

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
 Data File : BG049591.D
 Acq On : 31 Jul 2021 00:33
 Operator : CG/JU
 Sample : M3122-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGER2

Manual Integrations
 APPROVED

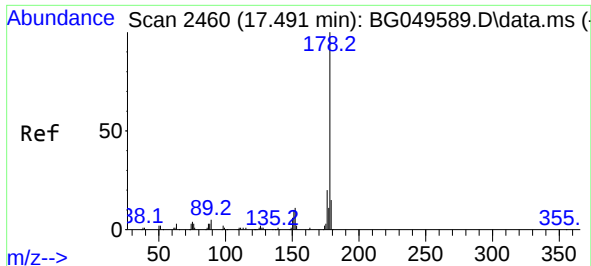
mohammad
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Quant Time: Jul 31 03:37:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 31 02:14:57 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

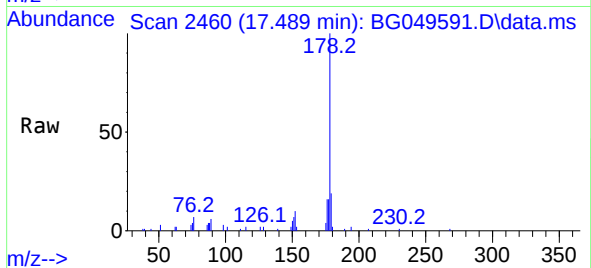
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	23647	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	105115	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.699	164	74467	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.448	188	163396	20.000	ng/u1	0.00
79) Chrysene-d12	21.730	240	153808	20.000	ng/u1	# 0.00
88) Perylene-d12	25.003	264	160934	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	1286	2.488	ng/uL	-0.01
4) Pyridine-d5	3.872	84	9233m	6.219	ng/u1	0.02
7) Phenol-d5	7.203	99	25083	11.989	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	14557	12.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.573	132	17716	11.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.754	113	15465	9.807	ng/u1	0.00
21) Nitrobenzene-d5	9.218	128	10829	13.400	ng/u1	0.00
24) 2-Nitrophenol-d4	9.941	143	10602	11.195	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	19085	11.081	ng/u1	0.00
31) 4-Chloroaniline-d4	11.004	131	21375	8.905	ng/u1	0.00
46) Dimethylphthalate-d6	14.094	166	69649	12.210	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	85532	12.910	ng/u1	0.00
54) 4-Nitrophenol-d4	14.899	143	7872m	8.380	ng/u1	0.01
60) Fluorene-d10	15.686	176	61579	12.531	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	7884	7.787	ng/u1	0.00
73) Anthracene-d10	17.548	188	93609	12.327	ng/u1	0.00
81) Pyrene-d10	19.833	212	82777	10.525	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.779	264	51546m	6.094	ng/u1	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.489	178	21593	2.538	ng/u1	94
74) Anthracene	17.583	178	11192	1.298	ng/u1	95
80) Fluoranthene	19.498	202	65066	6.814	ng/u1#	96
82) Pyrene	19.862	202	32657	3.444	ng/u1#	95
85) Benzo(a)anthracene	21.707	228	42094m	4.476	ng/u1	
87) Chrysene	21.772	228	33682	3.742	ng/u1	95
90) Benzo(b)fluoranthene	23.969	252	38015m	3.769	ng/u1	
91) Benzo(k)fluoranthene	24.027	252	14717m	1.491	ng/u1	
93) Benzo(a)pyrene	24.838	252	12765m	1.459	ng/u1	

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



#72
Phenanthrene
Concen: 2.538 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

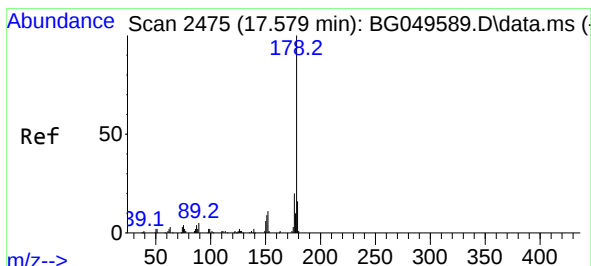
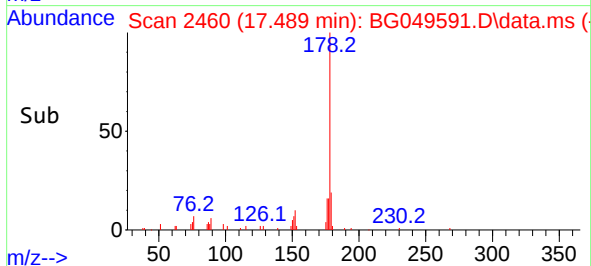
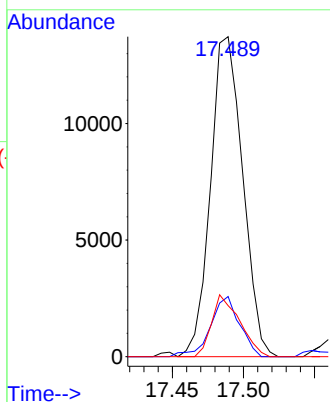
Instrument :
BNA_G
ClientSampleId :
BGER2



Tgt Ion:178 Resp: 21593
Ion Ratio Lower Upper
178 100
179 18.8 13.2 19.8
176 15.9 15.0 22.6

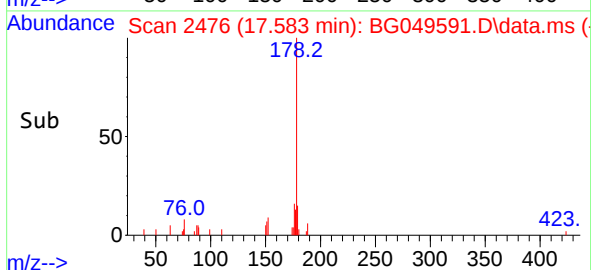
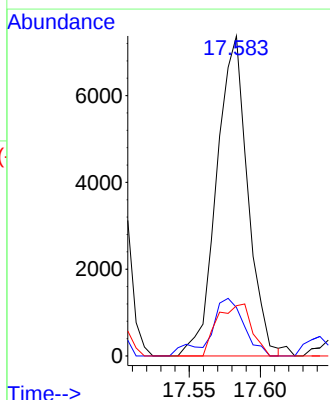
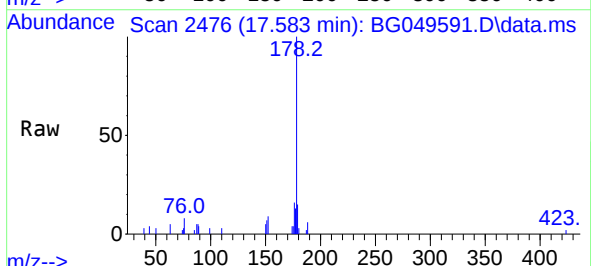
Manual Integrations
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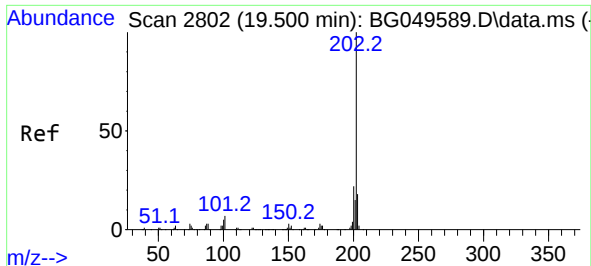
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#74
Anthracene
Concen: 1.298 ng/ul
RT: 17.583 min Scan# 2476
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:178 Resp: 11192
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 15.7 15.6 23.4





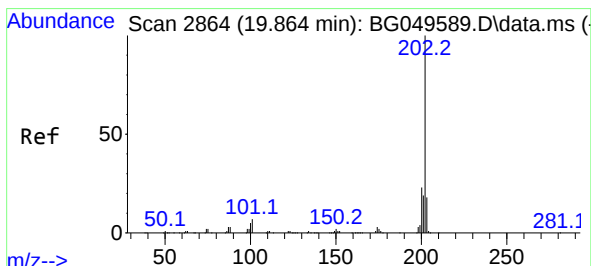
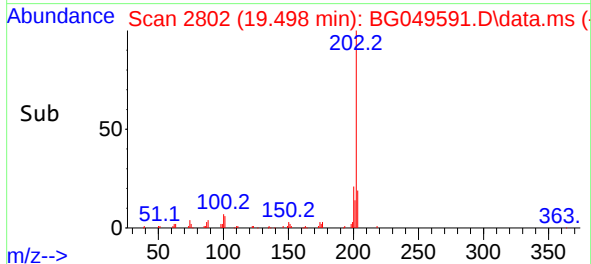
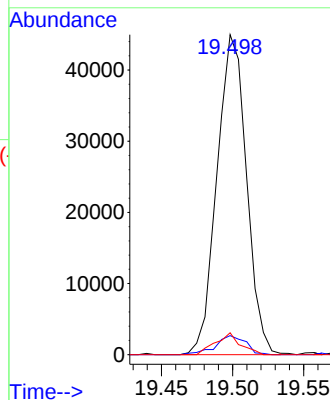
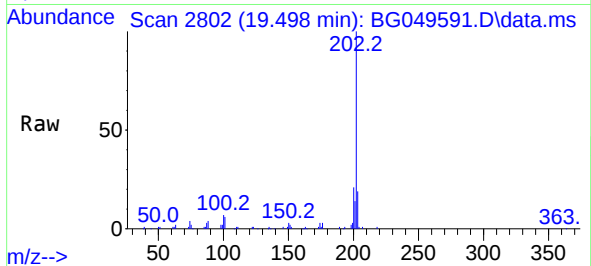
#80
Fluoranthene
Concen: 6.814 ng/ul
RT: 19.498 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:	202	Resp:	65066
Ion Ratio	Lower	Upper	
202	100		
101	5.9	4.3	6.5
100	6.9	3.8	5.6#

Instrument :
BNA_G
ClientSampled :
BGER2

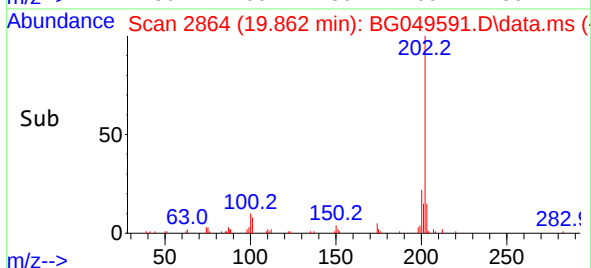
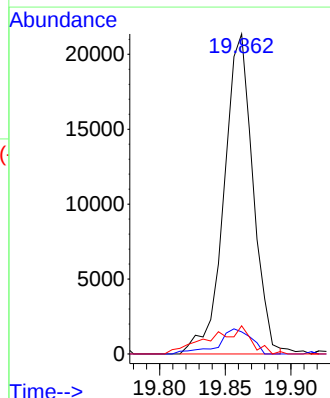
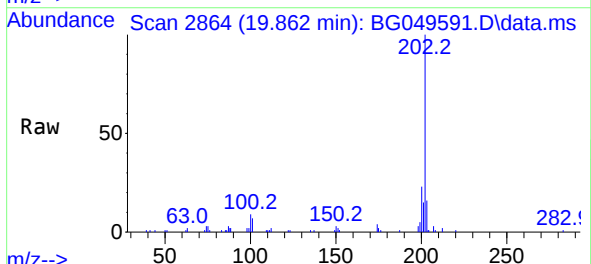
Manual Integrations
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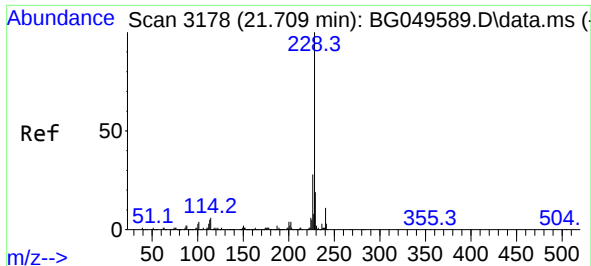
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#82
Pyrene
Concen: 3.444 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:	202	Resp:	32657
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.3	7.9
100	8.8	4.7	7.1#





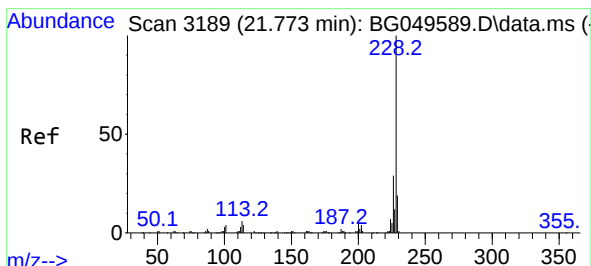
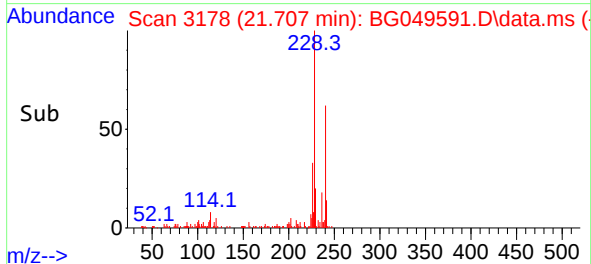
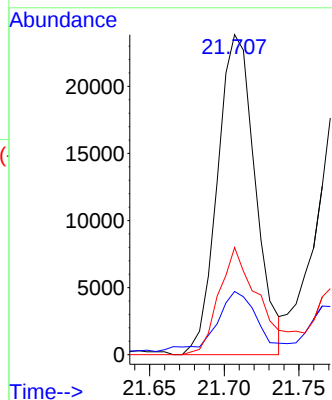
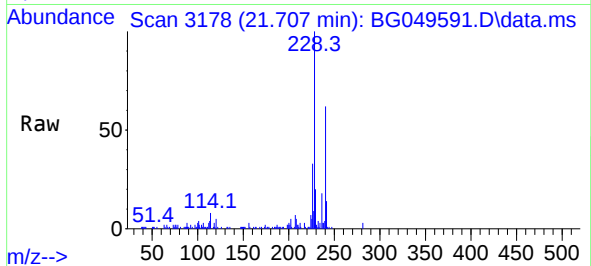
#85
Benzo(a)anthracene
Concen: 4.476 ng/ul m
RT: 21.707 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:228 Resp: 42094
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 33.5 21.1 31.7#

Instrument :
BNA_G
ClientSampled :
BGER2

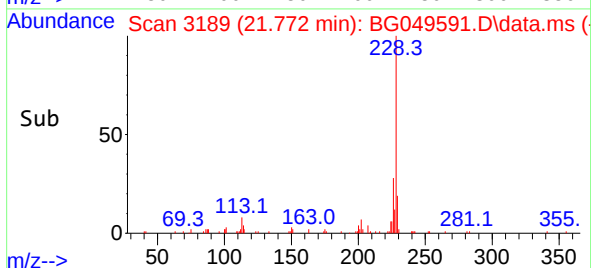
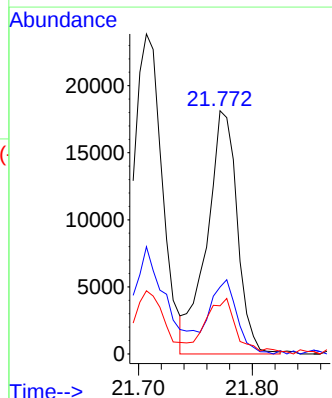
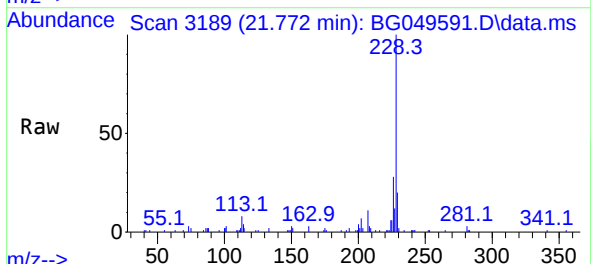
Manual Integrations
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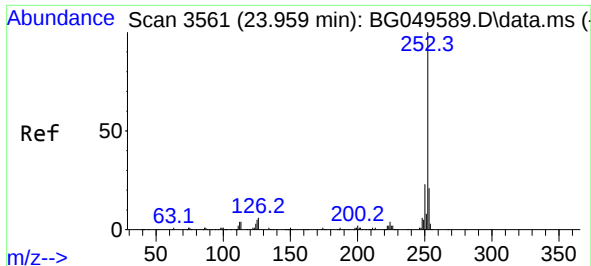
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#87
Chrysene
Concen: 3.742 ng/ul
RT: 21.772 min Scan# 3189
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:228 Resp: 33682
Ion Ratio Lower Upper
228 100
226 27.5 24.6 37.0
229 19.8 14.9 22.3





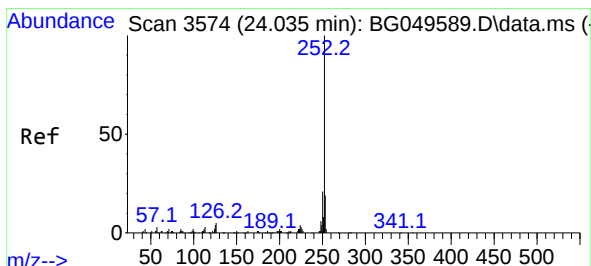
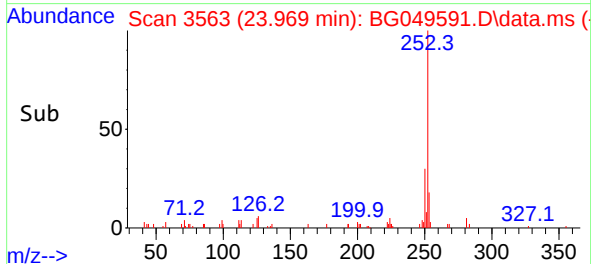
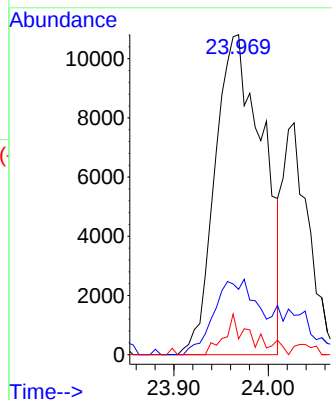
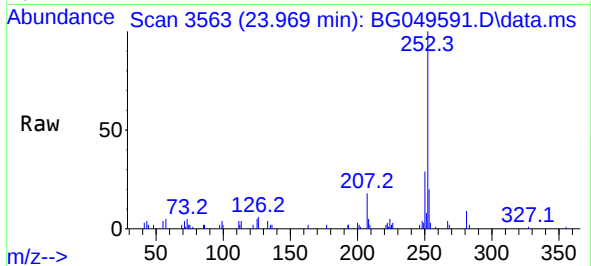
#90
Benzo(b)fluoranthene
Concen: 3.769 ng/ul m
RT: 23.969 min Scan# 3563
Delta R.T. 0.011 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:252 Resp: 38015
Ion Ratio Lower Upper
252 100
253 20.4 17.1 25.7
125 4.9 4.5 6.7

Instrument :
BNA_G
ClientSampled :
BGER2

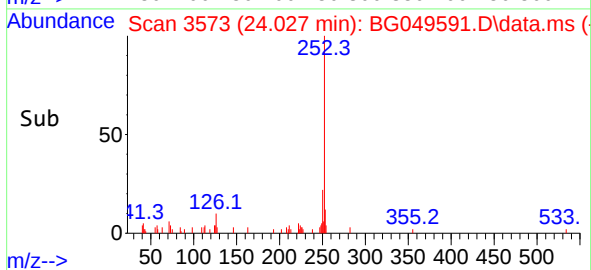
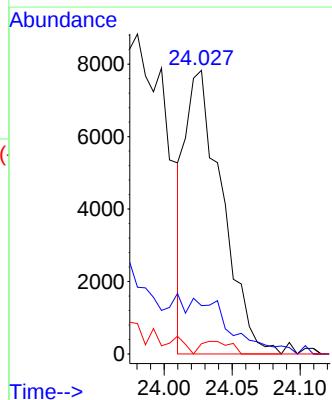
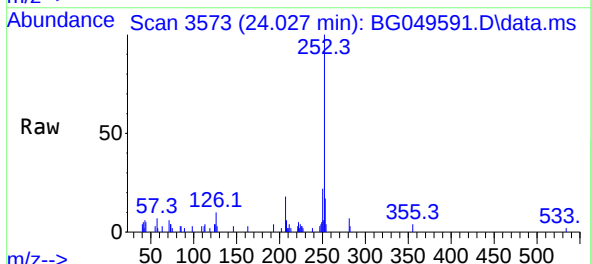
Manual Integrations
APPROVED

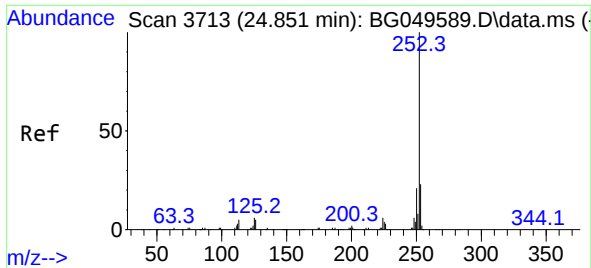
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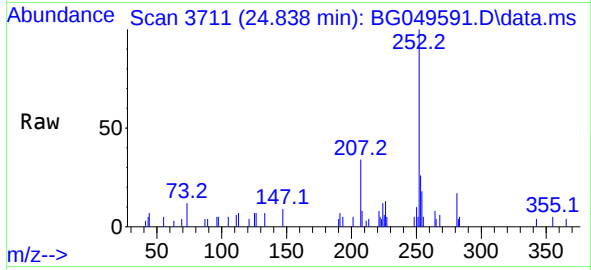
#91
Benzo(k)fluoranthene
Concen: 1.491 ng/ul m
RT: 24.027 min Scan# 3573
Delta R.T. 0.005 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33

Tgt Ion:252 Resp: 14717
Ion Ratio Lower Upper
252 100
253 17.0 17.3 25.9#
125 3.6 4.6 7.0#

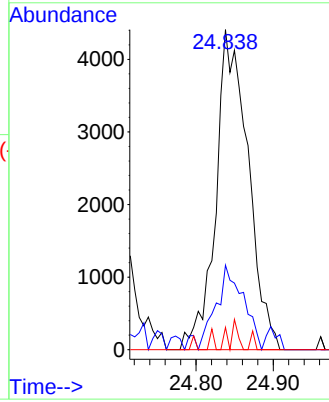
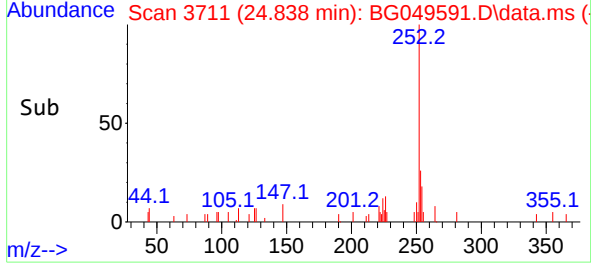




#93
Benzo(a)pyrene
Concen: 1.459 ng/ul m
RT: 24.838 min Scan# 3711
Delta R.T. -0.000 min
Lab File: BG049591.D
Acq: 31 Jul 2021 00:33



Tgt Ion:252 Resp: 12765
Ion Ratio Lower Upper
252 100
253 26.4 16.4 24.6#
125 6.9 4.6 6.8#



Instrument :
BNA_G
ClientSampleId :
BGER2

Manual Integrations
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