

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049493.D
 Acq On : 27 Jul 2021 00:55
 Operator : CG/JU
 Sample : M3082-21
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0019

Manual Integrations
 APPROVED

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Quant Time: Jul 27 02:51:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 26 11:36:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	23379	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	101383	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	75510	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	172165	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	155185	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	161316	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.432	96	1294	2.532	ng/uL	0.00
4) Pyridine-d5	3.866	84	9080m	6.186	ng/ul	0.01
7) Phenol-d5	7.203	99	29671	14.344	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.373	67	17882	15.264	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	22813	15.386	ng/ul	0.00
15) 4-Methylphenol-d8	8.760	113	23098	14.815	ng/ul	0.00
21) Nitrobenzene-d5	9.224	128	12177	15.622	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	13717	15.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	25693	15.466	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	21533	9.301	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	91352	15.793	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	105005	15.630	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	11235	11.795	ng/ul	0.01
60) Fluorene-d10	15.691	176	80559	16.167	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	9326	8.742	ng/ul	0.00
73) Anthracene-d10	17.548	188	125695	15.709	ng/ul	0.00
81) Pyrene-d10	19.833	212	135275	17.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	111065	13.099	ng/ul	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.495	178	24354	2.717	ng/ul#	96
80) Fluoranthene	19.498	202	49184	5.105	ng/ul#	97
82) Pyrene	19.862	202	37752	3.946	ng/ul	99
85) Benzo(a)anthracene	21.707	228	24454	2.577	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.601	149	10426	1.886	ng/ul#	87
87) Chrysene	21.771	228	26689	2.939	ng/ul	92
90) Benzo(b)fluoranthene	23.963	252	32243	3.189	ng/ul#	92
91) Benzo(k)fluoranthene	24.021	252	10132	1.024	ng/ul#	97
93) Benzo(a)pyrene	24.844	252	18435	2.102	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.738	276	15854m	1.417	ng/ul	

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

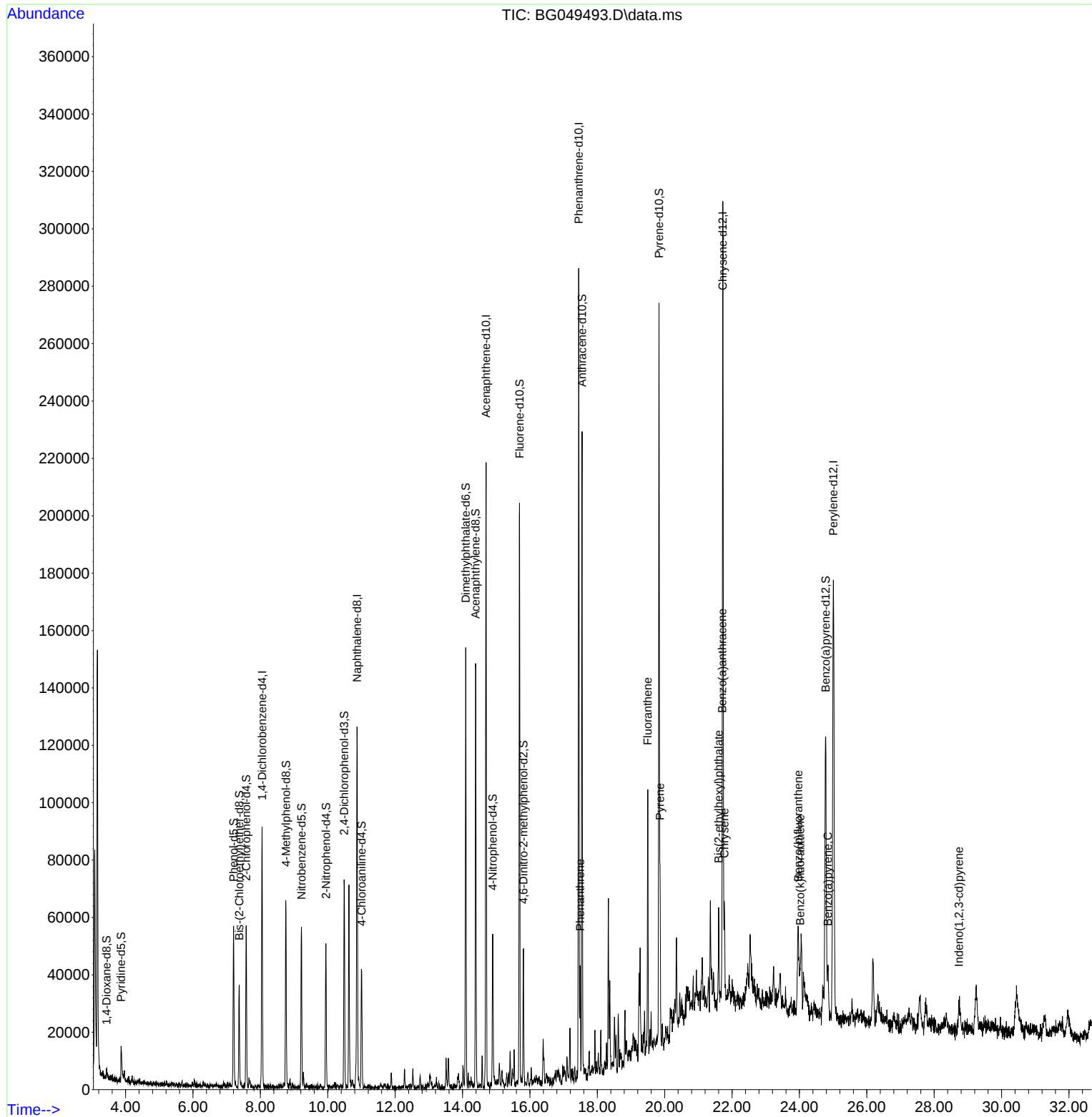
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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ALS Vial : 23 Sample Multiplier: 1

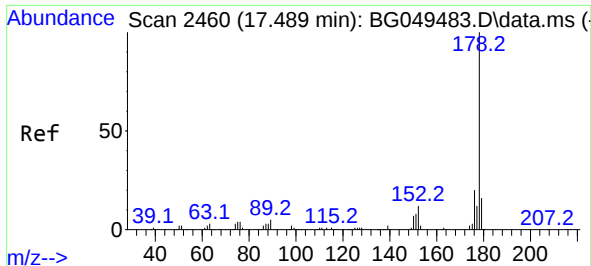
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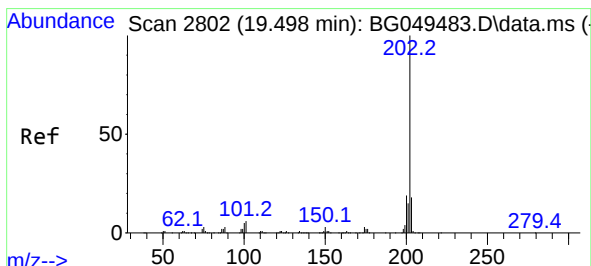
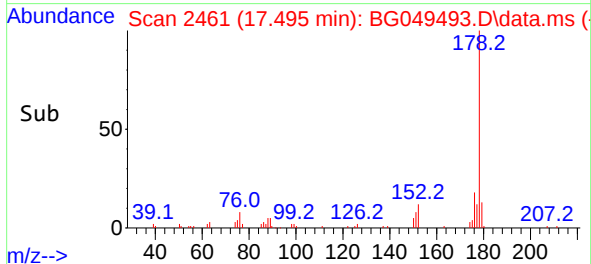
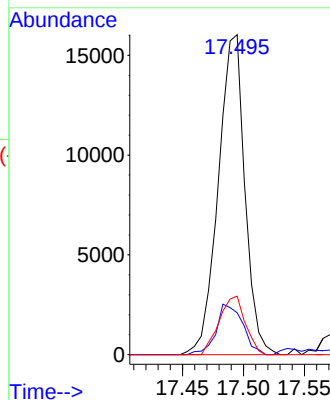
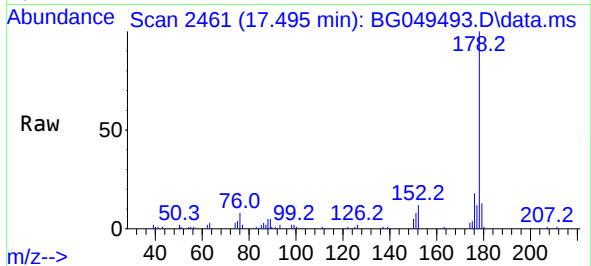
#72
Phenanthrene
Concen: 2.717 ng/u1
RT: 17.495 min Scan# 2461
Delta R.T. 0.005 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55

Tgt Ion:178 Resp: 24354
Ion Ratio Lower Upper
178 100
179 13.1 13.2 19.8#
176 18.3 15.0 22.6

Instrument :
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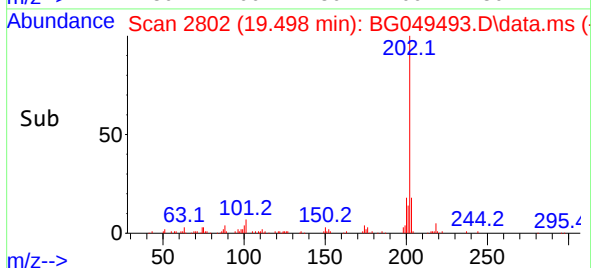
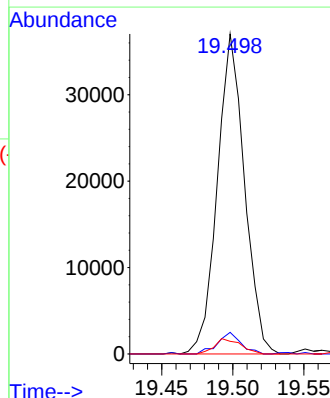
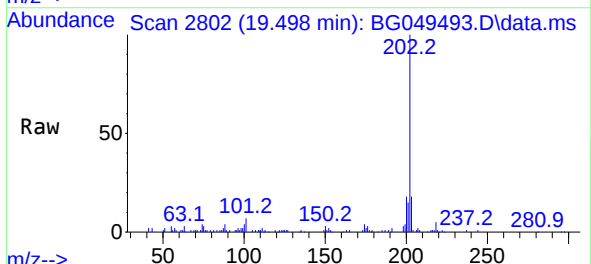
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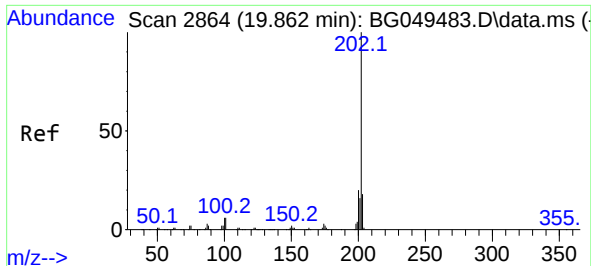
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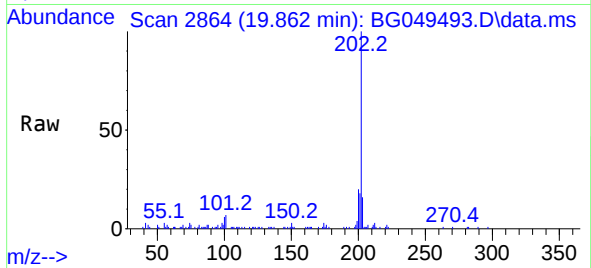
#80
Fluoranthene
Concen: 5.105 ng/u1
RT: 19.498 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55

Tgt Ion:202 Resp: 49184
Ion Ratio Lower Upper
202 100
101 6.7 4.3 6.5#
100 3.9 3.8 5.6

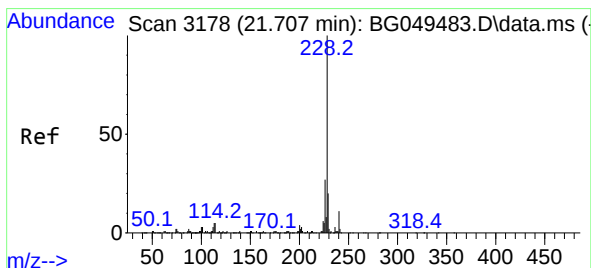
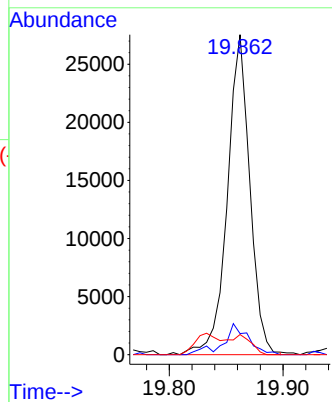
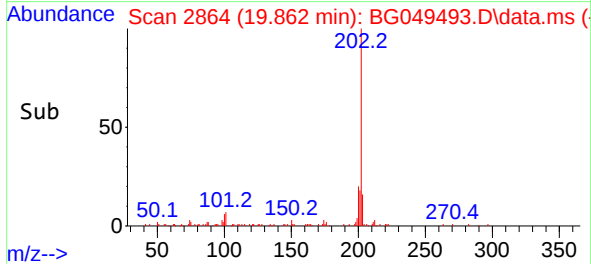




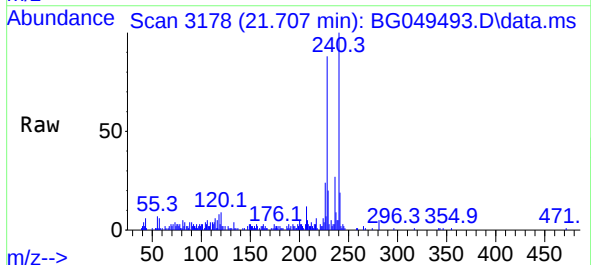
#82
Pyrene
Concen: 3.946 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55



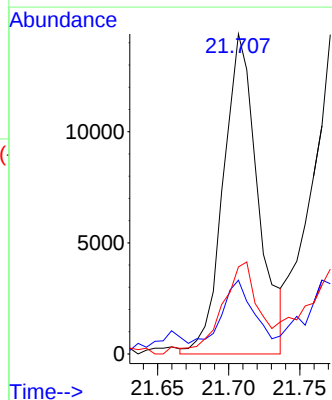
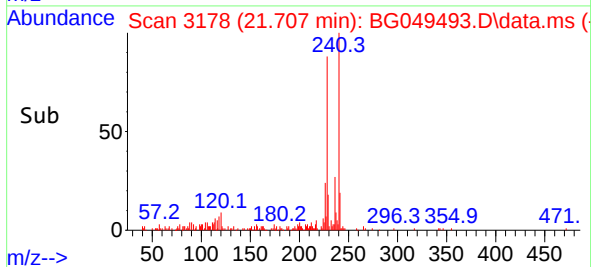
Tgt Ion:202 Resp: 37752
Ion Ratio Lower Upper
202 100
101 6.6 5.3 7.9
100 6.3 4.7 7.1



#85
Benzo(a)anthracene
Concen: 2.577 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55



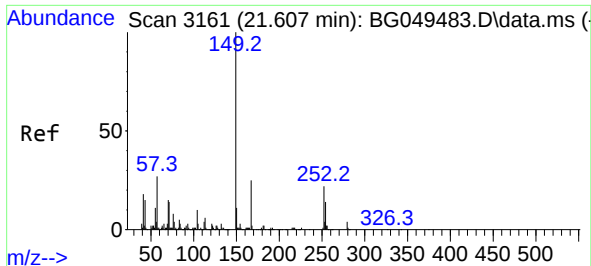
Tgt Ion:228 Resp: 24454
Ion Ratio Lower Upper
228 100
229 23.0 15.4 23.2
226 27.2 21.1 31.7



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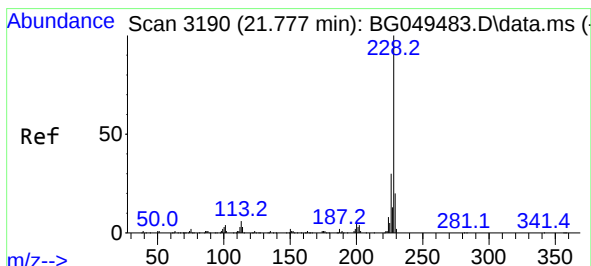
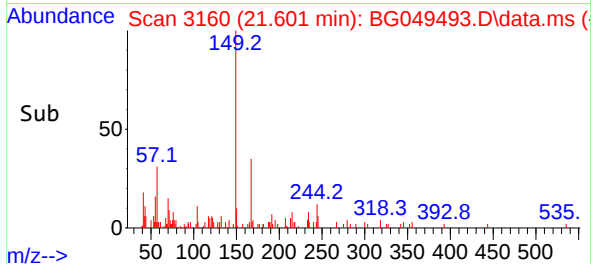
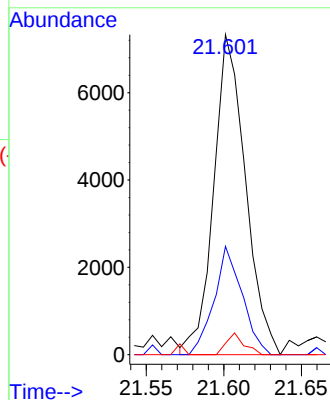
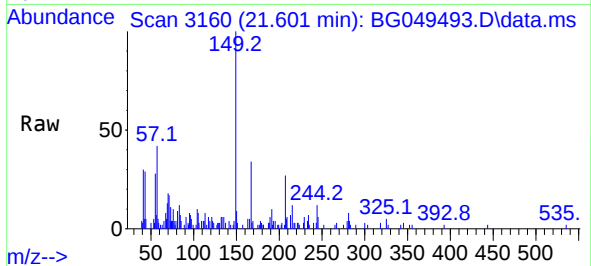
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.886 ng/ul
RT: 21.601 min Scan# 3160
Delta R.T. -0.001 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55

Tgt Ion:149 Resp: 10426
Ion Ratio Lower Upper
149 100
167 33.8 20.9 31.3#
279 3.6 3.6 5.4#

Instrument :
BNA_G
ClientSampled :
C0019

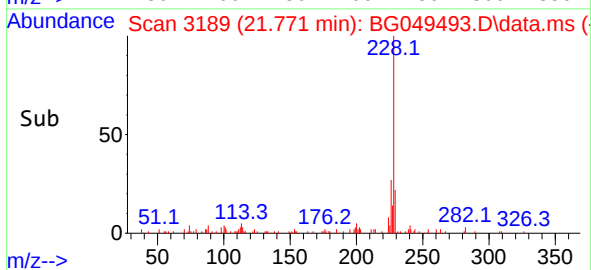
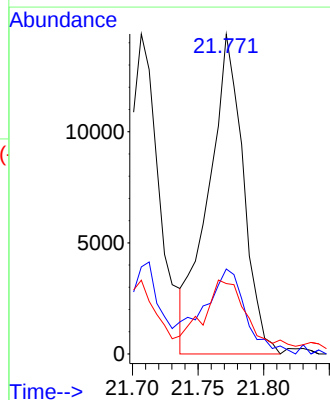
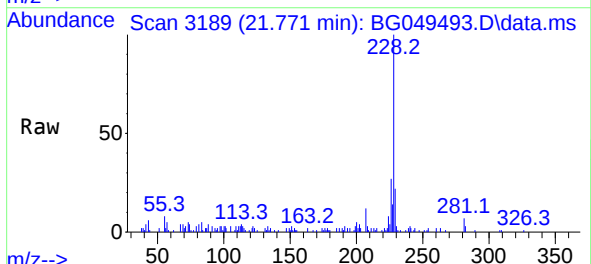
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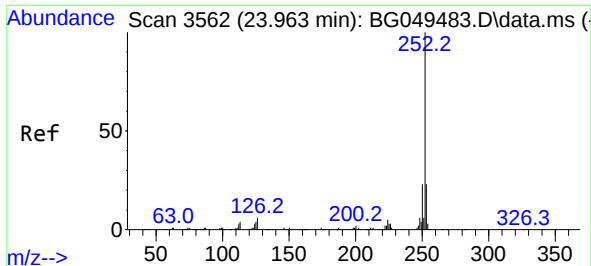
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#87
Chrysene
Concen: 2.939 ng/ul
RT: 21.771 min Scan# 3189
Delta R.T. -0.001 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55

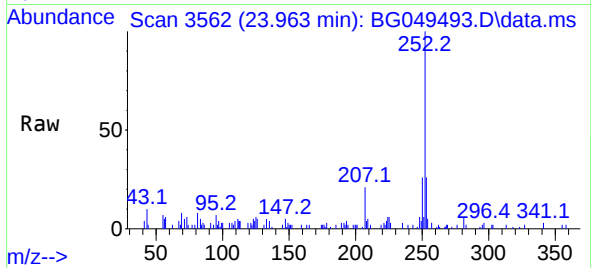
Tgt Ion:228 Resp: 26689
Ion Ratio Lower Upper
228 100
226 26.6 24.6 37.0
229 22.0 14.9 22.3





#90
Benzo(b)fluoranthene
Concen: 3.189 ng/ul
RT: 23.963 min Scan# 3562
Delta R.T. 0.005 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55

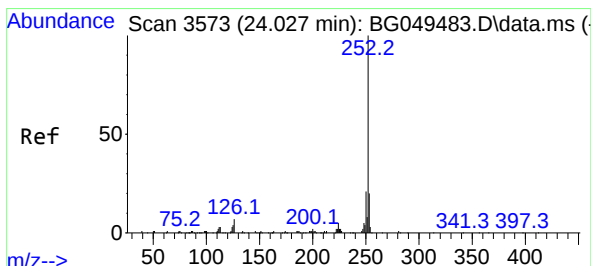
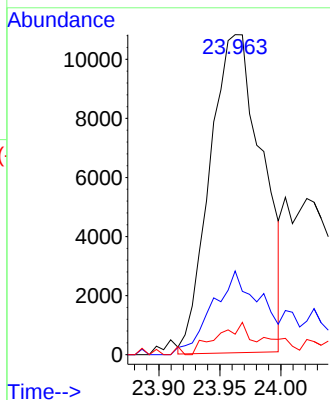
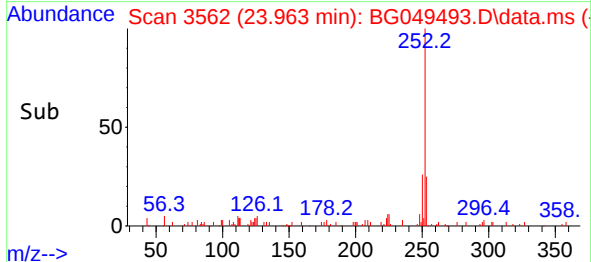
Instrument :
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ClientSampled :
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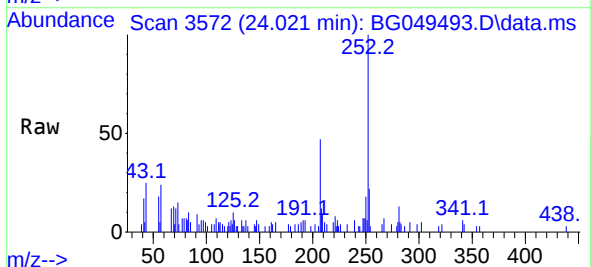
Tgt Ion:252 Resp: 32243
Ion Ratio Lower Upper
252 100
253 26.1 17.1 25.7#
125 6.4 4.5 6.7

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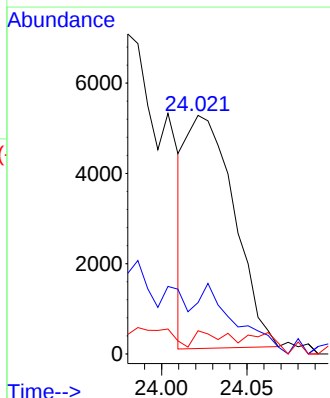
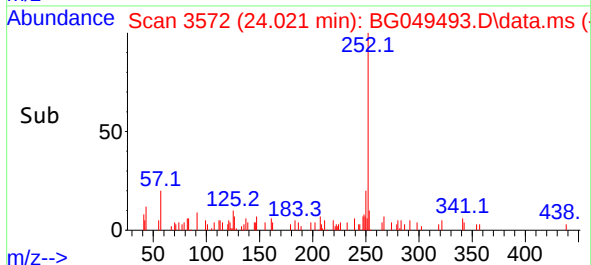
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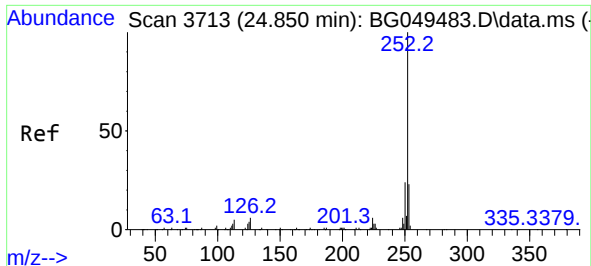


#91
Benzo(k)fluoranthene
Concen: 1.024 ng/ul
RT: 24.021 min Scan# 3572
Delta R.T. -0.001 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55



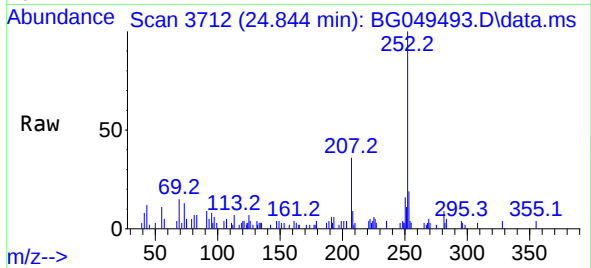
Tgt Ion:252 Resp: 10132
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.7 4.6 7.0#





#93
Benzo(a)pyrene
Concen: 2.102 ng/ul
RT: 24.844 min Scan# 3712
Delta R.T. 0.005 min
Lab File: BG049493.D
Acq: 27 Jul 2021 00:55

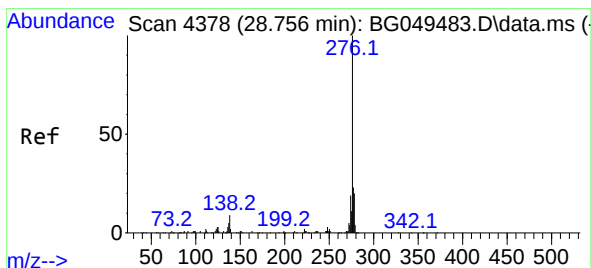
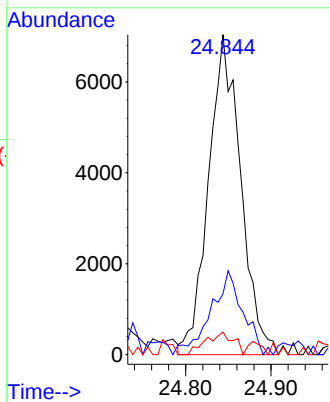
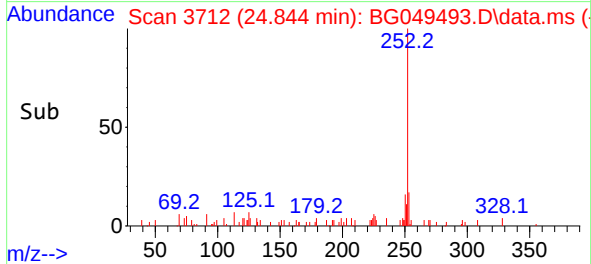
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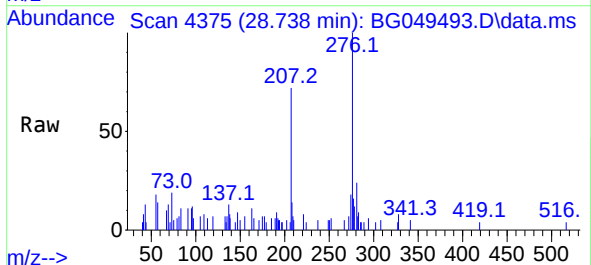
Tgt Ion:252 Resp: 18435
Ion Ratio Lower Upper
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253 19.1 16.4 24.6
125 7.0 4.6 6.8#

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.417 ng/ul m
RT: 28.738 min Scan# 4375
Delta R.T. -0.001 min
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Tgt Ion:276 Resp: 15854
Ion Ratio Lower Upper
276 100
138 7.7 7.3 10.9
277 16.4 19.2 28.8#

