

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049687.D
 Acq On : 6 Aug 2021 22:35
 Operator : CG/JU
 Sample : M3124-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0084

Manual Integrations
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Quant Time: Aug 06 23:36:46 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	27258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.866	136	113043	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.690	164	73780	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	151198	20.000	ng/ul	0.00
79) Chrysene-d12	21.727	240	130872	20.000	ng/ul	0.00
88) Perylene-d12	25.005	264	138705	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.429	96	1462	2.508	ng/uL	0.00
4) Pyridine-d5	3.875	84	6383m	3.648	ng/ul	0.03
7) Phenol-d5	7.194	99	54566	22.057	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.358	67	32998	23.222	ng/ul	0.00
11) 2-Chlorophenol-d4	7.570	132	42141	23.801	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	30507	16.174	ng/ul	0.00
21) Nitrobenzene-d5	9.215	128	22911	25.729	ng/ul	0.00
24) 2-Nitrophenol-d4	9.937	143	27311	26.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.484	165	43362	22.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.001	131	42556	16.212	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	152938	26.415	ng/ul	0.00
49) Acenaphthylene-d8	14.384	160	174881	25.388	ng/ul	0.00
54) 4-Nitrophenol-d4	14.895	143	18652m	19.925	ng/ul	0.00
60) Fluorene-d10	15.683	176	128862	25.892	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.806	200	17823	17.514	ng/ul	0.00
73) Anthracene-d10	17.545	188	180432	25.281	ng/ul	0.00
81) Pyrene-d10	19.830	212	178297	24.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.776	264	142291	18.722	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.486	178	23028	2.878	ng/ul#	93
80) Fluoranthene	19.495	202	70784	7.954	ng/ul#	97
82) Pyrene	19.859	202	42038	4.736	ng/ul#	97
85) Benzo(a)anthracene	21.704	228	30323	3.529	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.598	149	5111	1.032	ng/ul#	97
87) Chrysene	21.774	228	33638	4.192	ng/ul	99
90) Benzo(b)fluoranthene	23.965	252	49890	5.503	ng/ul#	98
91) Benzo(k)fluoranthene	24.018	252	19309m	2.145	ng/ul	
93) Benzo(a)pyrene	24.847	252	14688m	1.840	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.753	276	15756m	1.504	ng/ul	

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

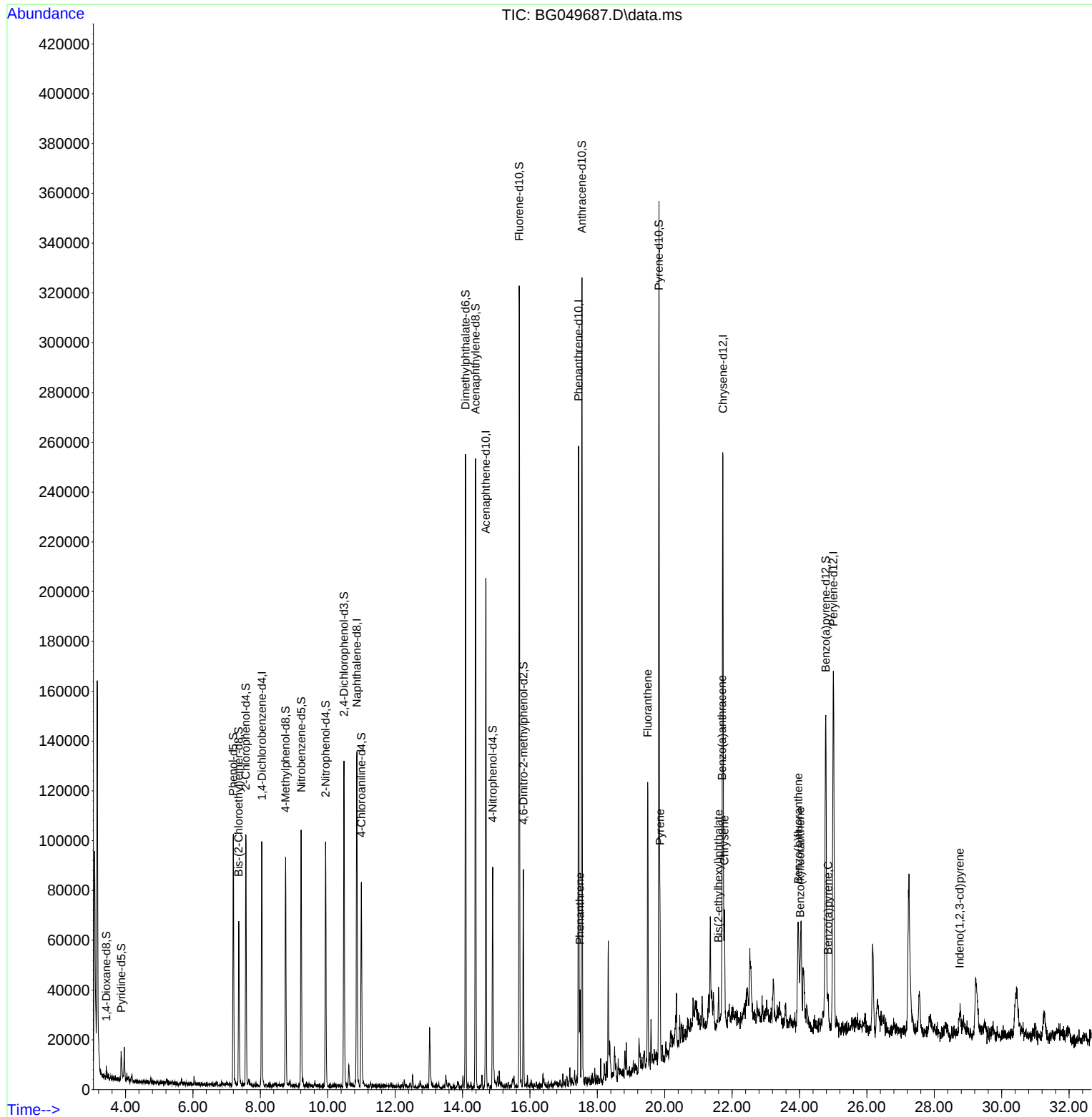
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Data File : BG049687.D
Acq On : 6 Aug 2021 22:35
Operator : CG/JU
Sample : M3124-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

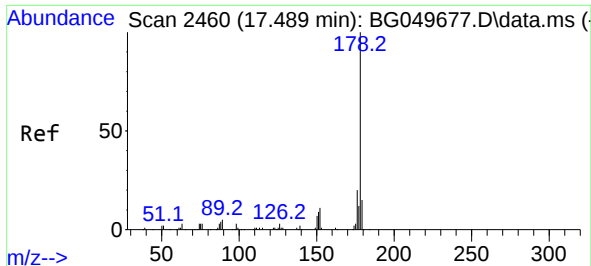
Instrument :
BNA_G
ClientSampleId :
C0084

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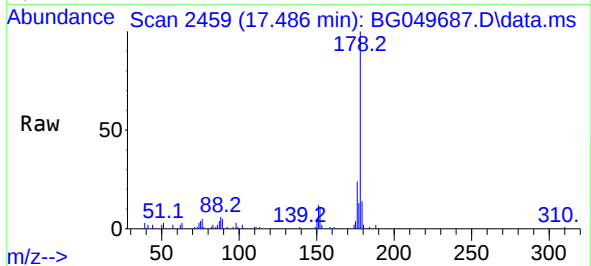
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.878 ng/ul
RT: 17.486 min Scan# 2459
Delta R.T. -0.003 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35

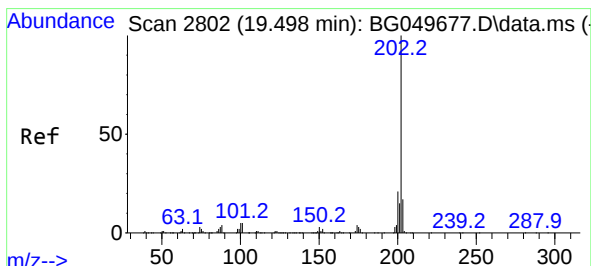
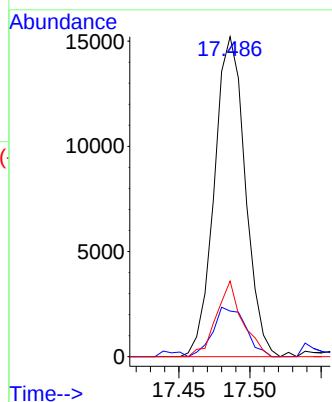
Instrument :
BNA_G
ClientSampled :
C0084



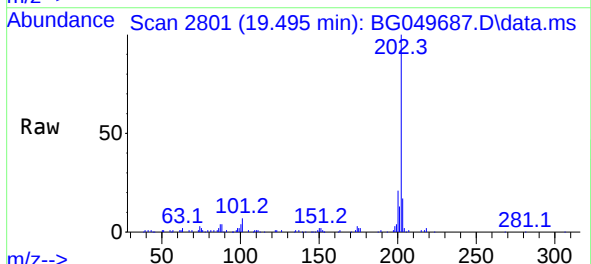
Tgt Ion:178 Resp: 23028
Ion Ratio Lower Upper
178 100
179 14.2 12.4 18.6
176 23.7 15.4 23.2#

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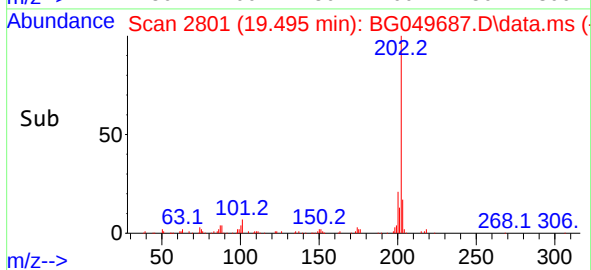
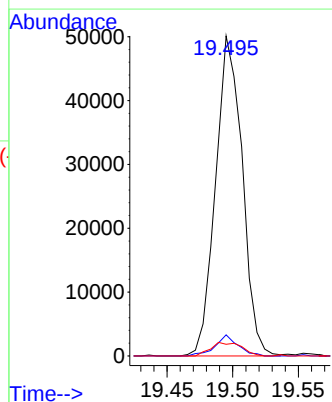
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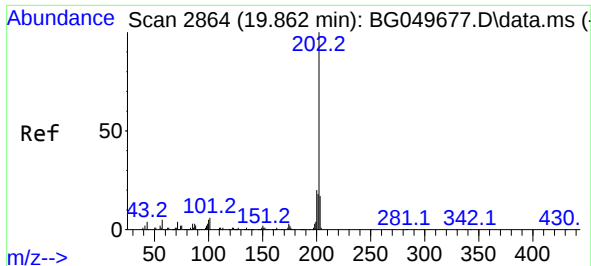


#80
Fluoranthene
Concen: 7.954 ng/ul
RT: 19.495 min Scan# 2801
Delta R.T. -0.003 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35



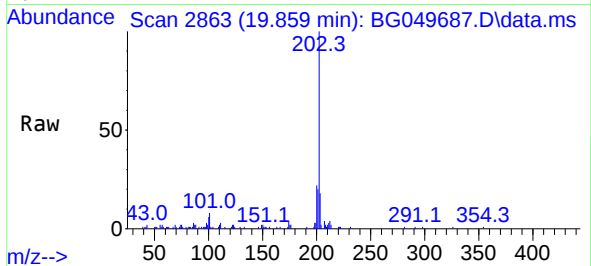
Tgt Ion:202 Resp: 70784
Ion Ratio Lower Upper
202 100
101 6.6 4.8 7.2
100 3.6 3.9 5.9#





#82
 Pyrene
 Concen: 4.736 ng/ul
 RT: 19.859 min Scan# 2863
 Delta R.T. -0.003 min
 Lab File: BG049687.D
 Acq: 6 Aug 2021 22:35

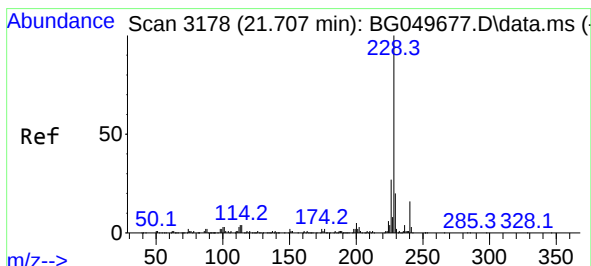
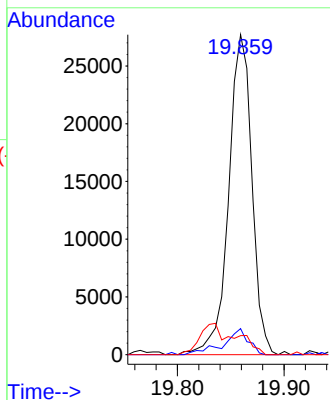
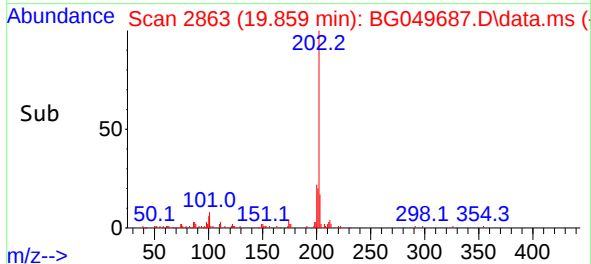
Instrument :
 BNA_G
 ClientSampled :
 C0084



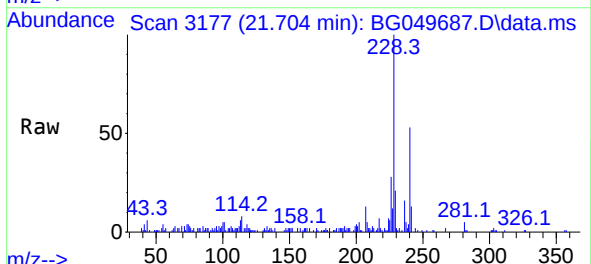
Tgt Ion:202 Resp: 42038
 Ion Ratio Lower Upper
 202 100
 101 8.2 5.2 7.8#
 100 6.0 4.8 7.2

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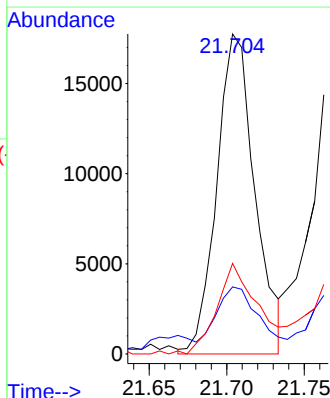
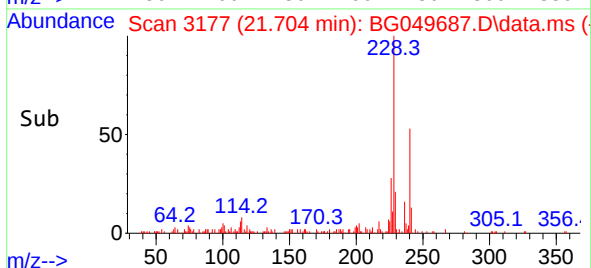
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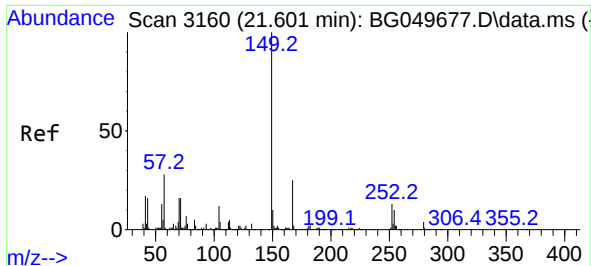


#85
 Benzo(a)anthracene
 Concen: 3.529 ng/ul
 RT: 21.704 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: BG049687.D
 Acq: 6 Aug 2021 22:35



Tgt Ion:228 Resp: 30323
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.3 22.9
 226 28.3 21.0 31.6





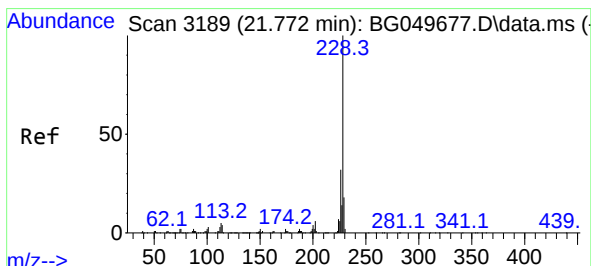
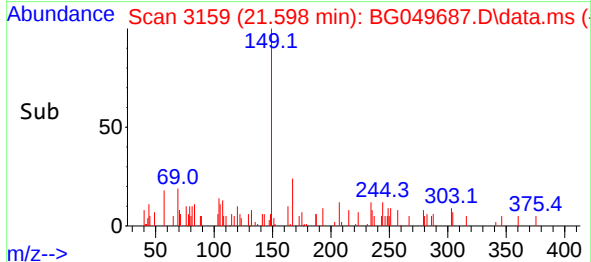
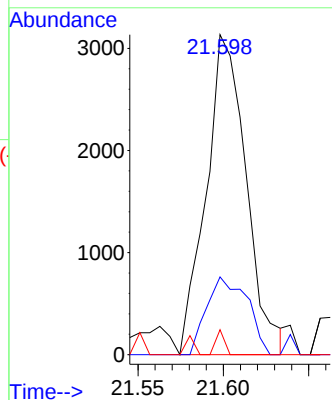
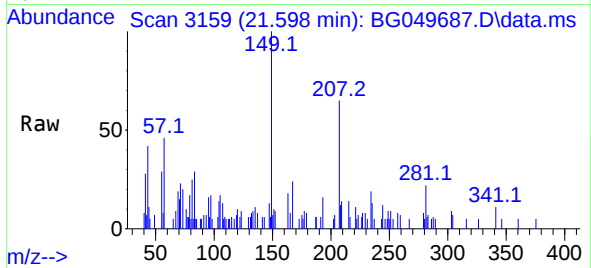
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.032 ng/ul
RT: 21.598 min Scan# 3159
Delta R.T. -0.003 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35

Tgt Ion:149 Resp: 5111
Ion Ratio Lower Upper
149 100
167 24.3 19.9 29.9
279 7.8 3.6 5.4#

Instrument :
BNA_G
ClientSampled :
C0084

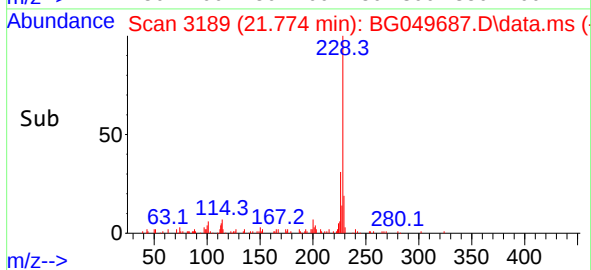
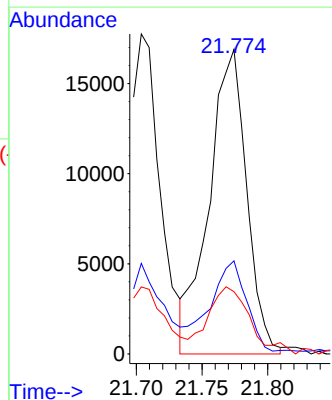
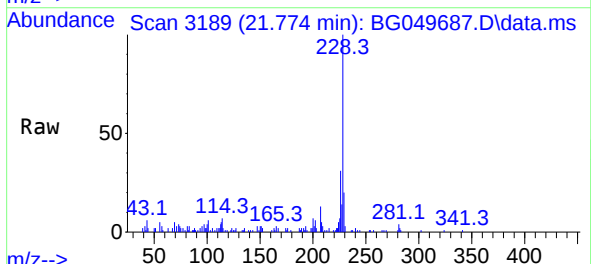
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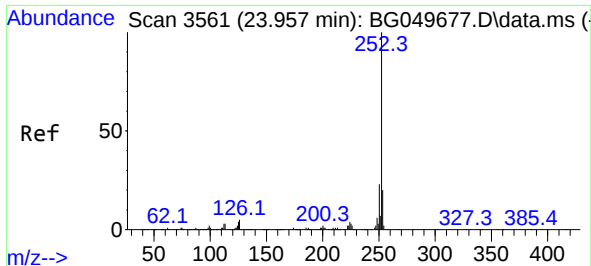
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#87
Chrysene
Concen: 4.192 ng/ul
RT: 21.774 min Scan# 3189
Delta R.T. -0.003 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35

Tgt Ion:228 Resp: 33638
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.4 15.4 23.2





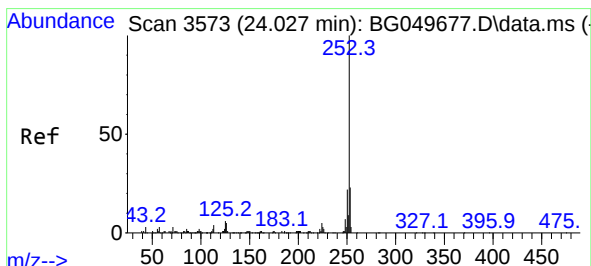
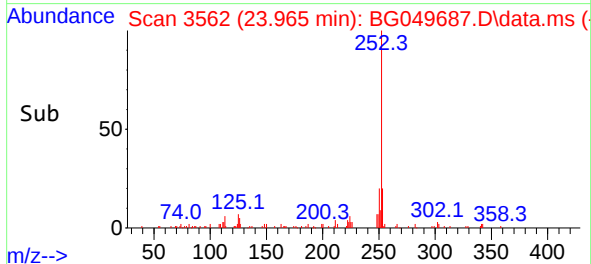
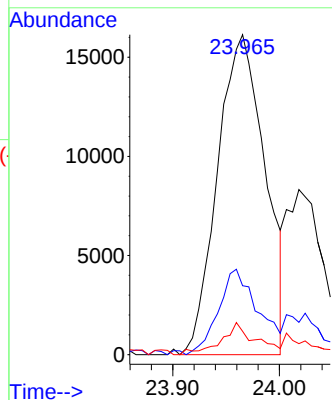
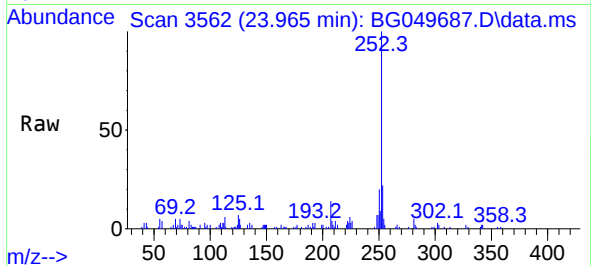
#90
Benzo(b)fluoranthene
Concen: 5.503 ng/ul
RT: 23.965 min Scan# 3562
Delta R.T. 0.009 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35

Tgt Ion:252 Resp: 49890
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.3 3.7 5.5#

Instrument :
BNA_G
ClientSampled :
C0084

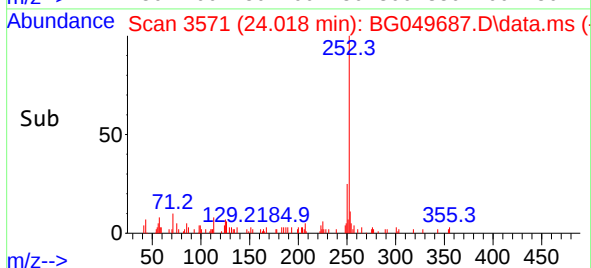
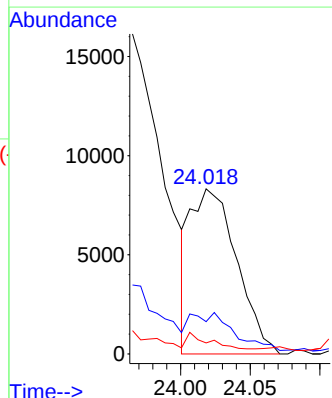
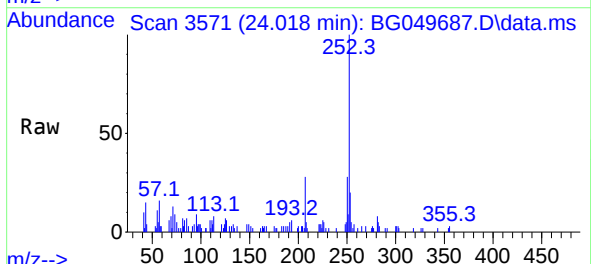
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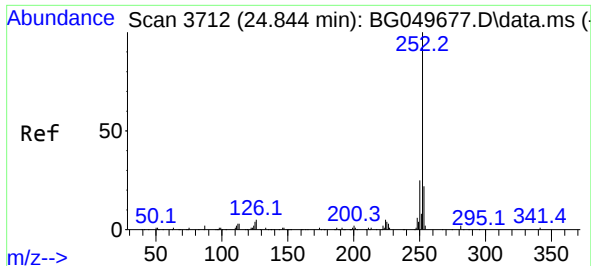
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#91
Benzo(k)fluoranthene
Concen: 2.145 ng/ul m
RT: 24.018 min Scan# 3571
Delta R.T. -0.009 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35

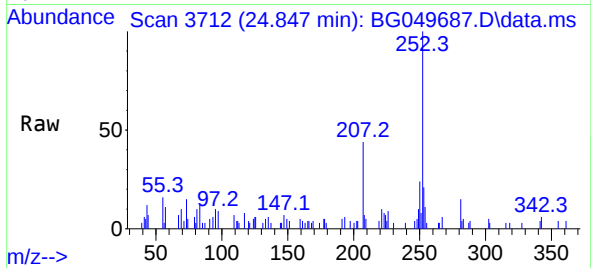
Tgt Ion:252 Resp: 19309
Ion Ratio Lower Upper
252 100
253 19.5 17.8 26.8
125 6.7 3.8 5.8#





#93
Benzo(a)pyrene
Concen: 1.840 ng/ul m
RT: 24.847 min Scan# 3712
Delta R.T. -0.003 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35

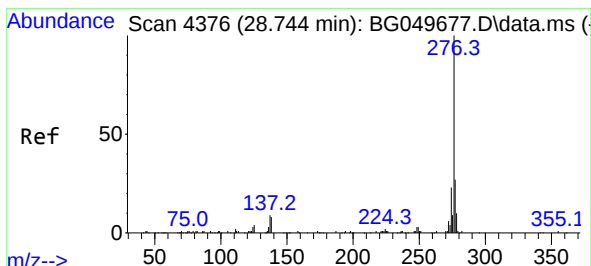
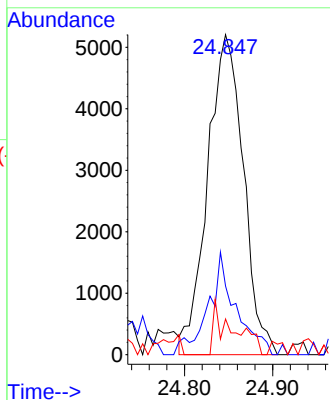
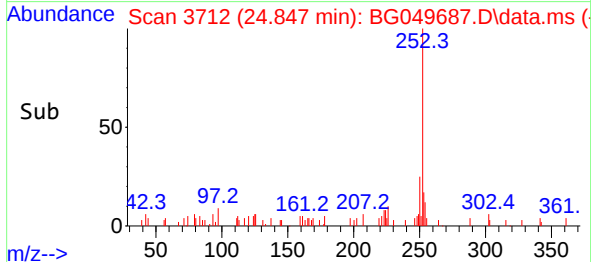
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BNA_G
ClientSampled :
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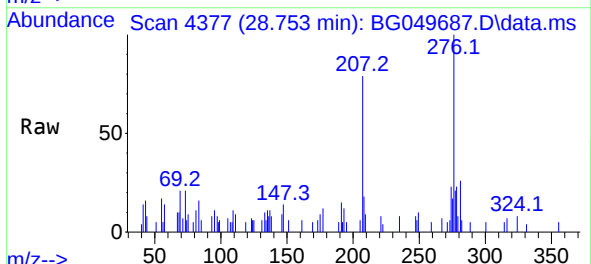
Tgt Ion:252 Resp: 14688
Ion Ratio Lower Upper
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253 21.4 17.7 26.5
125 5.6 4.6 7.0

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.504 ng/ul m
RT: 28.753 min Scan# 4377
Delta R.T. 0.009 min
Lab File: BG049687.D
Acq: 6 Aug 2021 22:35



Tgt Ion:276 Resp: 15756
Ion Ratio Lower Upper
276 100
138 8.1 6.6 10.0
277 21.3 19.4 29.2

