

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049693.D
 Acq On : 7 Aug 2021 3:22
 Operator : CG/JU
 Sample : M3124-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0092

Manual Integrations
 APPROVED

mohammad
 8/9/2021 12:10:09 PM

Quant Time: Aug 07 06:44:39 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	8.044	152	28316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.864	136	117806	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.694	164	83908	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.443	188	171963	20.000	ng/ul	0.00
79) Chrysene-d12	21.726	240	162758	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	166884	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.433	96	818	1.351	ng/uL	0.00
4) Pyridine-d5	3.873	84	3268m	1.798	ng/ul	0.02
7) Phenol-d5	7.192	99	34327	13.358	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	21888	14.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.574	132	24952	13.566	ng/ul	0.00
15) 4-Methylphenol-d8	8.749	113	21767	11.109	ng/ul	0.00
21) Nitrobenzene-d5	9.213	128	14432	15.552	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	16497	15.566	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.482	165	28722	14.373	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	33670	12.308	ng/ul	0.00
46) Dimethylphthalate-d6	14.089	166	101730	15.449	ng/ul	0.00
49) Acenaphthylene-d8	14.389	160	118051	15.069	ng/ul	0.00
54) 4-Nitrophenol-d4	14.894	143	11448	10.753	ng/ul	0.00
60) Fluorene-d10	15.687	176	87156	15.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	12019	10.385	ng/ul	0.00
73) Anthracene-d10	17.543	188	132976	16.382	ng/ul	0.00
81) Pyrene-d10	19.828	212	151272	16.869	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.775	264	145276	15.887	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.490	178	13561	1.490	ng/ul#	87
80) Fluoranthene	19.499	202	25949	2.345	ng/ul#	96
82) Pyrene	19.858	202	20509	1.858	ng/ul#	94
85) Benzo(a)anthracene	21.702	228	11401	1.067	ng/ul	94
87) Chrysene	21.773	228	13991	1.402	ng/ul	94
90) Benzo(b)fluoranthene	23.964	252	16651m	1.527	ng/ul	
93) Benzo(a)pyrene	24.851	252	11495m	1.197	ng/ul	

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

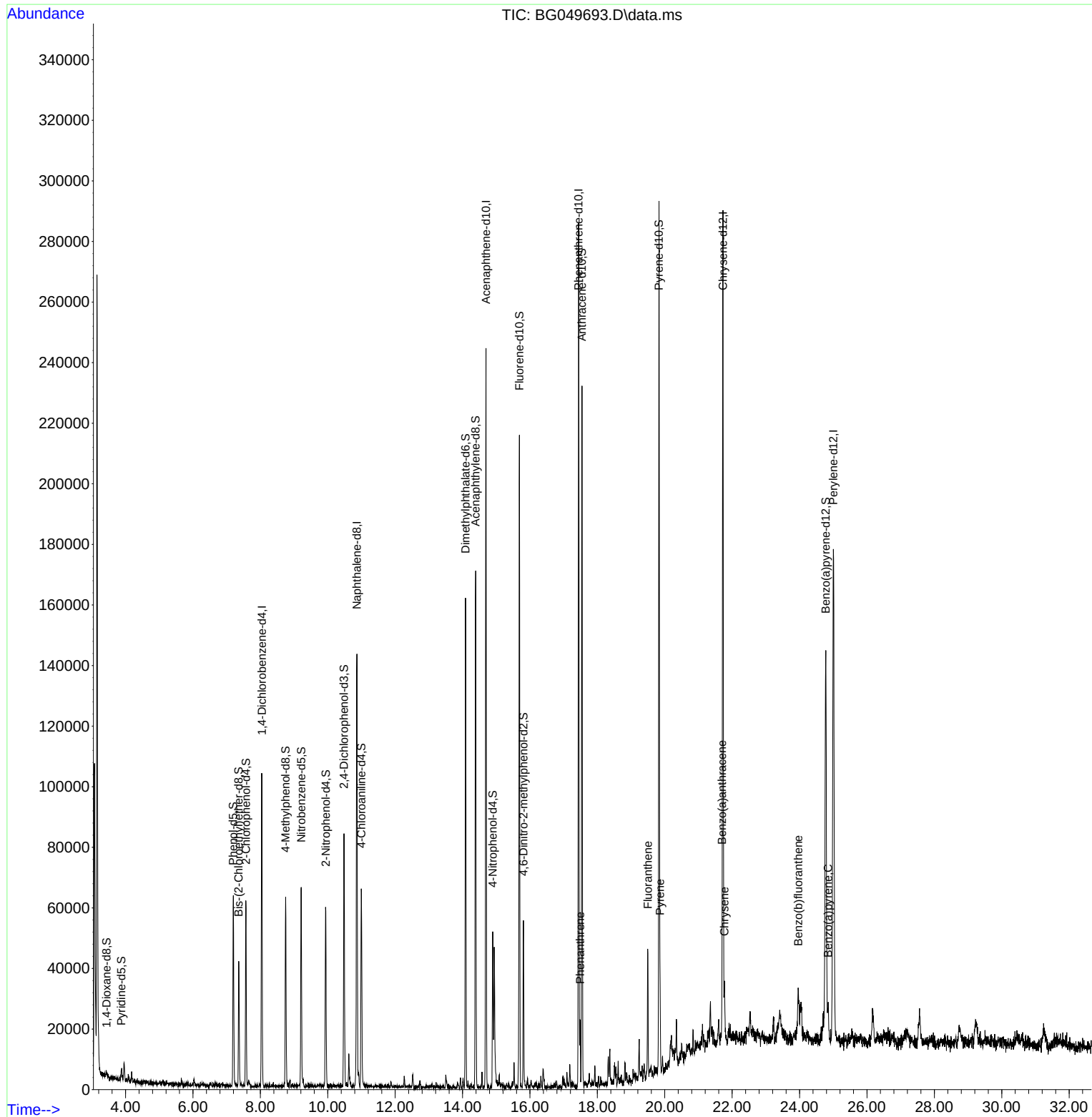
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
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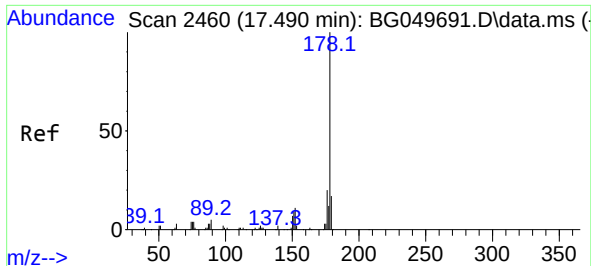
Instrument :
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ClientSampleId :
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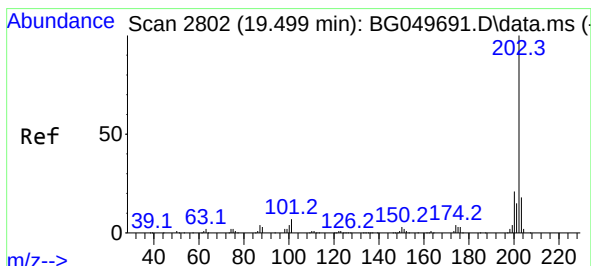
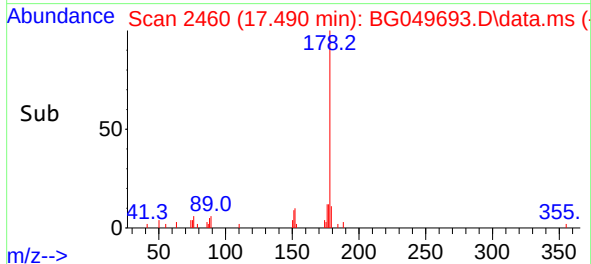
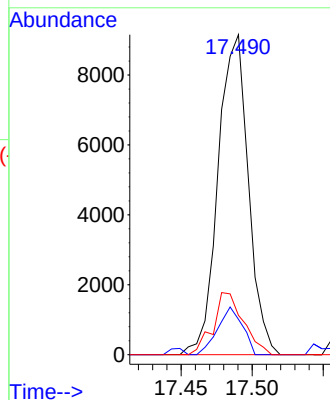
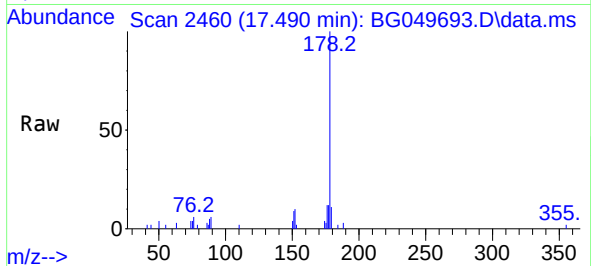
#72
Phenanthrene
Concen: 1.490 ng/ul
RT: 17.490 min Scan# 2460
Delta R.T. 0.001 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22

Tgt Ion:178 Resp: 13561
Ion Ratio Lower Upper
178 100
179 11.0 12.4 18.6#
176 12.3 15.4 23.2#

Instrument :
BNA_G
ClientSampled :
C0092

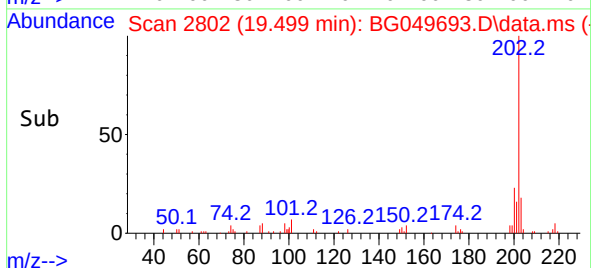
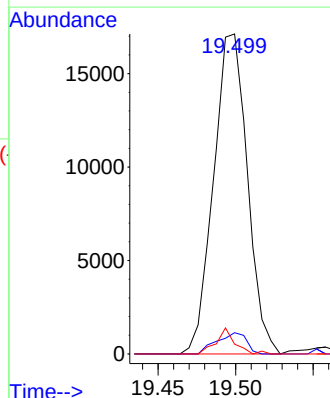
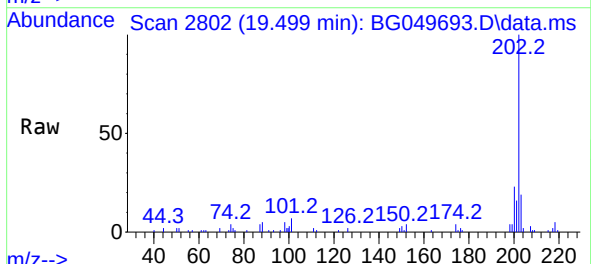
Manual Integrations
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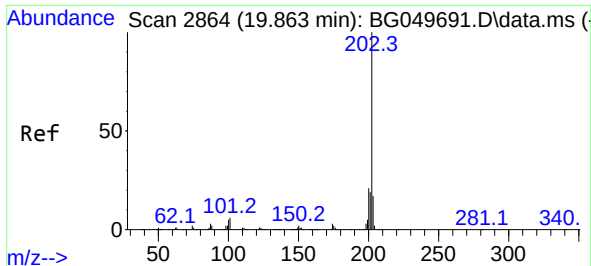
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#80
Fluoranthene
Concen: 2.345 ng/ul
RT: 19.499 min Scan# 2802
Delta R.T. 0.001 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22

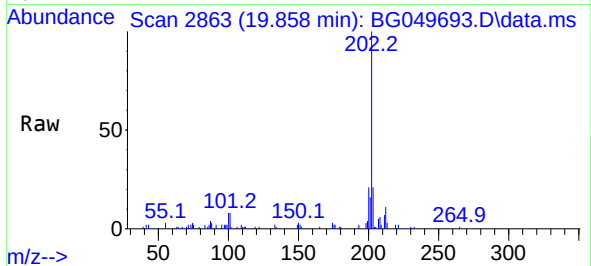
Tgt Ion:202 Resp: 25949
Ion Ratio Lower Upper
202 100
101 6.6 4.8 7.2
100 3.1 3.9 5.9#





#82
Pyrene
Concen: 1.858 ng/ul
RT: 19.858 min Scan# 2863
Delta R.T. -0.005 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22

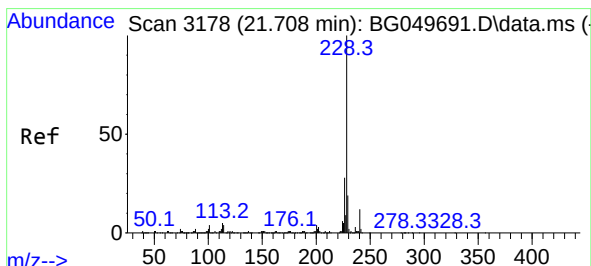
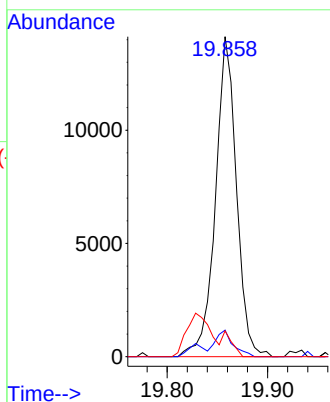
Instrument :
BNA_G
ClientSampled :
C0092



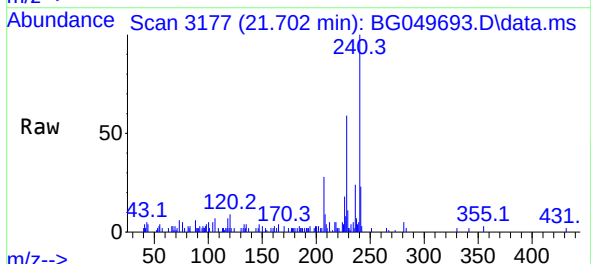
Tgt Ion:202 Resp: 20509
Ion Ratio Lower Upper
202 100
101 8.3 5.2 7.8#
100 8.1 4.8 7.2#

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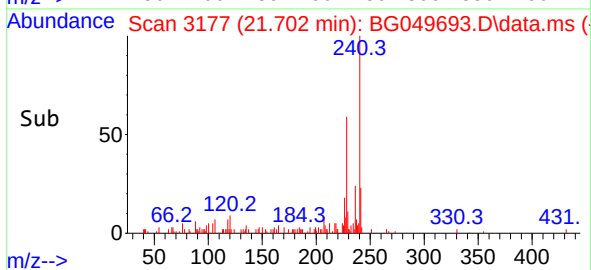
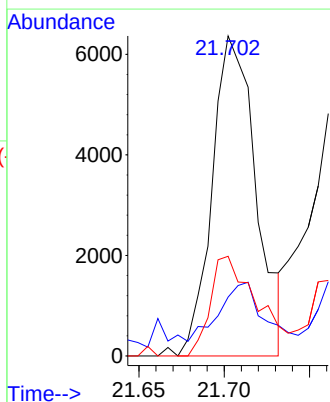
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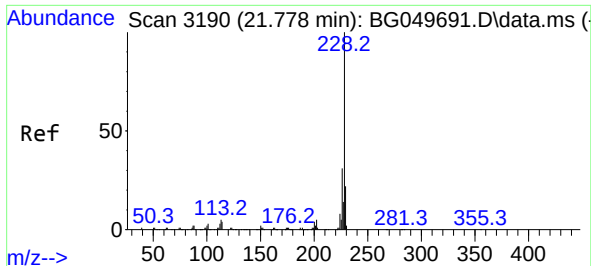


#85
Benzo(a)anthracene
Concen: 1.067 ng/ul
RT: 21.702 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22



Tgt Ion:228 Resp: 11401
Ion Ratio Lower Upper
228 100
229 18.4 15.3 22.9
226 31.1 21.0 31.6





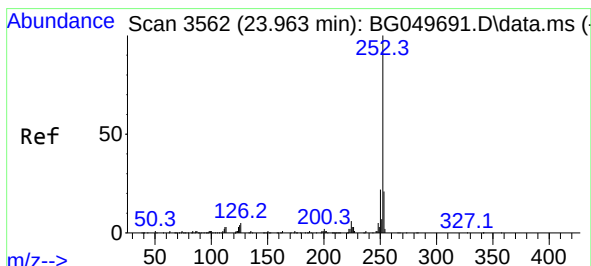
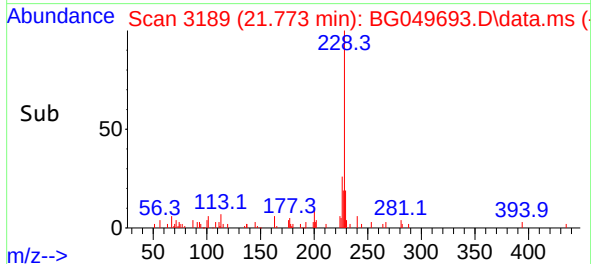
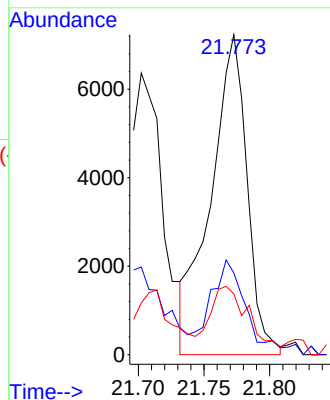
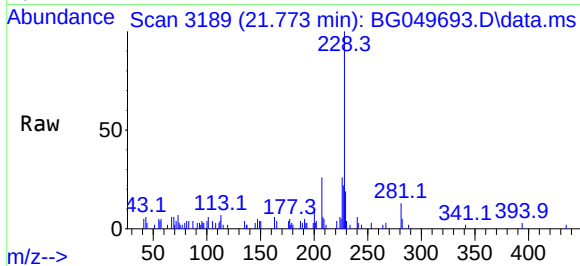
#87
Chrysene
Concen: 1.402 ng/ul
RT: 21.773 min Scan# 3189
Delta R.T. -0.005 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22

Tgt Ion:	228	Resp:	13991
Ion Ratio	Lower	Upper	
228	100		
226	25.6	24.7	37.1
229	19.0	15.4	23.2

Instrument :
BNA_G
ClientSampled :
C0092

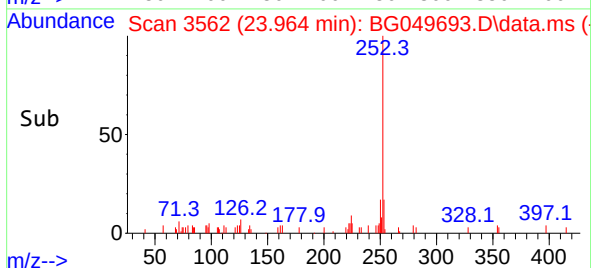
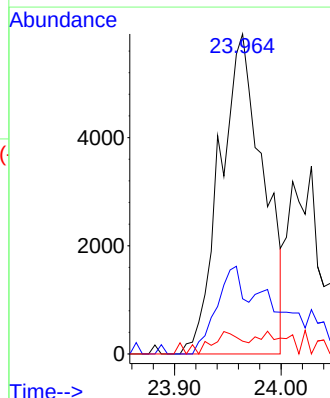
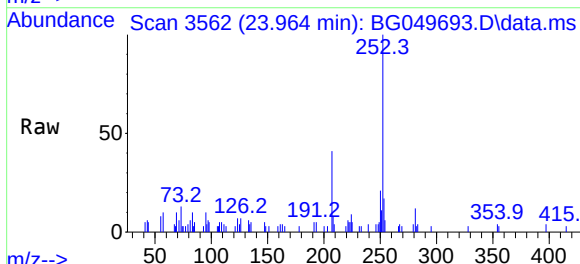
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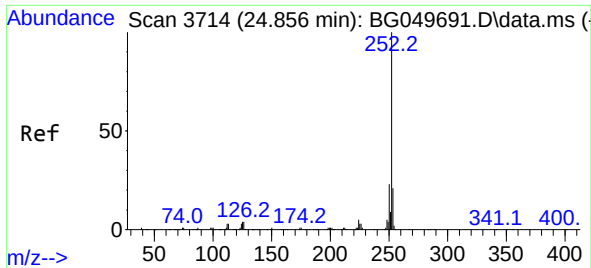
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#90
Benzo(b)fluoranthene
Concen: 1.527 ng/ul m
RT: 23.964 min Scan# 3562
Delta R.T. 0.007 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22

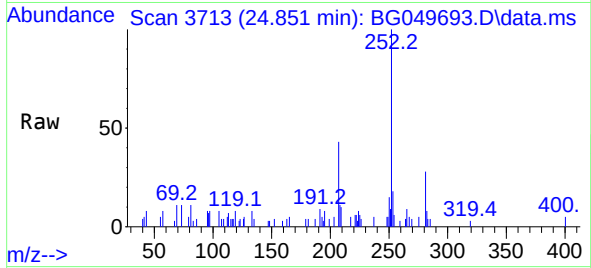
Tgt Ion:	252	Resp:	16651
Ion Ratio	Lower	Upper	
252	100		
253	17.2	17.4	26.2#
125	4.0	3.7	5.5





#93
Benzo(a)pyrene
Concen: 1.197 ng/ul m
RT: 24.851 min Scan# 3713
Delta R.T. 0.001 min
Lab File: BG049693.D
Acq: 7 Aug 2021 3:22

Instrument :
BNA_G
ClientSampled :
C0092



Tgt Ion:252 Resp: 11495
Ion Ratio Lower Upper
252 100
253 17.5 17.7 26.5#
125 0.0 4.6 7.0#

Manual Integrations
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