

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049492.D
 Acq On : 27 Jul 2021 00:14
 Operator : CG/JU
 Sample : M3082-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0005

Manual Integrations
 APPROVED

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Quant Time: Jul 27 02:50:52 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	8.049	152	26064	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	105968	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	80169	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	174404	20.000	ng/ul	0.00
79) Chrysene-d12	21.725	240	155530	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	163492	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	961	1.687	ng/uL	0.00
4) Pyridine-d5	3.873	84	4873m	2.978	ng/ul	0.02
7) Phenol-d5	7.204	99	22899	9.930	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.368	67	15018	11.499	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	18088	10.943	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	17369	9.993	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	10312	12.657	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	10996	11.518	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	19776	11.389	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	18943	7.828	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	72291	11.772	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	85744	12.021	ng/ul	0.00
54) 4-Nitrophenol-d4	14.899	143	6657	6.583	ng/ul	0.01
60) Fluorene-d10	15.692	176	73959	13.979	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	6609m	6.115	ng/ul	0.00
73) Anthracene-d10	17.548	188	101563	12.530	ng/ul	0.00
81) Pyrene-d10	19.834	212	101663	12.783	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264	80143	9.327	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.490	178	21233	2.339	ng/ul	96
80) Fluoranthene	19.499	202	77442	8.020	ng/ul#	95
82) Pyrene	19.863	202	61701	6.436	ng/ul#	96
85) Benzo(a)anthracene	21.707	228	39958	4.202	ng/ul	99
87) Chrysene	21.772	228	37625m	4.134	ng/ul	
90) Benzo(b)fluoranthene	23.963	252	59644m	5.820	ng/ul	
91) Benzo(k)fluoranthene	24.022	252	18881	1.883	ng/ul#	99
93) Benzo(a)pyrene	24.844	252	24458	2.751	ng/ul#	85
94) Indeno(1,2,3-cd)pyrene	28.733	276	23321m	2.056	ng/ul	

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

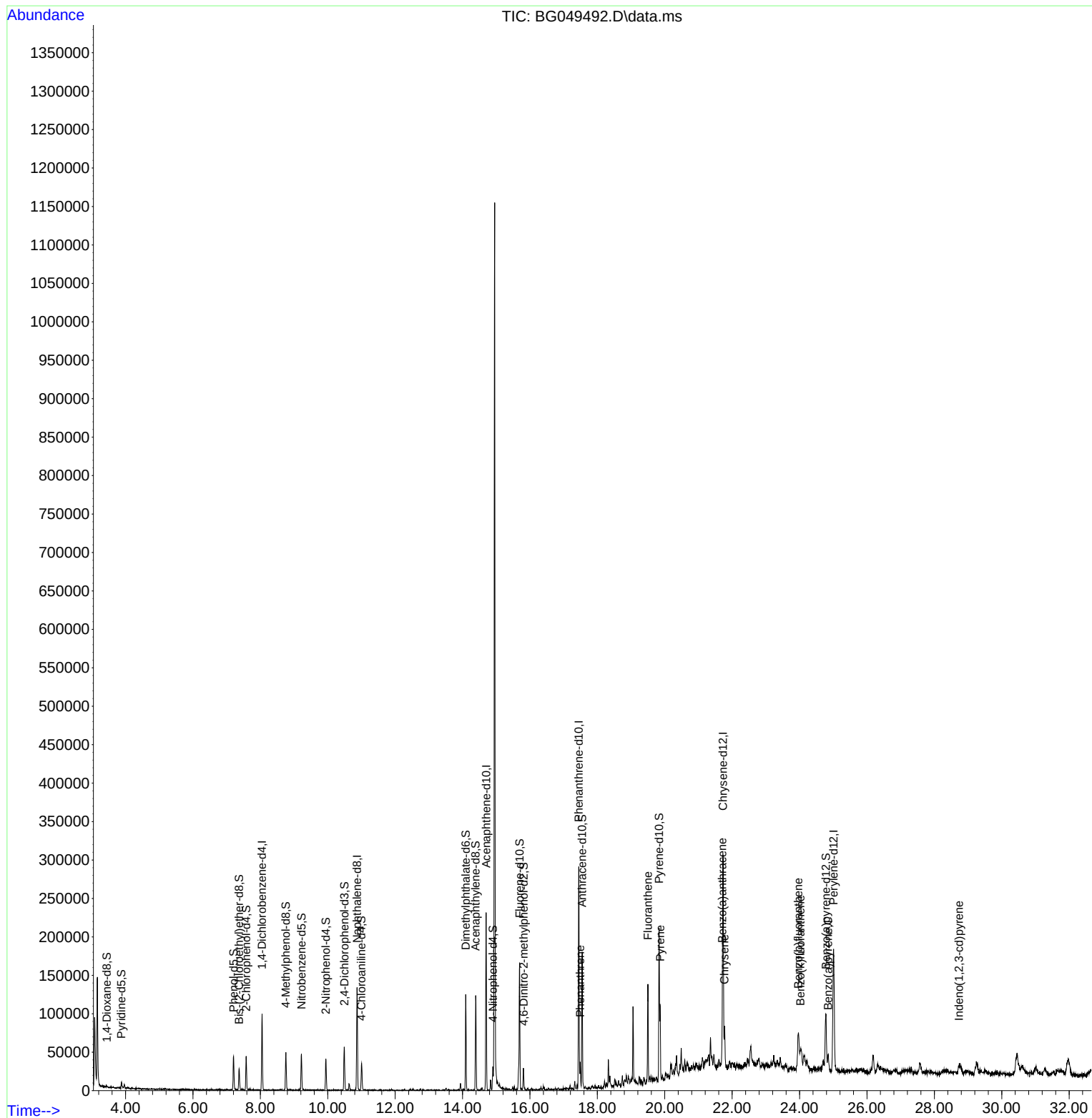
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Acq On : 27 Jul 2021 00:14
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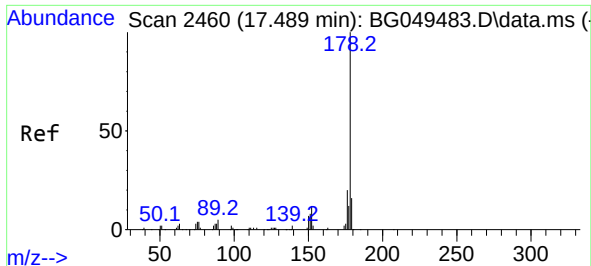
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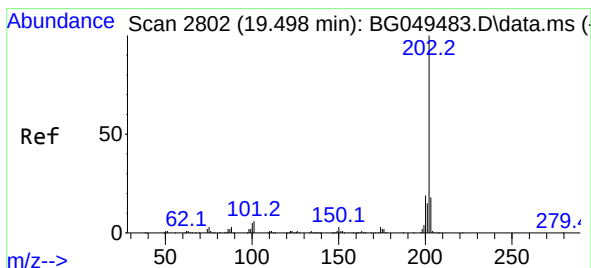
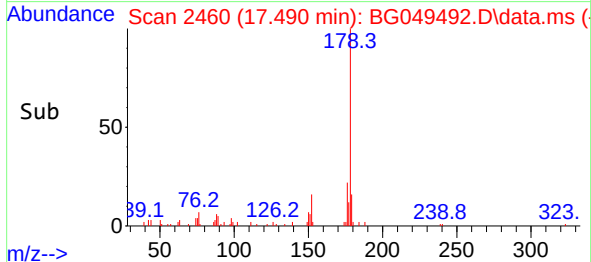
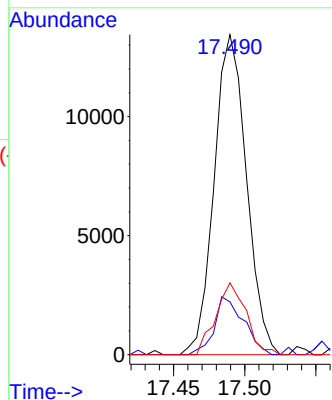
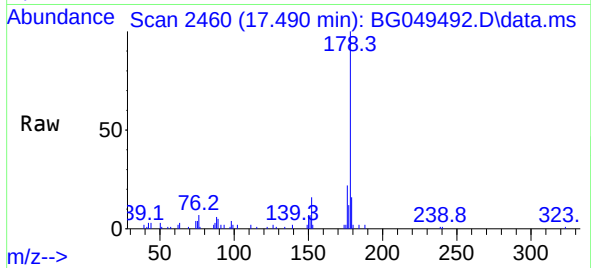
#72
Phenanthrene
Concen: 2.339 ng/ul
RT: 17.490 min Scan# 2460
Delta R.T. 0.000 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

Tgt Ion:	178	Resp:	21233
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.2	19.8
176	22.5	15.0	22.6

Instrument :
BNA_G
ClientSampled :
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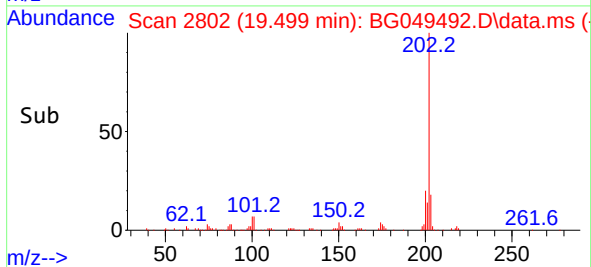
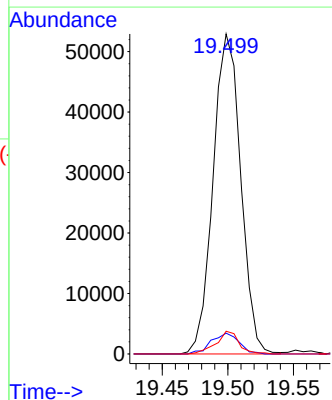
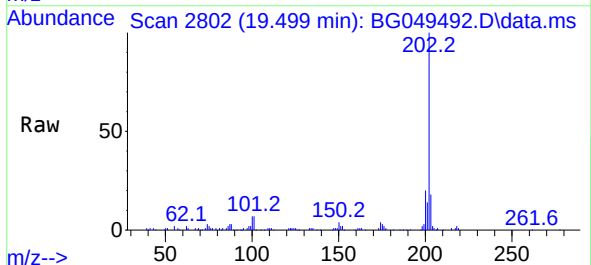
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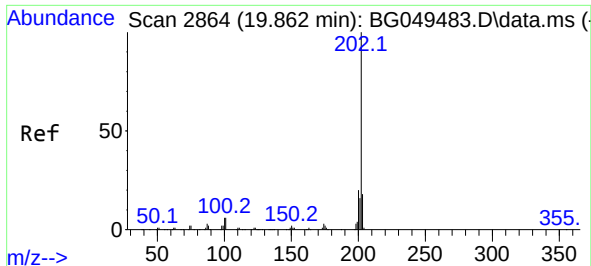
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#80
Fluoranthene
Concen: 8.020 ng/ul
RT: 19.499 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

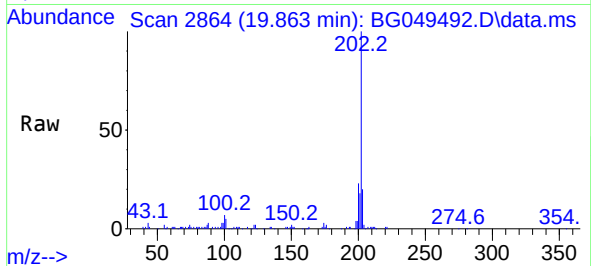
Tgt Ion:	202	Resp:	77442
Ion Ratio	Lower	Upper	
202	100		
101	6.5	4.3	6.5#
100	7.1	3.8	5.6#





#82
Pyrene
Concen: 6.436 ng/ul
RT: 19.863 min Scan# 2864
Delta R.T. 0.000 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

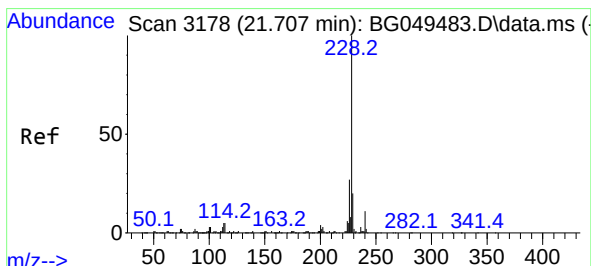
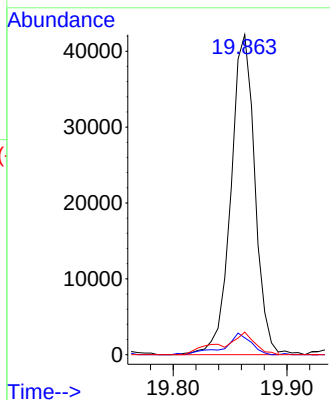
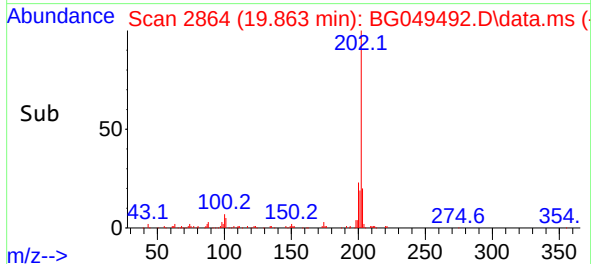
Instrument :
BNA_G
ClientSampled :
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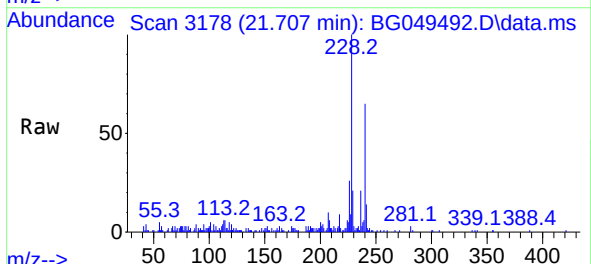
Tgt Ion:202 Resp: 61701
Ion Ratio Lower Upper
202 100
101 5.3 5.3 7.9#
100 7.0 4.7 7.1

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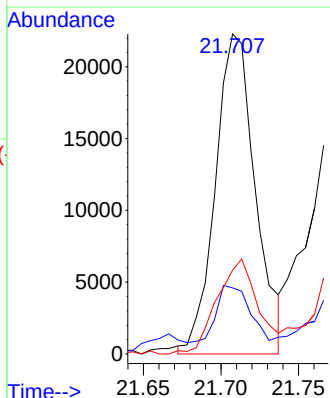
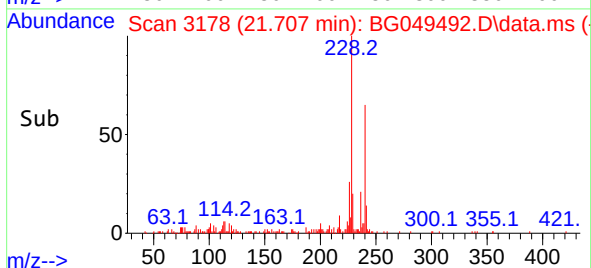
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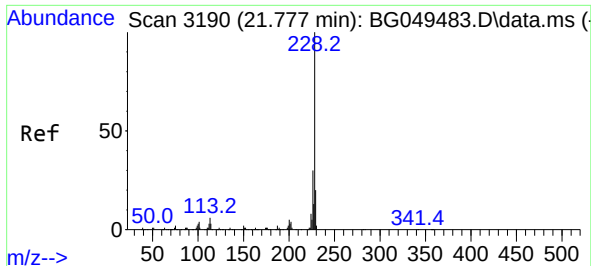


#85
Benzo(a)anthracene
Concen: 4.202 ng/ul
RT: 21.707 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14



Tgt Ion:228 Resp: 39958
Ion Ratio Lower Upper
228 100
229 20.7 15.4 23.2
226 26.2 21.1 31.7





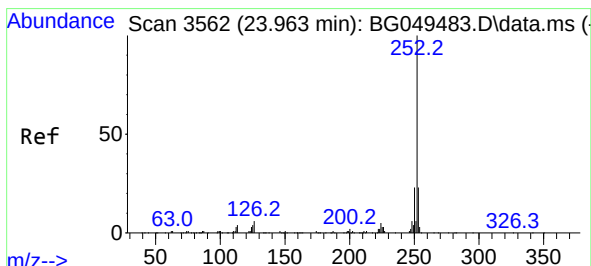
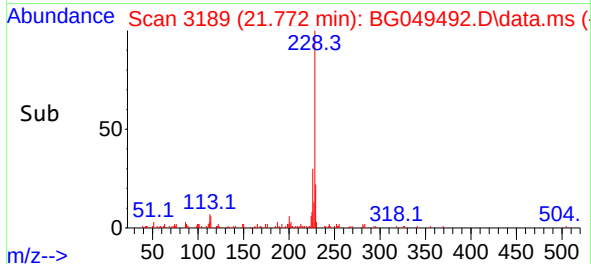
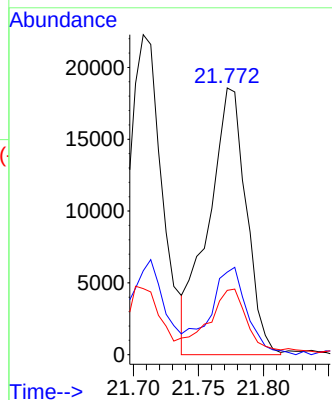
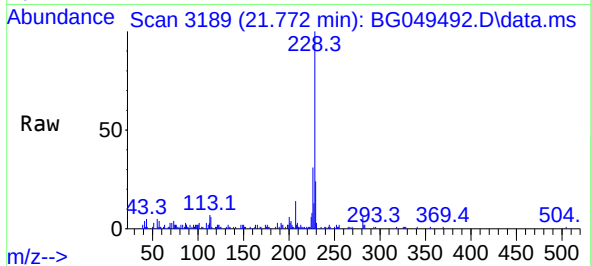
#87
Chrysene
Concen: 4.134 ng/ul m
RT: 21.772 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

Tgt Ion:	228	Resp:	37625
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.6	37.0
229	24.1	14.9	22.3#

Instrument :
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ClientSampled :
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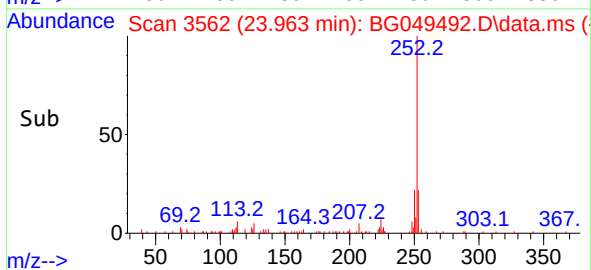
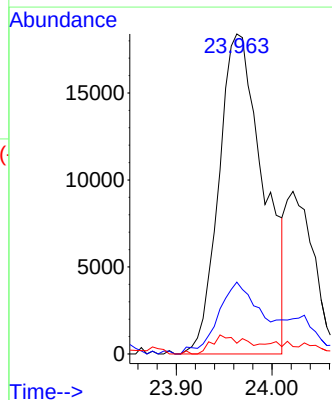
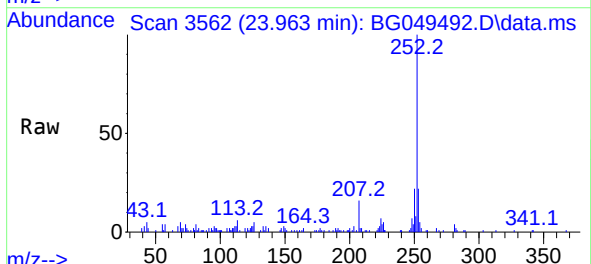
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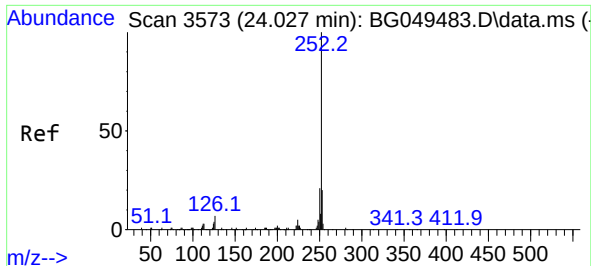
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#90
Benzo(b)fluoranthene
Concen: 5.820 ng/ul m
RT: 23.963 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

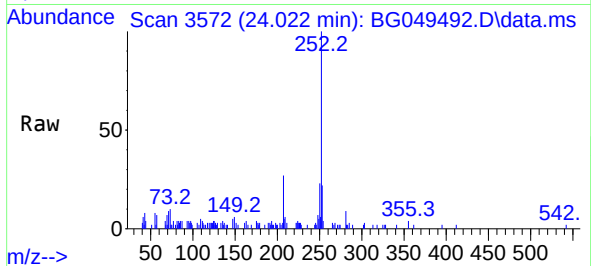
Tgt Ion:	252	Resp:	59644
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	3.4	4.5	6.7#





#91
Benzo(k)fluoranthene
Concen: 1.883 ng/u1
RT: 24.022 min Scan# 3572
Delta R.T. 0.000 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

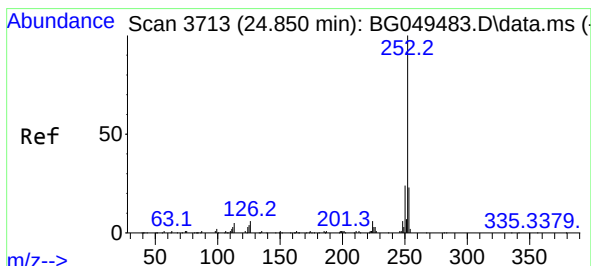
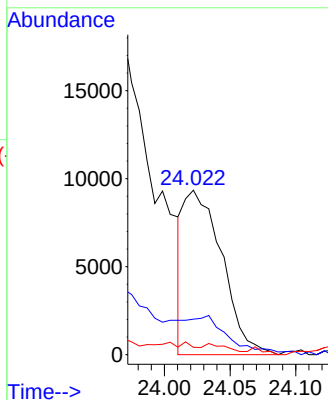
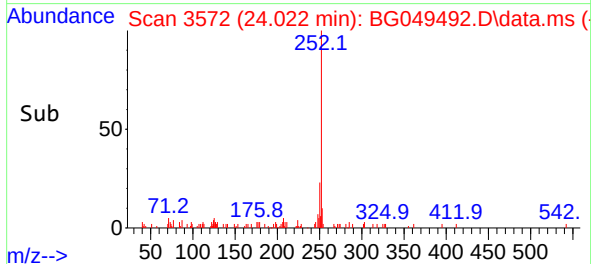
Instrument :
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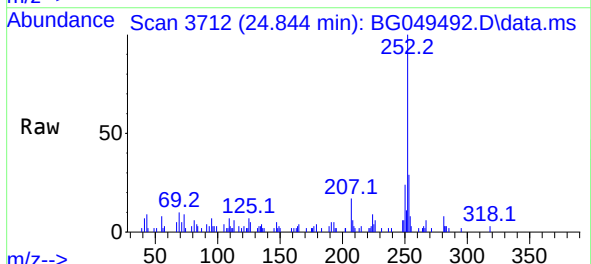
Tgt Ion:252 Resp: 18881
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 4.5 4.6 7.0#

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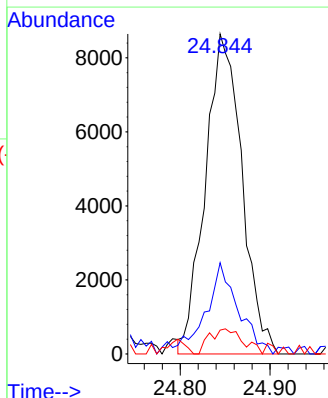
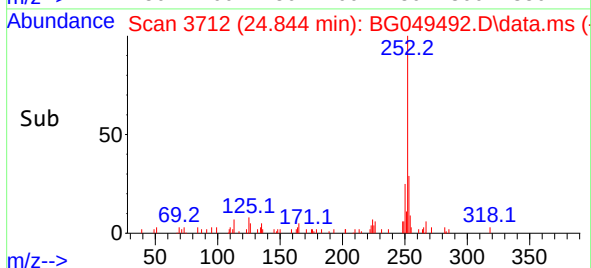
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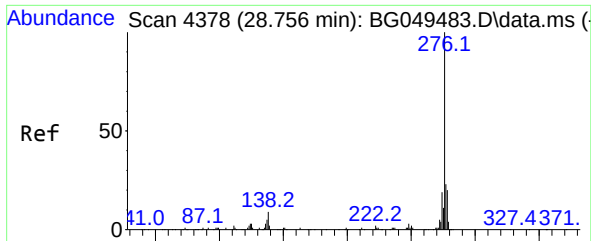


#93
Benzo(a)pyrene
Concen: 2.751 ng/u1
RT: 24.844 min Scan# 3712
Delta R.T. 0.006 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14

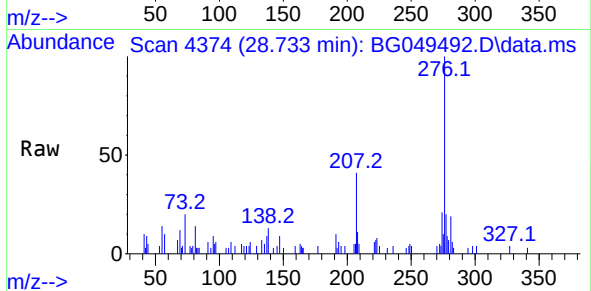


Tgt Ion:252 Resp: 24458
Ion Ratio Lower Upper
252 100
253 28.5 16.4 24.6#
125 7.5 4.6 6.8#

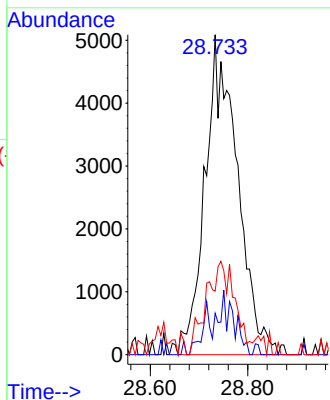
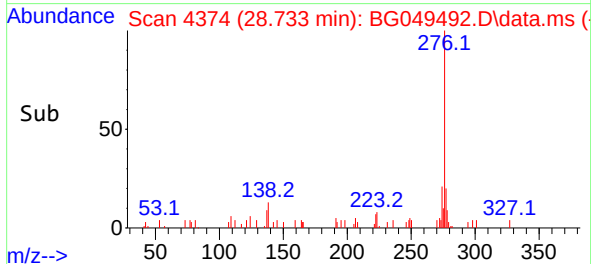




#94
Indeno(1,2,3-cd)pyrene
Concen: 2.056 ng/ul m
RT: 28.733 min Scan# 4374
Delta R.T. -0.006 min
Lab File: BG049492.D
Acq: 27 Jul 2021 00:14



Tgt Ion: 276 Resp: 23321
Ion Ratio Lower Upper
276 100
138 12.9 7.3 10.9#
277 19.8 19.2 28.8



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