

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049689.D
 Acq On : 6 Aug 2021 23:58
 Operator : CG/JU
 Sample : M3124-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0085

Manual Integrations
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Quant Time: Aug 07 01:49:38 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	8.043	152	28915	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	115015	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	77880	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.442	188	158007	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	139533	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	144622	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	2004m	3.240	ng/uL	0.00
4) Pyridine-d5	3.867	84	15217m	8.199	ng/ul	0.02
7) Phenol-d5	7.203	99	55830	21.275	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	33261	22.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	41496	22.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.748	113	34883	17.434	ng/ul	0.00
21) Nitrobenzene-d5	9.207	128	22796	25.161	ng/ul	0.00
24) 2-Nitrophenol-d4	9.935	143	26975	26.071	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	44496	22.807	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	45135	16.899	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	152836	25.007	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	174320	23.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	20402	20.647	ng/ul	0.00
60) Fluorene-d10	15.686	176	131610	25.052	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	18156	17.073	ng/ul	0.00
73) Anthracene-d10	17.542	188	184507	24.738	ng/ul	0.00
81) Pyrene-d10	19.827	212	178818	23.259	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.774	264	137622	17.367	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.489	178	30914	3.697	ng/ul	96
80) Fluoranthene	19.499	202	73218	7.717	ng/ul#	98
82) Pyrene	19.857	202	41826	4.420	ng/ul#	96
85) Benzo(a)anthracene	21.707	228	31898	3.482	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.596	149	7762	1.469	ng/ul#	95
87) Chrysene	21.772	228	34648m	4.050	ng/ul	
90) Benzo(b)fluoranthene	23.963	252	48845	5.167	ng/ul	95
91) Benzo(k)fluoranthene	24.016	252	16213m	1.727	ng/ul	
93) Benzo(a)pyrene	24.838	252	13581	1.632	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.739	276	15871m	1.453	ng/ul	

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

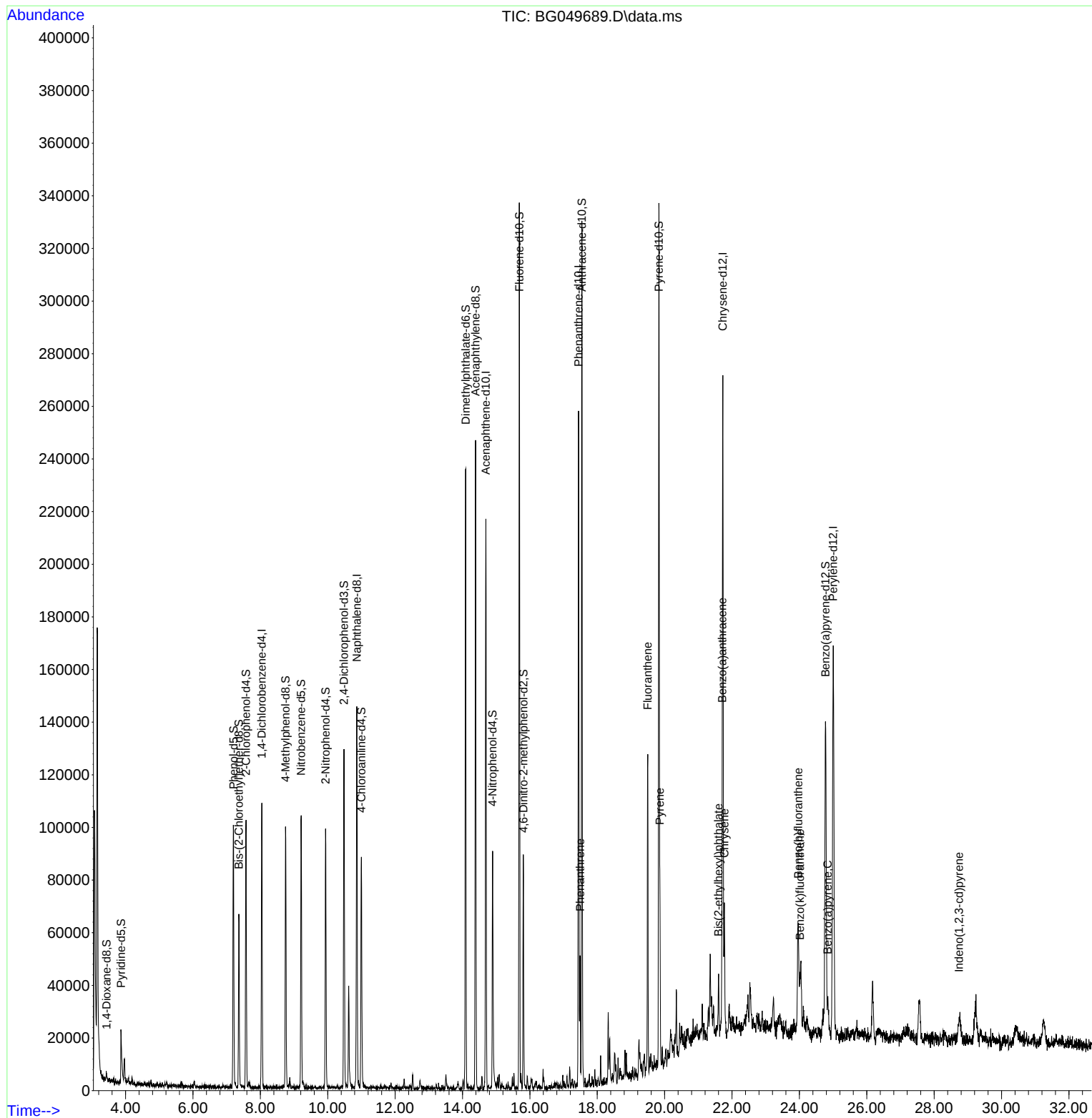
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Data File : BG049689.D
Acq On : 6 Aug 2021 23:58
Operator : CG/JU
Sample : M3124-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

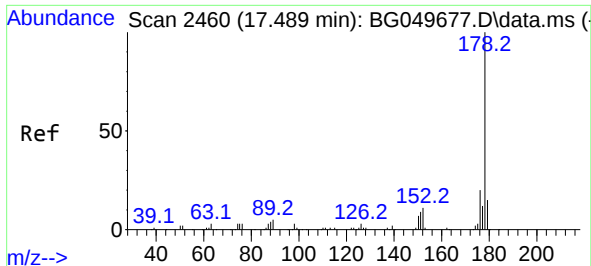
Instrument :
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ClientSampleId :
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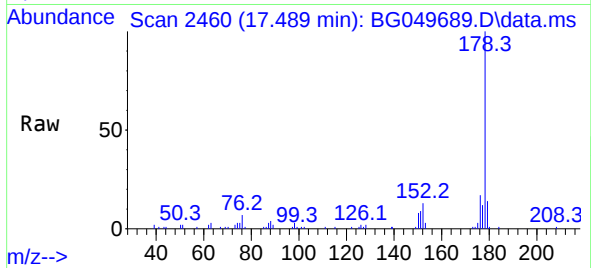
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Quant Time: Aug 07 01:49:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

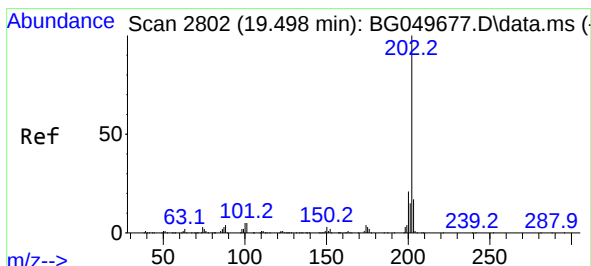
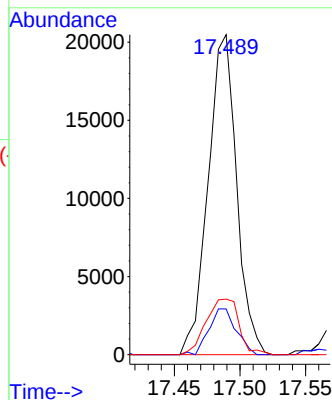
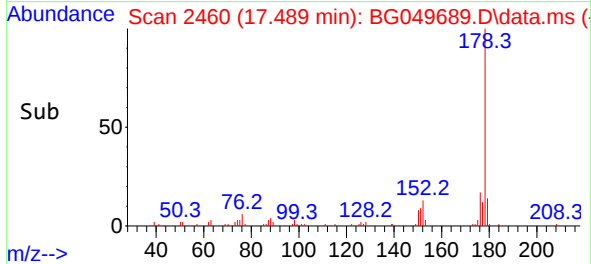




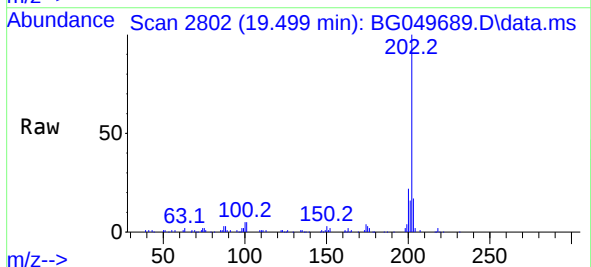
#72
Phenanthrene
Concen: 3.697 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58



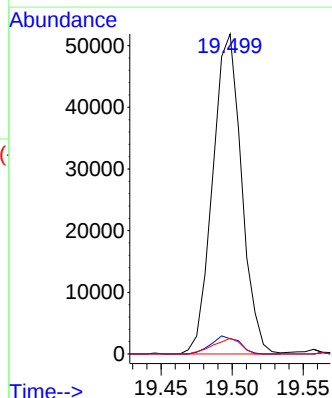
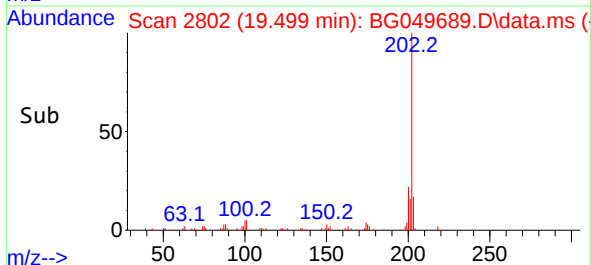
Tgt Ion:178 Resp: 30914
Ion Ratio Lower Upper
178 100
179 14.3 12.4 18.6
176 17.4 15.4 23.2



#80
Fluoranthene
Concen: 7.717 ng/ul
RT: 19.499 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58



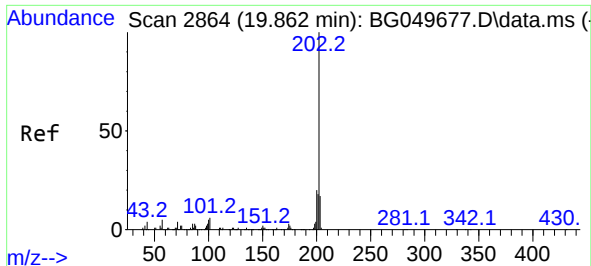
Tgt Ion:202 Resp: 73218
Ion Ratio Lower Upper
202 100
101 4.8 4.8 7.2#
100 4.9 3.9 5.9



Instrument :
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ClientSampled :
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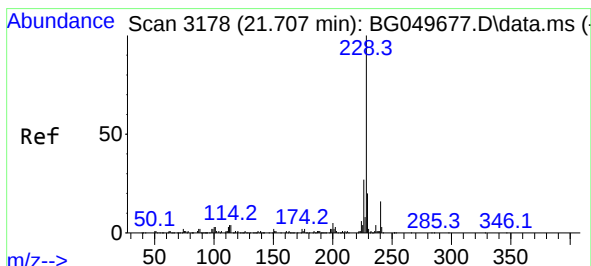
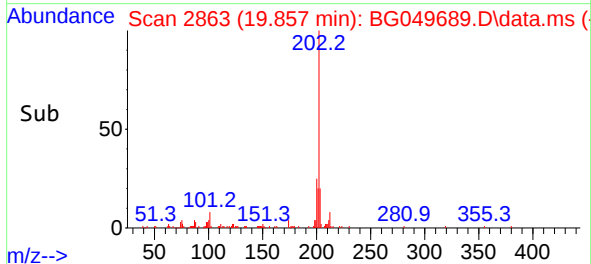
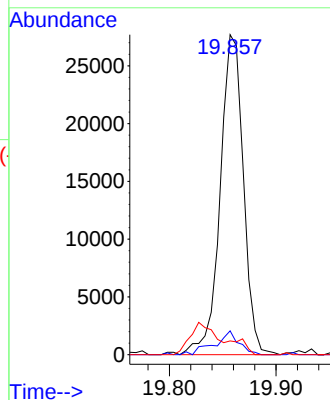
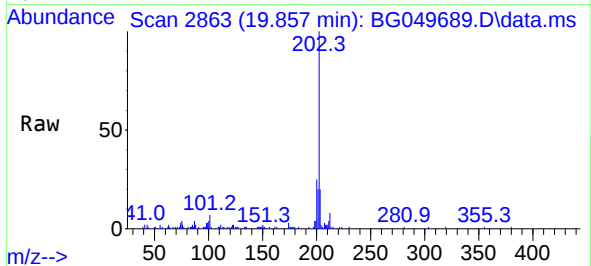
#82
Pyrene
Concen: 4.420 ng/ul
RT: 19.857 min Scan# 2863
Delta R.T. -0.005 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

Instrument :
BNA_G
ClientSampled :
C0085

Tgt Ion:202 Resp: 41826
Ion Ratio Lower Upper
202 100
101 7.5 5.2 7.8
100 4.3 4.8 7.2#

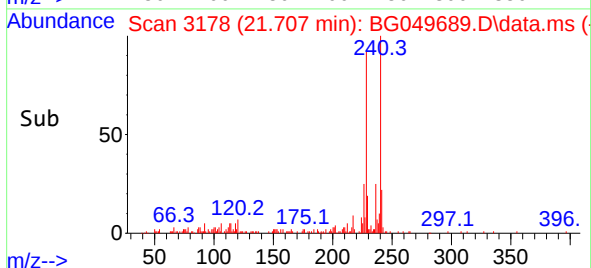
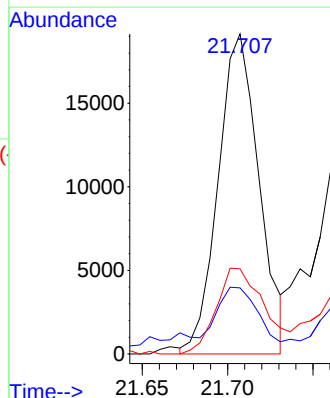
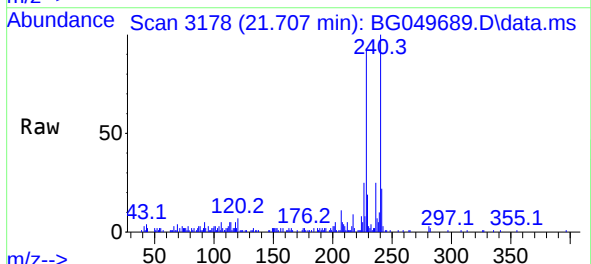
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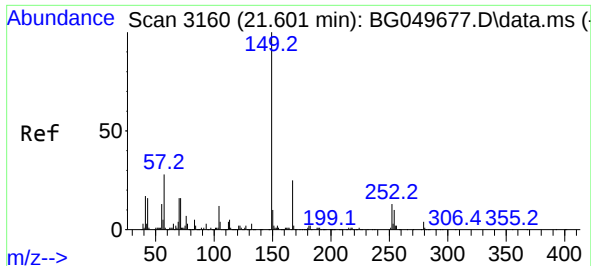
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#85
Benzo(a)anthracene
Concen: 3.482 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

Tgt Ion:228 Resp: 31898
Ion Ratio Lower Upper
228 100
229 20.6 15.3 22.9
226 26.6 21.0 31.6





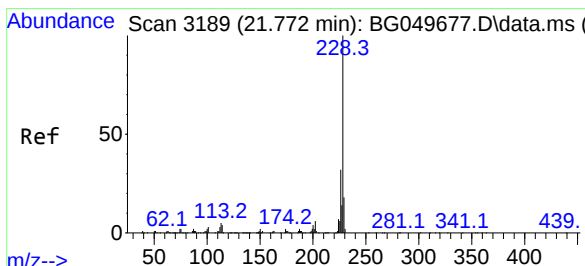
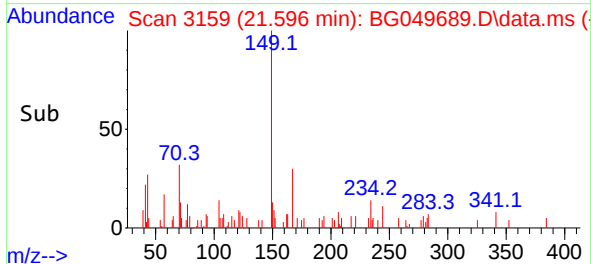
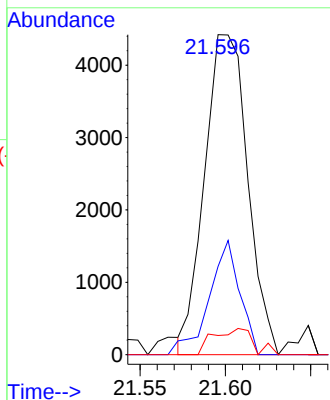
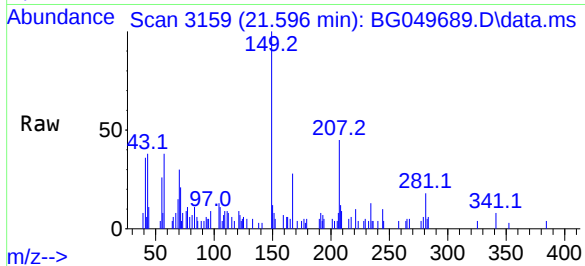
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.469 ng/ul
RT: 21.596 min Scan# 3159
Delta R.T. -0.005 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

Tgt Ion:149 Resp: 7762
Ion Ratio Lower Upper
149 100
167 27.5 19.9 29.9
279 6.0 3.6 5.4#

Instrument :
BNA_G
ClientSampled :
C0085

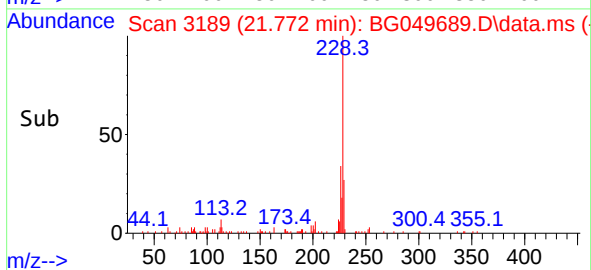
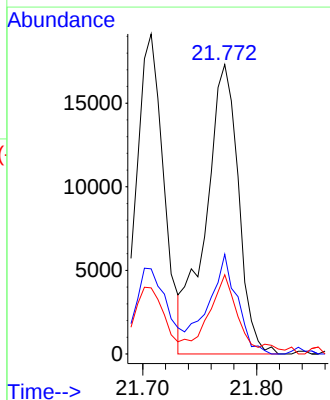
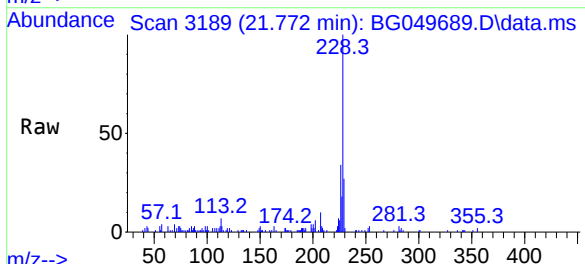
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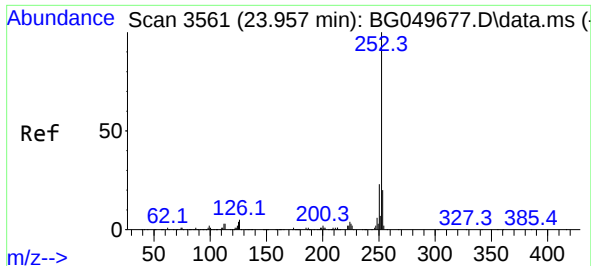
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#87
Chrysene
Concen: 4.050 ng/ul m
RT: 21.772 min Scan# 3189
Delta R.T. -0.005 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

Tgt Ion:228 Resp: 34648
Ion Ratio Lower Upper
228 100
226 34.4 24.7 37.1
229 27.4 15.4 23.2#





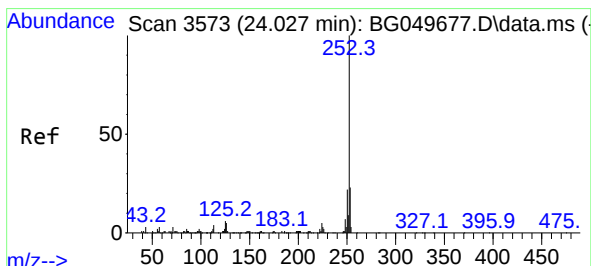
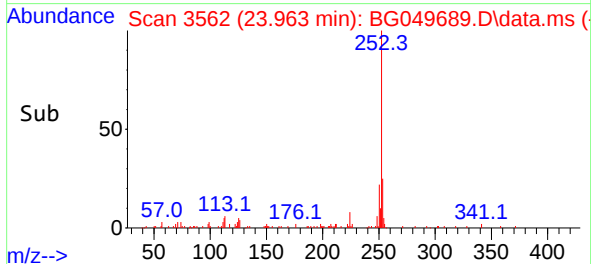
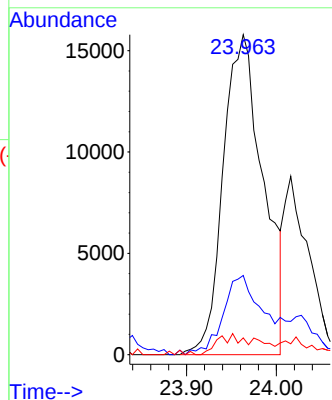
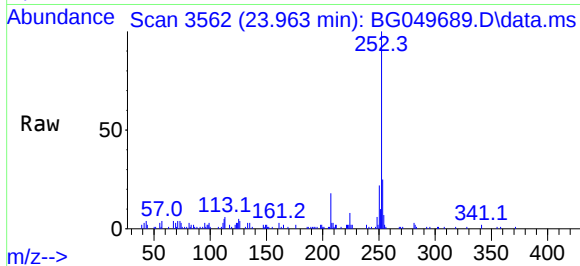
#90
Benzo(b)fluoranthene
Concen: 5.167 ng/ul
RT: 23.963 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

Tgt Ion:	252	Resp:	48845
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.4	26.2
125	5.2	3.7	5.5

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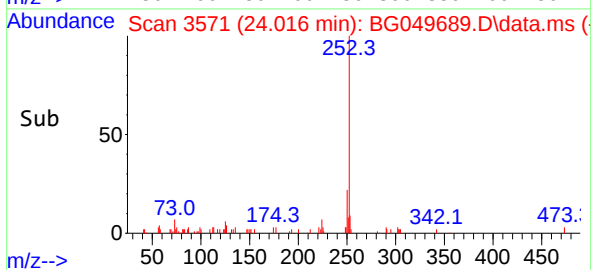
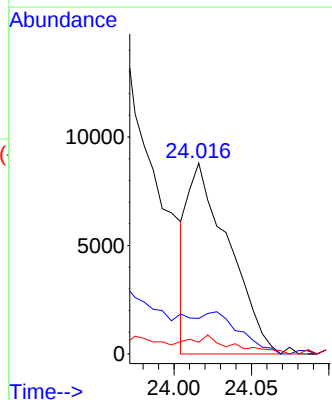
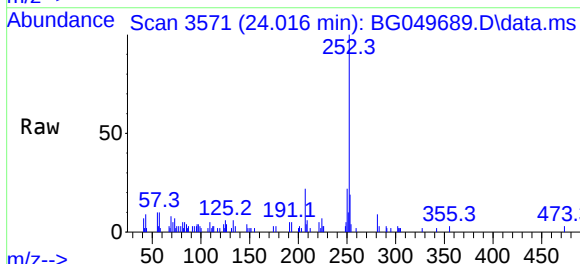
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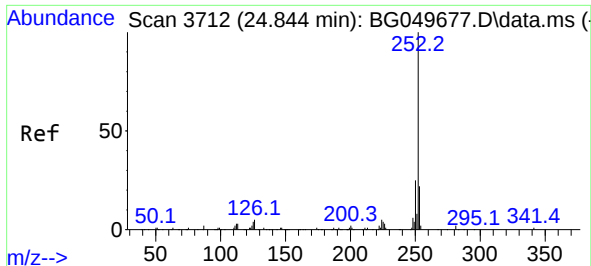
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#91
Benzo(k)fluoranthene
Concen: 1.727 ng/ul m
RT: 24.016 min Scan# 3571
Delta R.T. -0.011 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

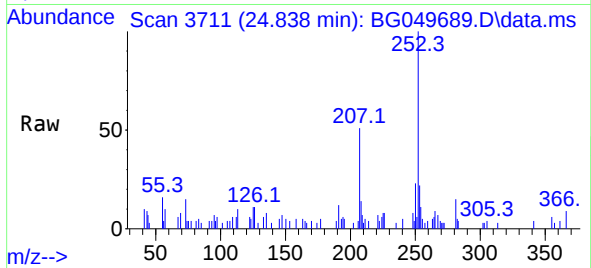
Tgt Ion:	252	Resp:	16213
Ion Ratio	Lower	Upper	
252	100		
253	18.6	17.8	26.8
125	6.1	3.8	5.8#





#93
Benzo(a)pyrene
Concen: 1.632 ng/ul
RT: 24.838 min Scan# 3711
Delta R.T. -0.011 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58

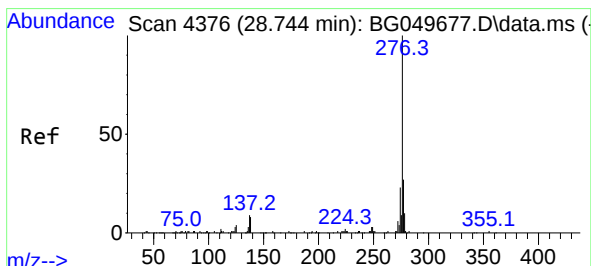
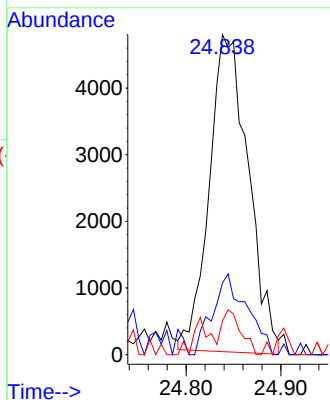
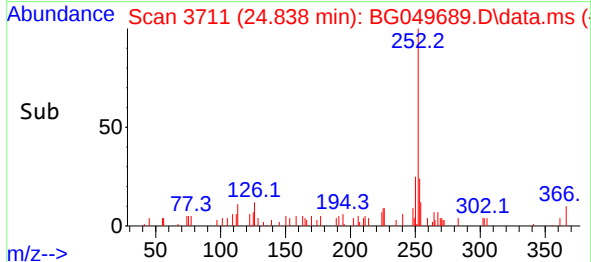
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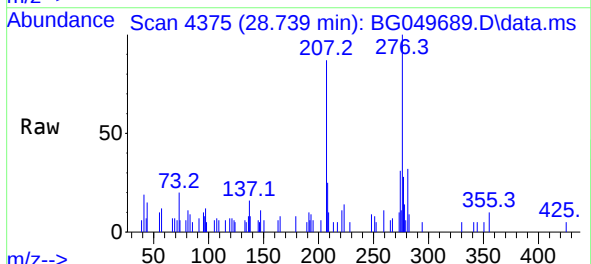
Tgt Ion:252 Resp: 13581
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.6 4.6 7.0#

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.453 ng/ul m
RT: 28.739 min Scan# 4375
Delta R.T. -0.005 min
Lab File: BG049689.D
Acq: 6 Aug 2021 23:58



Tgt Ion:276 Resp: 15871
Ion Ratio Lower Upper
276 100
138 8.3 6.6 10.0
277 28.3 19.4 29.2

