

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050034.D
 Acq On : 30 Aug 2021 16:22
 Operator : CG/JU
 Sample : M3458-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

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Quant Time: Aug 30 17:21:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	24740	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	100482	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	68809	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	142919	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	121640	20.000	ng/ul	0.00
88) Perylene-d12	24.885	264	125648	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	1157m	2.412	ng/uL	0.00
4) Pyridine-d5	3.772	84	5157m	3.569	ng/ul	0.03
7) Phenol-d5	7.132	99	25336	12.060	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	14580	12.492	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	21533	13.698	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	18983	11.474	ng/ul	0.00
21) Nitrobenzene-d5	9.130	128	10943	14.047	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	13265	14.300	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.416	165	23609	14.270	ng/ul	0.01
31) 4-Chloroaniline-d4	10.927	131	5432	2.412	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	81737	15.522	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	98663	15.979	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	6973	9.152	ng/ul	0.02
60) Fluorene-d10	15.621	176	72820	16.310	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	7191	7.821	ng/ul	0.00
73) Anthracene-d10	17.477	188	108782	16.950	ng/ul	0.00
81) Pyrene-d10	19.768	212	121574	18.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.656	264	103994	15.601	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.418	178	26778	3.758	ng/ul	97
80) Fluoranthene	19.433	202	52160	6.430	ng/ul	98
82) Pyrene	19.798	202	42340	5.268	ng/ul#	95
83) Butylbenzylphthalate	20.673	149	10016	3.158	ng/ul#	82
85) Benzo(a)anthracene	21.636	228	23876	3.150	ng/ul	94
87) Chrysene	21.701	228	21697	3.028	ng/ul	98
90) Benzo(b)fluoranthene	23.857	252	29100	3.621	ng/ul#	86
91) Benzo(k)fluoranthene	23.916	252	11573	1.515	ng/ul#	95
93) Benzo(a)pyrene	24.732	252	16956	2.429	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	28.568	276	11469	1.246	ng/ul#	96

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

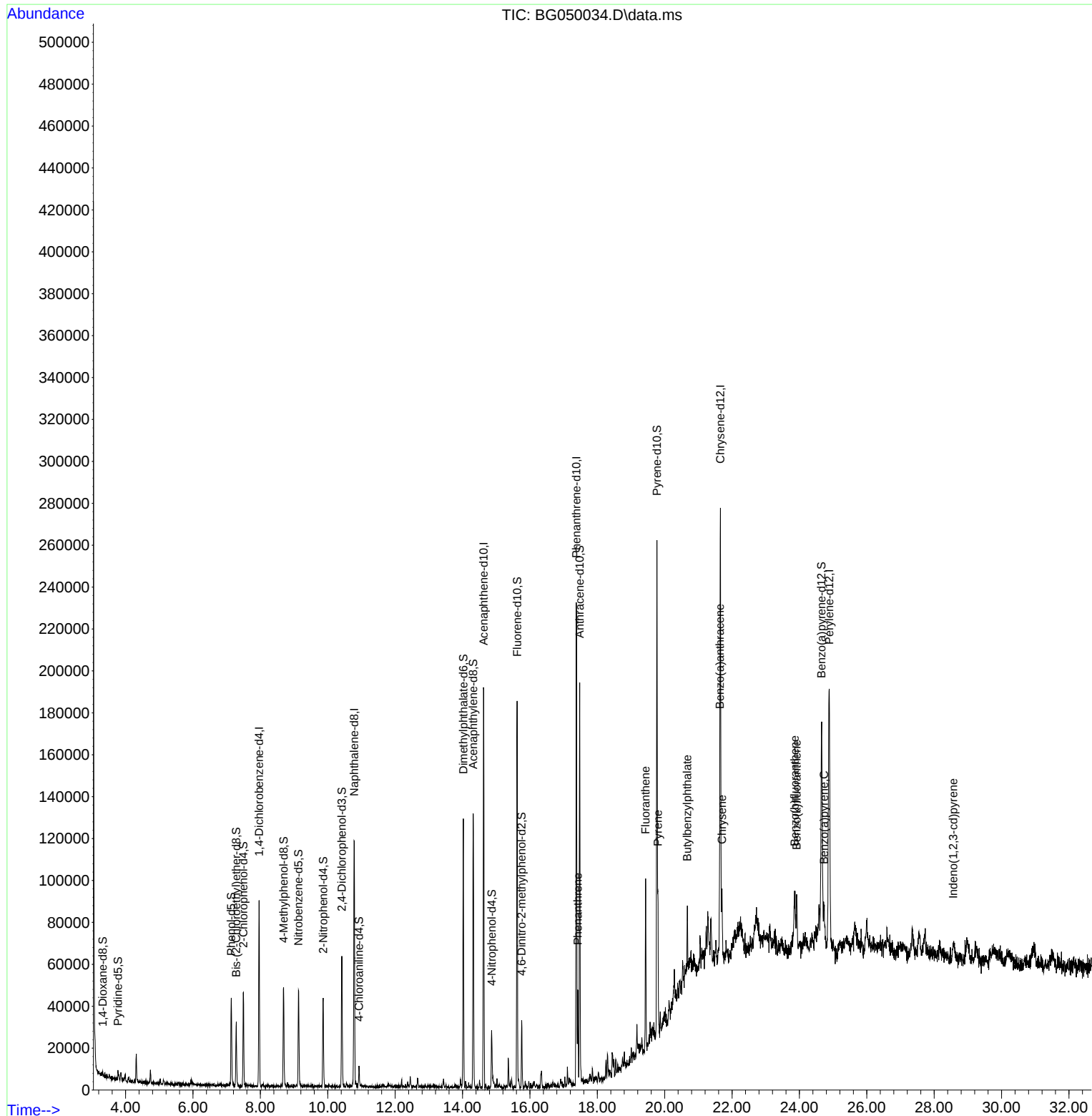
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050034.D
Acq On : 30 Aug 2021 16:22
Operator : CG/JU
Sample : M3458-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

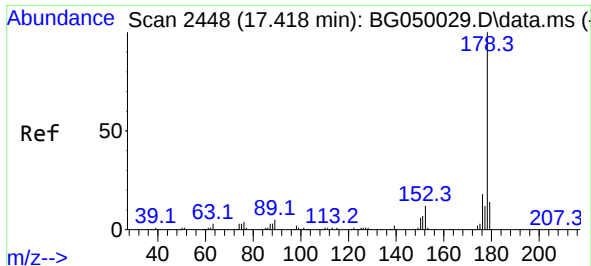
Instrument :
BNA_G
ClientSampleId :
C0AB6

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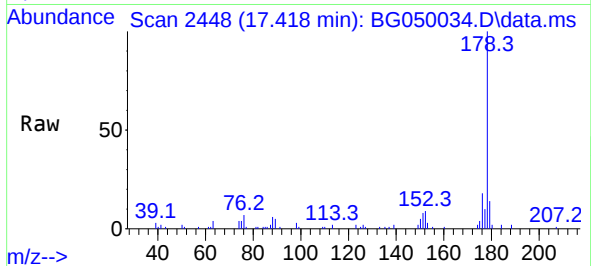
Quant Time: Aug 30 17:21:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.758 ng/ul
RT: 17.418 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22

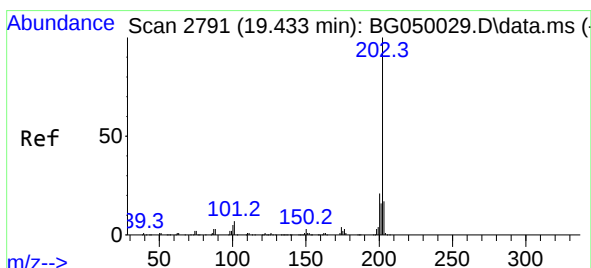
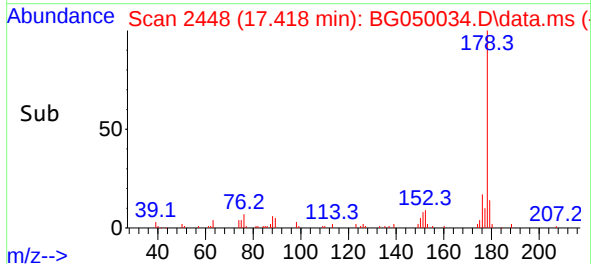
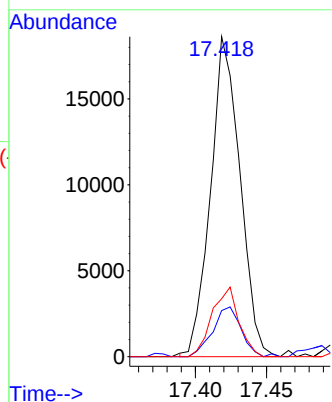
Instrument :
BNA_G
ClientSampled :
C0AB6



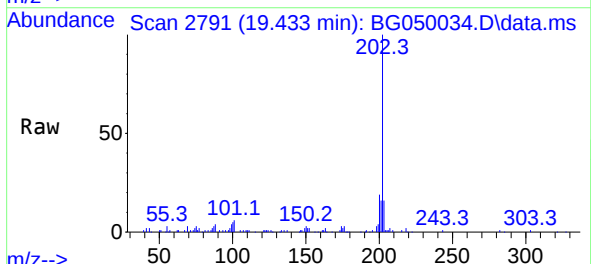
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Ion Ratio Lower Upper
178 100
179 14.4 11.7 17.5
176 18.1 16.2 24.2

Manual Integrations
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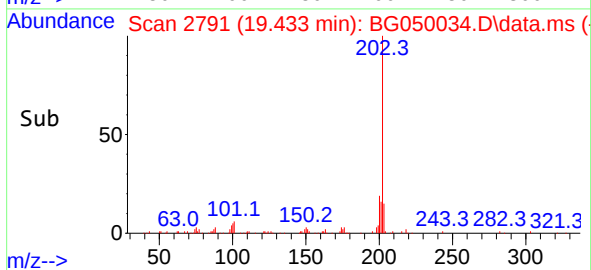
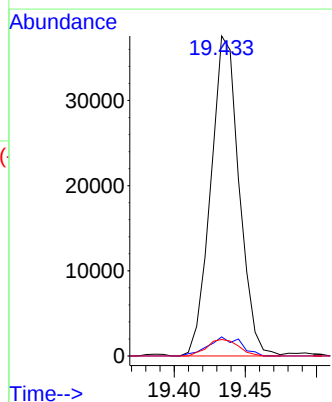
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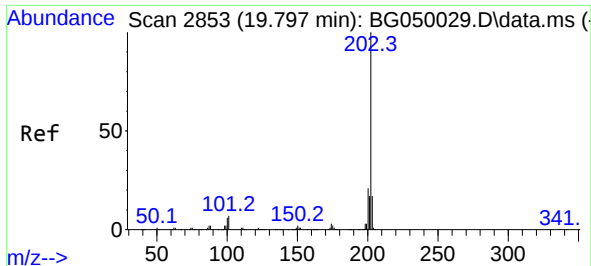


#80
Fluoranthene
Concen: 6.430 ng/ul
RT: 19.433 min Scan# 2791
Delta R.T. 0.000 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22



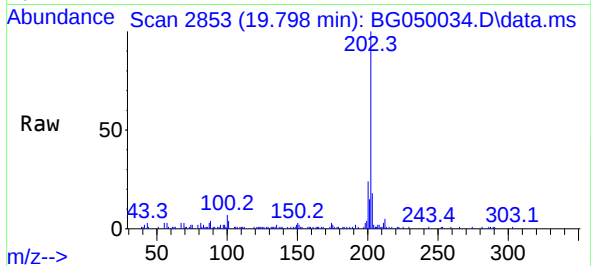
Tgt Ion:202 Resp: 52160
Ion Ratio Lower Upper
202 100
101 6.0 4.3 6.5
100 5.2 3.5 5.3



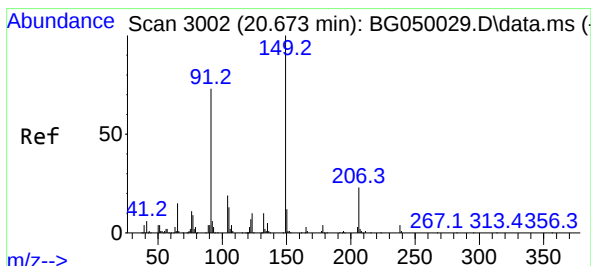
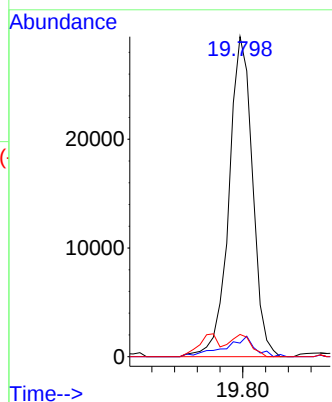
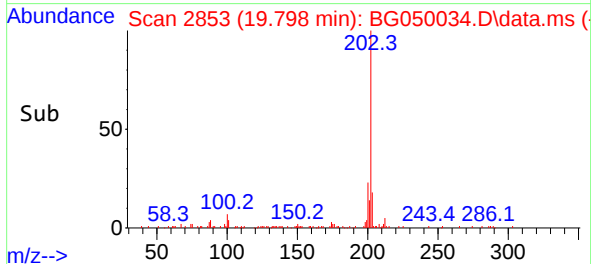


#82
Pyrene
Concen: 5.268 ng/ul
RT: 19.798 min Scan# 2853
Delta R.T. 0.000 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22

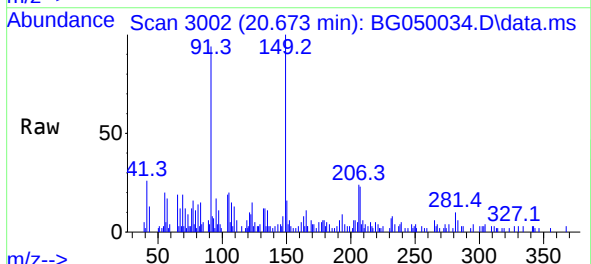
Instrument :
BNA_G
ClientSampled :
C0AB6



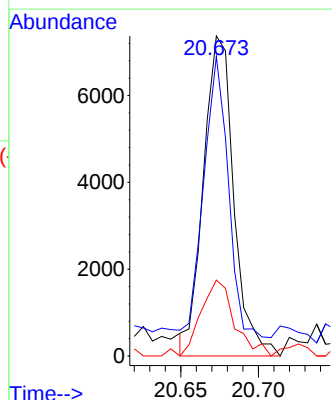
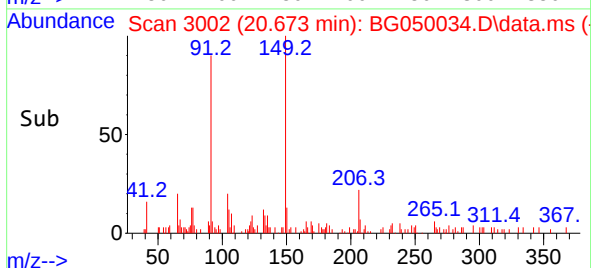
Tgt Ion:202 Resp: 42340
Ion Ratio Lower Upper
202 100
101 4.3 5.4 8.0#
100 6.9 5.0 7.6

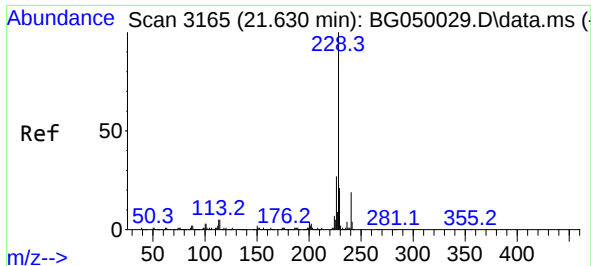


#83
Butylbenzylphthalate
Concen: 3.158 ng/ul
RT: 20.673 min Scan# 3002
Delta R.T. 0.000 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22

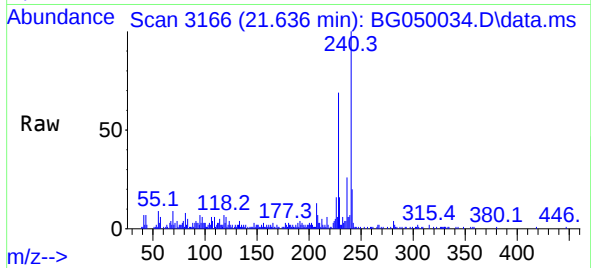


Tgt Ion:149 Resp: 10016
Ion Ratio Lower Upper
149 100
91 93.6 60.6 90.8#
206 23.7 16.8 25.2

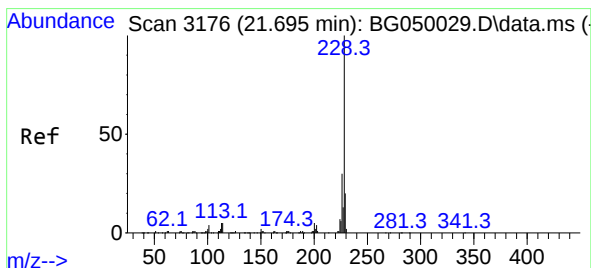
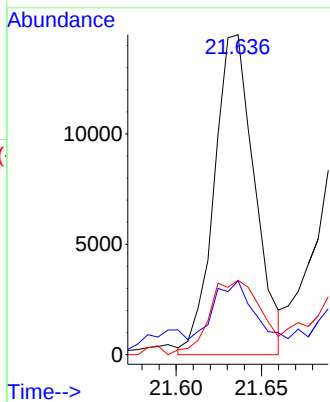
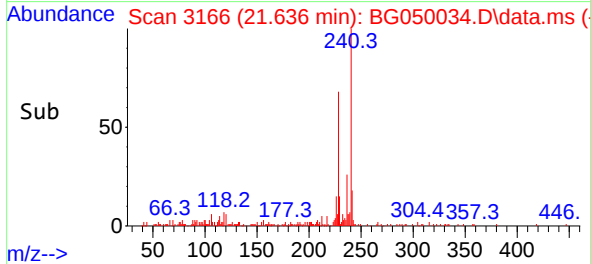




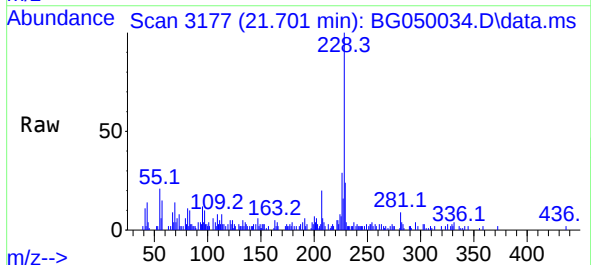
#85
Benzo(a)anthracene
Concen: 3.150 ng/ul
RT: 21.636 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22



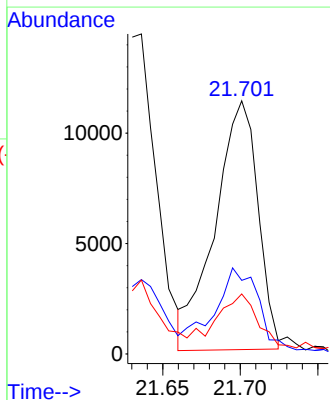
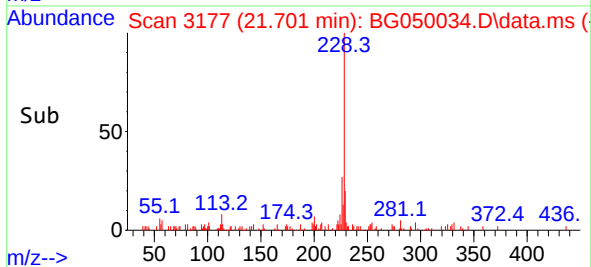
Tgt Ion:228 Resp: 23876
Ion Ratio Lower Upper
228 100
229 23.1 16.2 24.4
226 23.3 21.0 31.4



#87
Chrysene
Concen: 3.028 ng/ul
RT: 21.701 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22



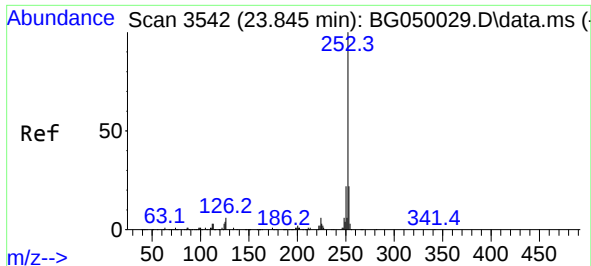
Tgt Ion:228 Resp: 21697
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.4
229 23.7 17.8 26.6



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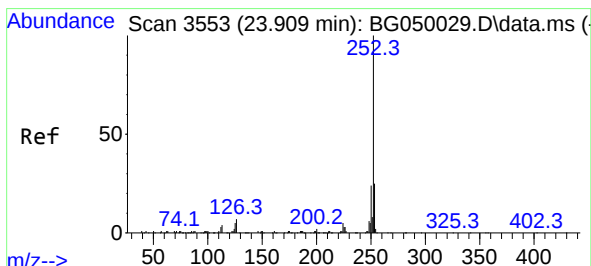
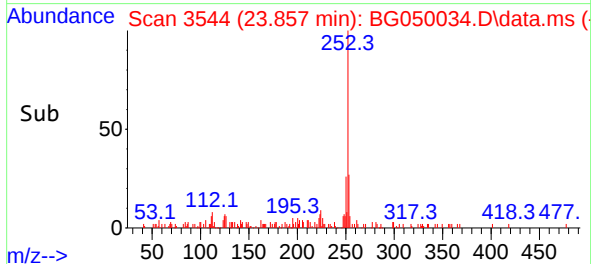
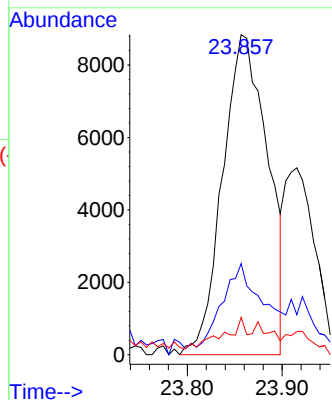
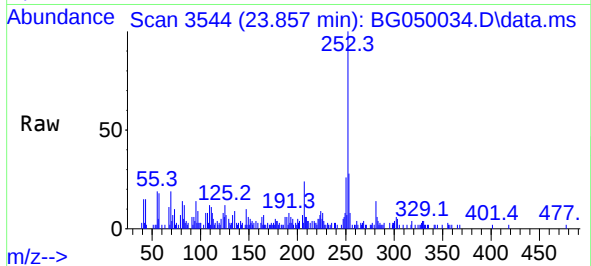
#90
Benzo(b)fluoranthene
Concen: 3.621 ng/ul
RT: 23.857 min Scan# 3544
Delta R.T. 0.012 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.5	18.1	27.1#
125	11.6	3.4	5.0#

Instrument :
BNA_G
ClientSampled :
C0AB6

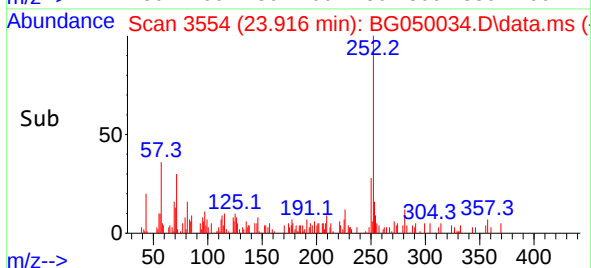
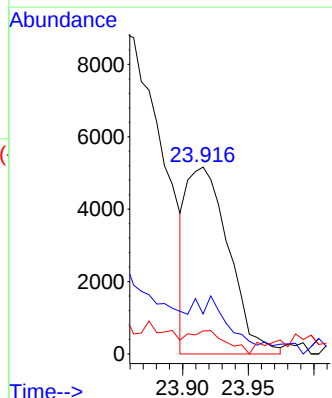
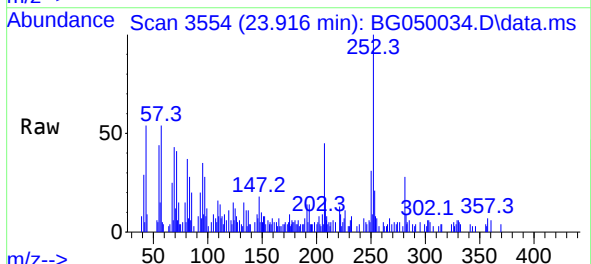
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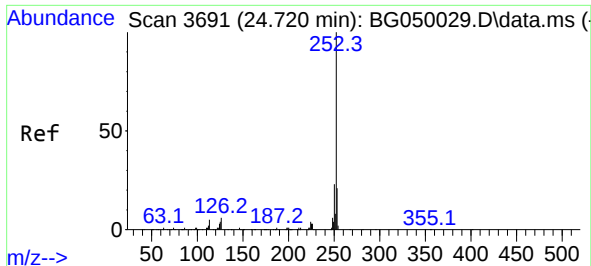
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#91
Benzo(k)fluoranthene
Concen: 1.515 ng/ul
RT: 23.916 min Scan# 3554
Delta R.T. 0.006 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	12.3	4.1	6.1#





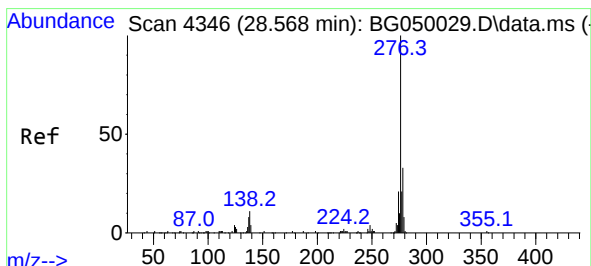
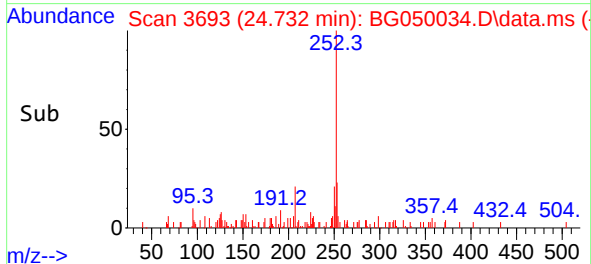
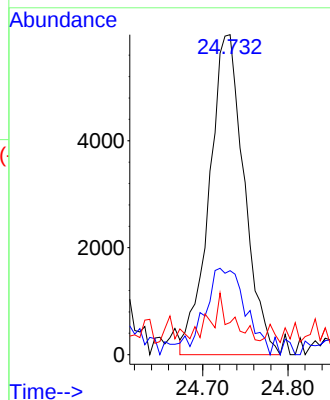
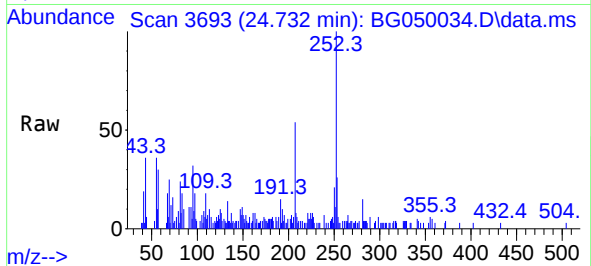
#93
Benzo(a)pyrene
Concen: 2.429 ng/ul
RT: 24.732 min Scan# 3693
Delta R.T. 0.012 min
Lab File: BG050034.D
Acq: 30 Aug 2021 16:22

Tgt Ion: 252 Resp: 16956
Ion Ratio Lower Upper
252 100
253 26.3 17.0 25.4#
125 10.0 4.4 6.6#

Instrument :
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ClientSampled :
C0AB6

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.246 ng/ul
RT: 28.568 min Scan# 4346
Delta R.T. 0.000 min
Lab File: BG050034.D
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Tgt Ion: 276 Resp: 11469
Ion Ratio Lower Upper
276 100
138 9.2 5.5 8.3#
277 21.6 18.6 27.8

