

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049490.D
 Acq On : 26 Jul 2021 22:51
 Operator : CG/JU
 Sample : M3082-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0013

Manual Integrations
 APPROVED

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Quant Time: Jul 27 02:50:30 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	8.048	152	21857	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	94196	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	70224	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	153917	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	132842	20.000	ng/ul	0.00
88) Perylene-d12	25.007	264	142469	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	893	1.869	ng/uL	-0.01
4) Pyridine-d5	3.877	84	5879	4.284	ng/ul	0.02
7) Phenol-d5	7.202	99	21456	11.095	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.372	67	14002	12.784	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	16584	11.964	ng/ul	0.00
15) 4-Methylphenol-d8	8.759	113	17482	11.993	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	9690	13.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	10732	12.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	17320	11.221	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	21464	9.978	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	68038	12.648	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	79880	12.785	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	9237	10.427	ng/ul	0.01
60) Fluorene-d10	15.691	176	64525	13.924	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	6236	6.538	ng/ul	0.00
73) Anthracene-d10	17.547	188	100320	14.024	ng/ul	0.00
81) Pyrene-d10	19.832	212	100493	14.794	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.778	264	76005	10.150	ng/ul	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.488	178	20497	2.558	ng/ul	98
80) Fluoranthene	19.497	202	44489	5.394	ng/ul#	97
82) Pyrene	19.861	202	31626	3.862	ng/ul	98
85) Benzo(a)anthracene	21.706	228	20193	2.486	ng/ul	96
87) Chrysene	21.776	228	19446	2.501	ng/ul#	93
90) Benzo(b)fluoranthene	23.956	252	28053	3.142	ng/ul#	89
91) Benzo(k)fluoranthene	24.021	252	11698	1.339	ng/ul#	91
93) Benzo(a)pyrene	24.843	252	12197m	1.574	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.738	276	12543m	1.269	ng/ul	

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

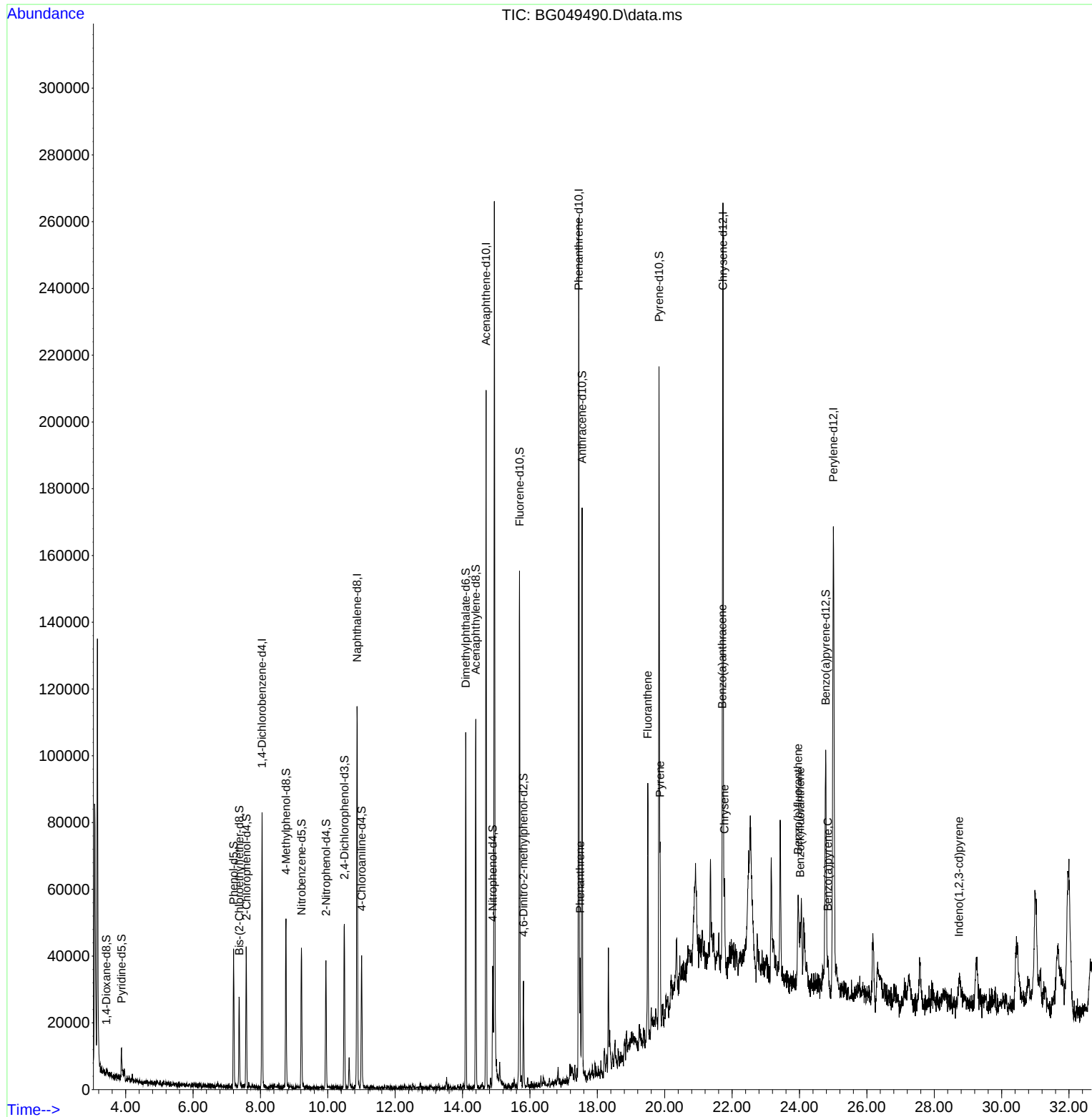
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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ALS Vial : 20 Sample Multiplier: 1

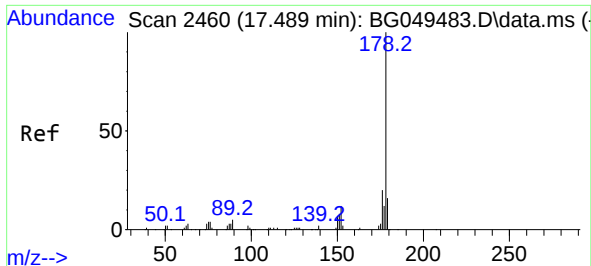
Instrument :
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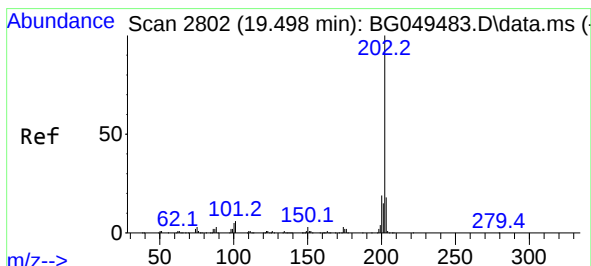
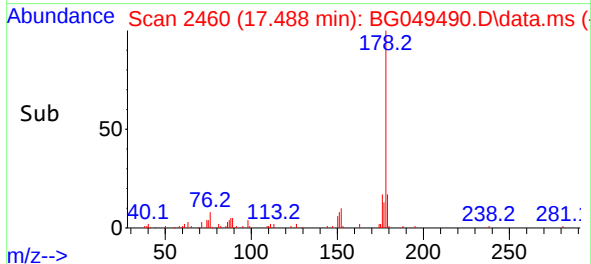
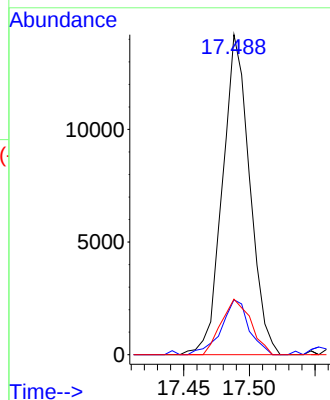
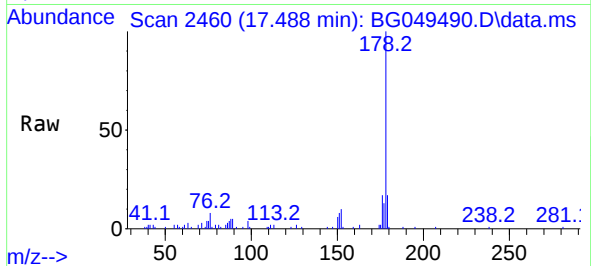
#72
Phenanthrene
Concen: 2.558 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51

Tgt Ion:	178	Resp:	20497
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.2	19.8
176	17.4	15.0	22.6

Instrument :
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ClientSampled :
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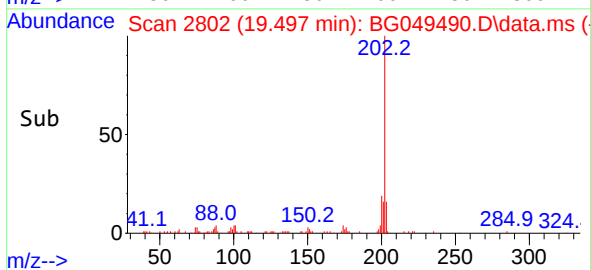
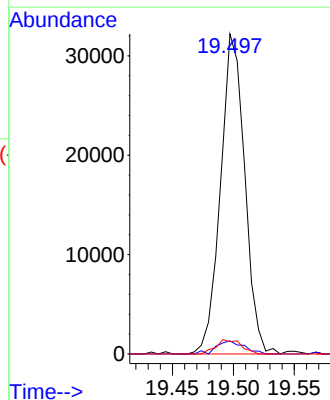
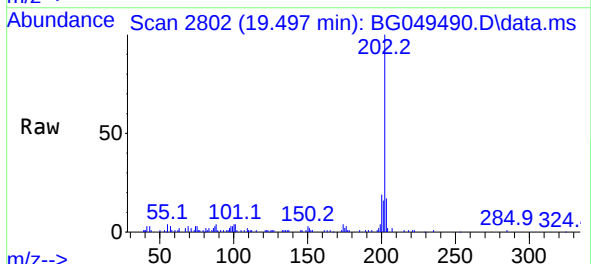
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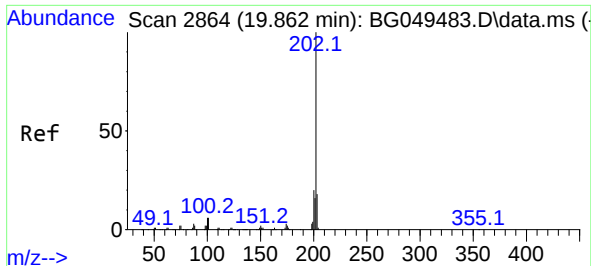
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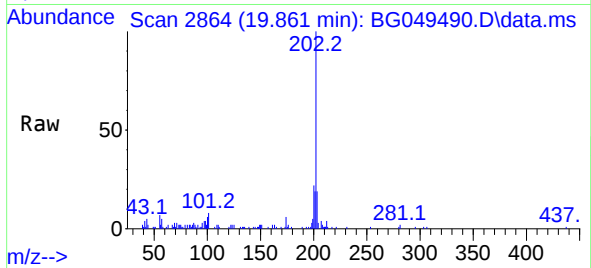
#80
Fluoranthene
Concen: 5.394 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51

Tgt Ion:	202	Resp:	44489
Ion Ratio	Lower	Upper	
202	100		
101	4.1	4.3	6.5#
100	3.8	3.8	5.6

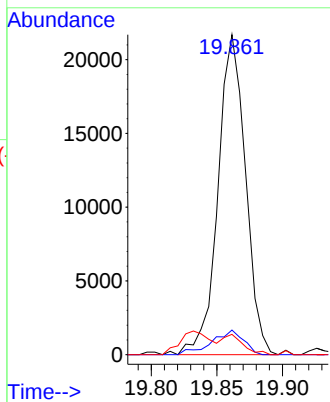
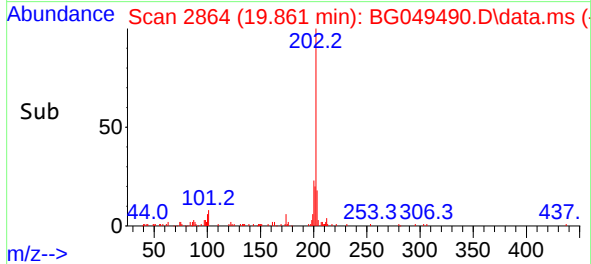




#82
Pyrene
Concen: 3.862 ng/ul
RT: 19.861 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51



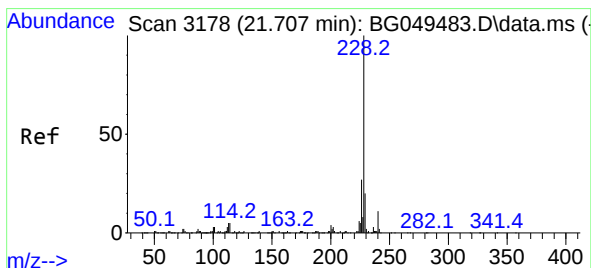
Tgt Ion:202 Resp: 31626
Ion Ratio Lower Upper
202 100
101 7.7 5.3 7.9
100 6.3 4.7 7.1



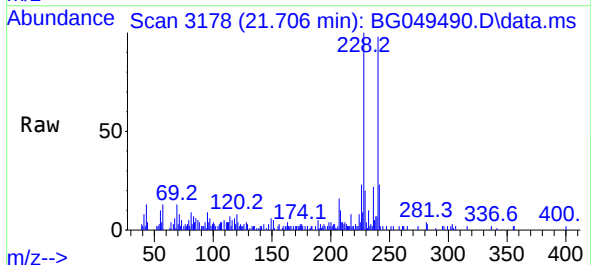
Instrument :
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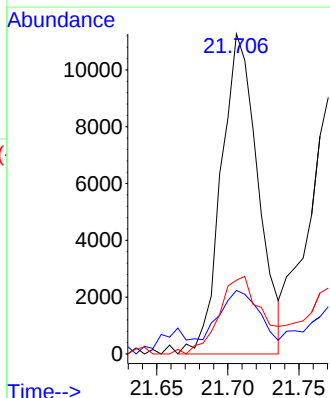
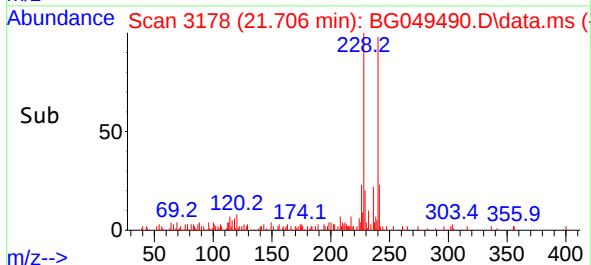
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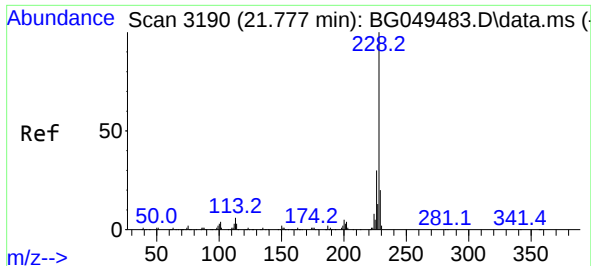


#85
Benzo(a)anthracene
Concen: 2.486 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51



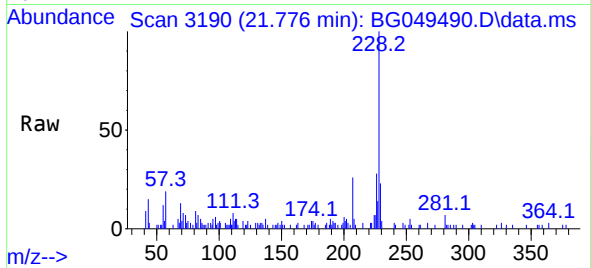
Tgt Ion:228 Resp: 20193
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 23.0 21.1 31.7





#87
Chrysene
Concen: 2.501 ng/u1
RT: 21.776 min Scan# 3190
Delta R.T. 0.005 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51

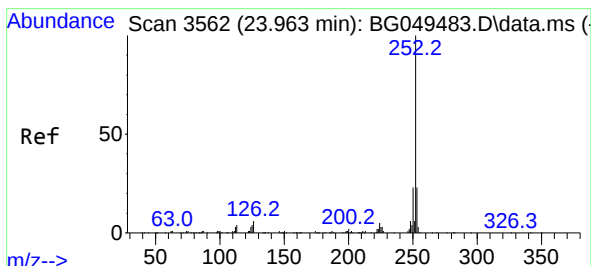
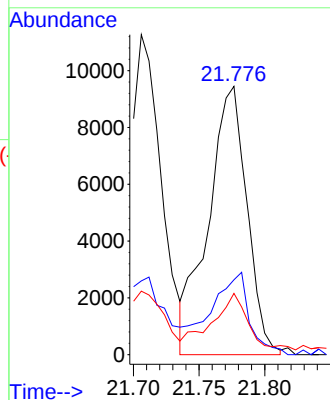
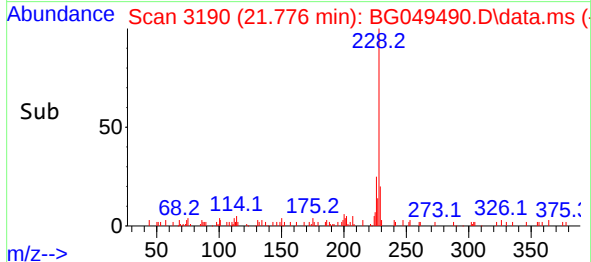
Instrument :
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ClientSampled :
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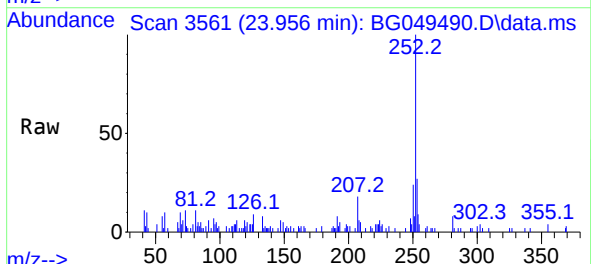
Tgt Ion:228 Resp: 19446
Ion Ratio Lower Upper
228 100
226 27.9 24.6 37.0
229 22.8 14.9 22.3#

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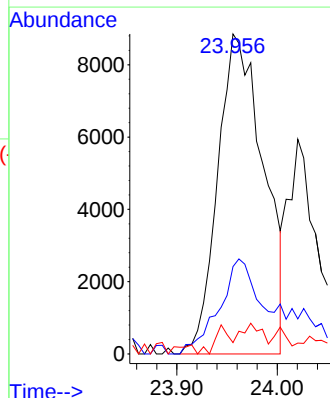
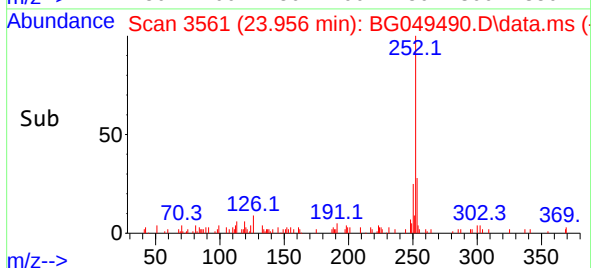
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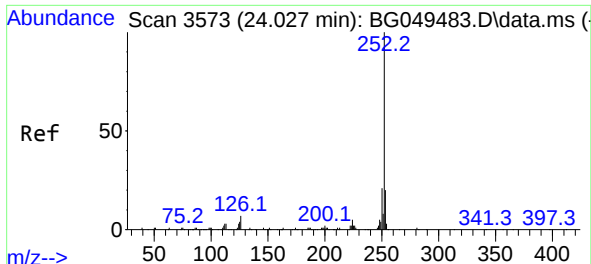


#90
Benzo(b)fluoranthene
Concen: 3.142 ng/u1
RT: 23.956 min Scan# 3561
Delta R.T. -0.001 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51



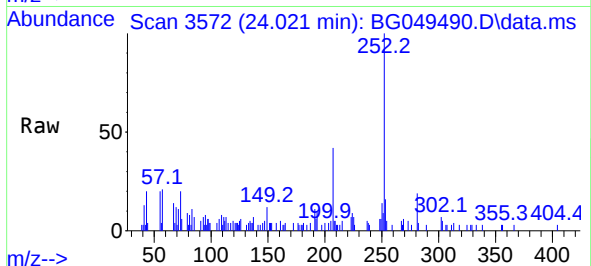
Tgt Ion:252 Resp: 28053
Ion Ratio Lower Upper
252 100
253 27.3 17.1 25.7#
125 3.5 4.5 6.7#





#91
Benzo(k)fluoranthene
Concen: 1.339 ng/ul
RT: 24.021 min Scan# 3572
Delta R.T. -0.001 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51

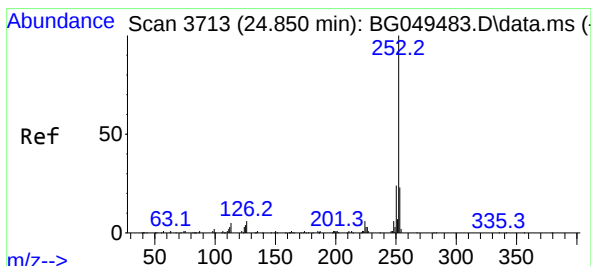
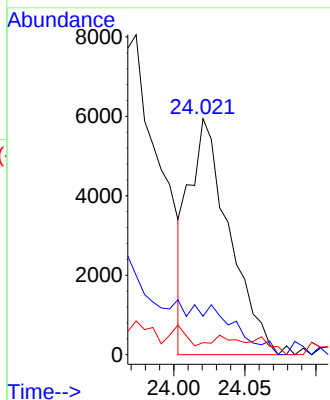
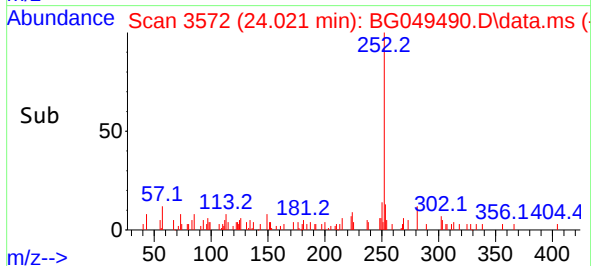
Instrument :
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ClientSampled :
C0013



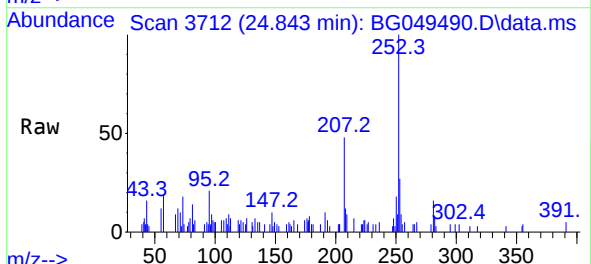
Tgt Ion:252 Resp: 11698
Ion Ratio Lower Upper
252 100
253 16.3 17.3 25.9#
125 5.1 4.6 7.0

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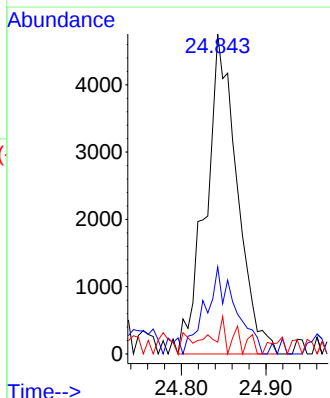
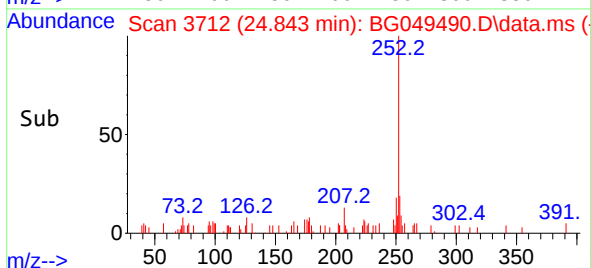
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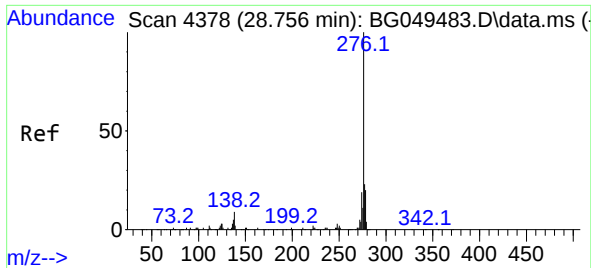


#93
Benzo(a)pyrene
Concen: 1.574 ng/ul m
RT: 24.843 min Scan# 3712
Delta R.T. 0.005 min
Lab File: BG049490.D
Acq: 26 Jul 2021 22:51



Tgt Ion:252 Resp: 12197
Ion Ratio Lower Upper
252 100
253 27.2 16.4 24.6#
125 3.7 4.6 6.8#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.269 ng/ul m
RT: 28.738 min Scan# 4375
Delta R.T. -0.001 min
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Tgt Ion: 276 Resp: 12543
Ion Ratio Lower Upper
276 100
138 6.6 7.3 10.9#
277 22.7 19.2 28.8

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