
76 6.7 8.6 12.8#





#72
Phenanthrene
Concen: 6.783 ng/u1
RT: 17.491 min Scan# 2460
Delta R.T. 0.002 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22

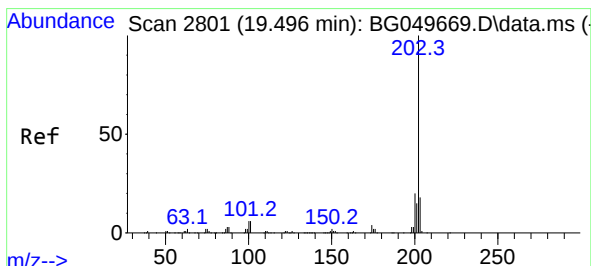
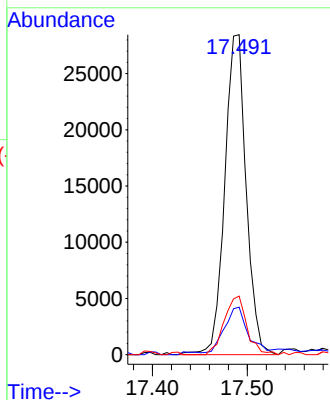
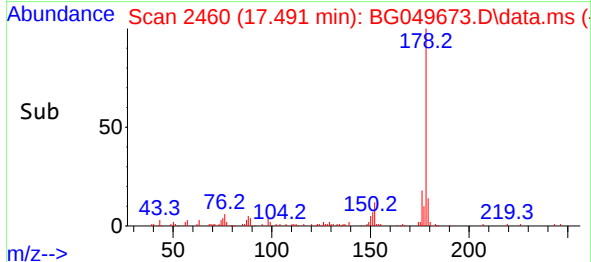
Instrument :
BNA_G
ClientSampleId :
C0088



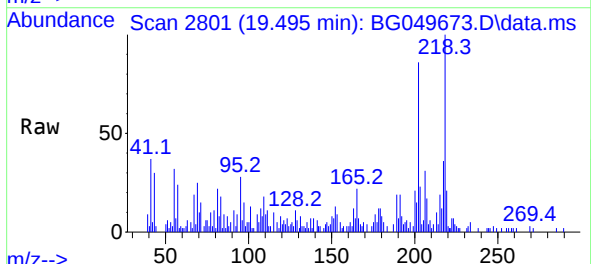
Tgt Ion:178 Resp: 44698
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 18.3 15.4 23.2

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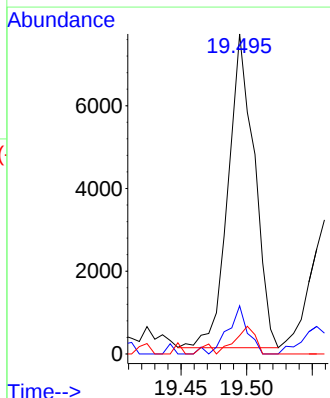
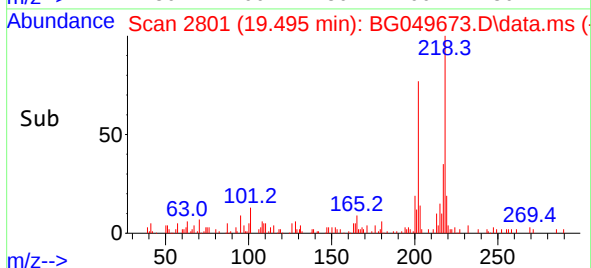
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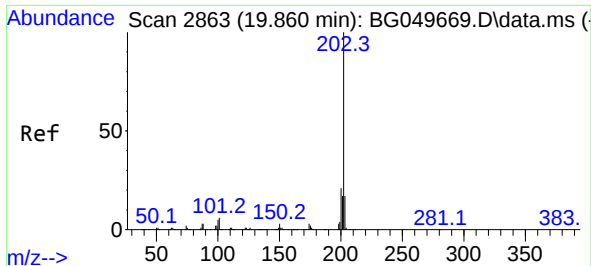


#80
Fluoranthene
Concen: 1.357 ng/u1
RT: 19.495 min Scan# 2801
Delta R.T. -0.004 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22



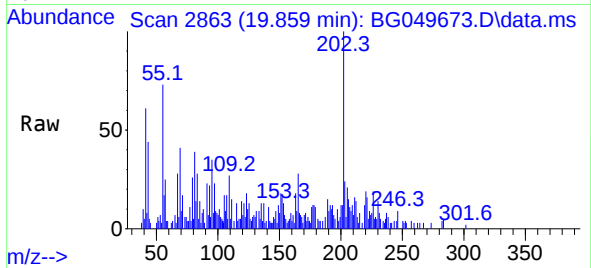
Tgt Ion:202 Resp: 10537
Ion Ratio Lower Upper
202 100
101 15.0 4.8 7.2#
100 5.7 3.9 5.9





#82
Pyrene
Concen: 1.149 ng/ul
RT: 19.859 min Scan# 2863
Delta R.T. -0.004 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22

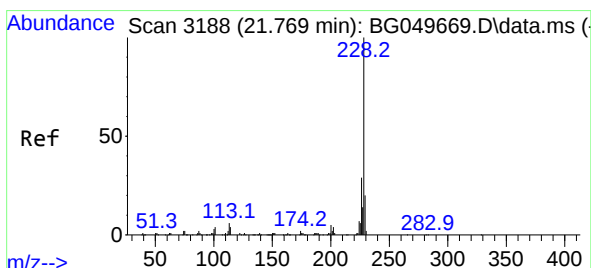
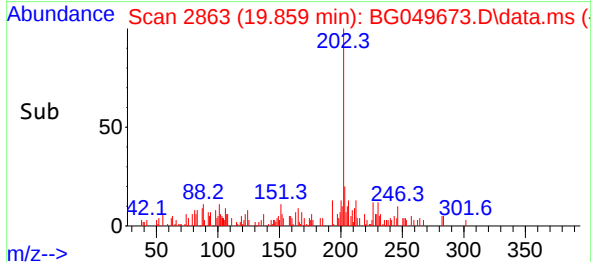
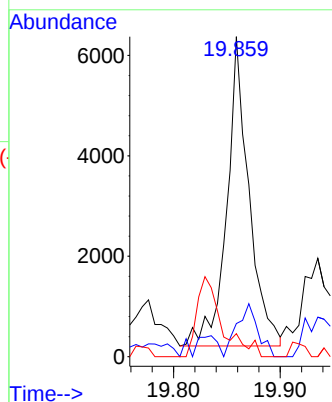
Instrument :
BNA_G
ClientSampled :
C0088



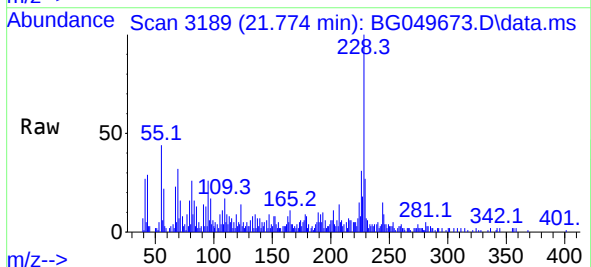
Tgt Ion:202 Resp: 8900
Ion Ratio Lower Upper
202 100
101 10.4 5.2 7.8#
100 7.2 4.8 7.2#

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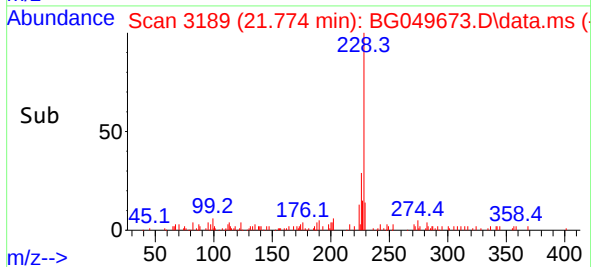
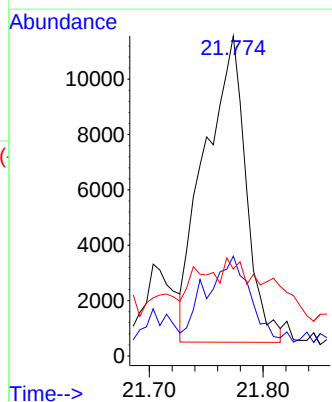
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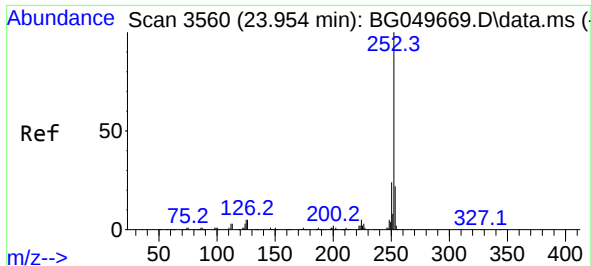


#87
Chrysene
Concen: 3.989 ng/ul
RT: 21.774 min Scan# 3189
Delta R.T. -0.003 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22

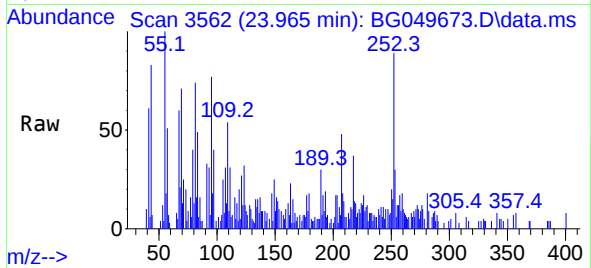


Tgt Ion:228 Resp: 27944
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 27.2 15.4 23.2#

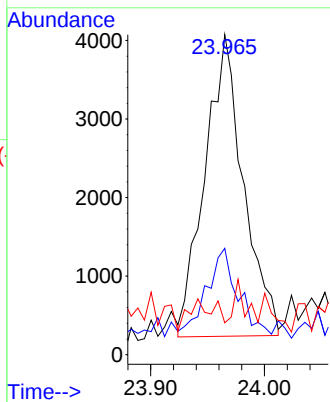
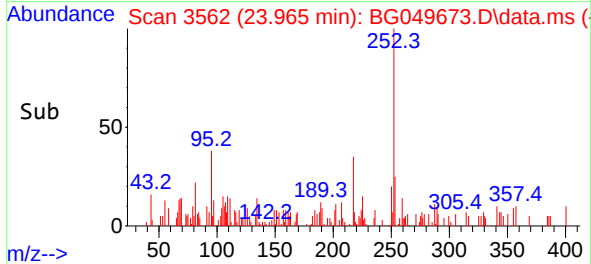




#90
Benzo(b)fluoranthene
Concen: 1.131 ng/ul
RT: 23.965 min Scan# 3562
Delta R.T. 0.008 min
Lab File: BG049673.D
Acq: 6 Aug 2021 11:22



Tgt Ion:	252	Resp:	9026
Ion Ratio	Lower	Upper	
252	100		
253	33.3	17.4	26.2#
125	9.9	3.7	5.5#



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