

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049487.D
 Acq On : 26 Jul 2021 20:47
 Operator : CG/JU
 Sample : M3082-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0010

Manual Integrations
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Quant Time: Jul 27 02:49:47 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	23868	20.000	ng/ul	0.00
20) Naphthalene-d8	10.867	136	101361	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	75834	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	168815	20.000	ng/ul	0.00
79) Chrysene-d12	21.729	240	152023	20.000	ng/ul	0.00
88) Perylene-d12	25.007	264	161130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.430	96	900	1.725	ng/uL	0.00
4) Pyridine-d5	3.877	84	5876	3.921	ng/ul	0.02
7) Phenol-d5	7.202	99	23573	11.163	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	15525	12.981	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	19223	12.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	17742	11.146	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	9948	12.765	ng/ul	0.00
24) 2-Nitrophenol-d4	9.945	143	12700	13.907	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	21051	12.675	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	21041	9.090	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	78037	13.434	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	89160	13.215	ng/ul	0.00
54) 4-Nitrophenol-d4	14.897	143	9347	9.771	ng/ul	0.01
60) Fluorene-d10	15.690	176	70680	14.123	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.808	200	9078	8.678	ng/ul	0.00
73) Anthracene-d10	17.547	188	105936	13.502	ng/ul	0.00
81) Pyrene-d10	19.832	212	111372	14.327	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.772	264	91031	10.749	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.914	128	5437	1.041	ng/ul	98
72) Phenanthrene	17.488	178	39723	4.520	ng/ul	98
80) Fluoranthene	19.497	202	54669	5.792	ng/ul#	97
82) Pyrene	19.861	202	39555	4.221	ng/ul#	97
85) Benzo(a)anthracene	21.706	228	26430	2.844	ng/ul	97
87) Chrysene	21.776	228	27926	3.139	ng/ul#	91
90) Benzo(b)fluoranthene	23.956	252	30358	3.006	ng/ul	92
91) Benzo(k)fluoranthene	24.003	252	13390m	1.355	ng/ul	
93) Benzo(a)pyrene	24.837	252	15009	1.713	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	28.726	276	13642m	1.220	ng/ul	

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

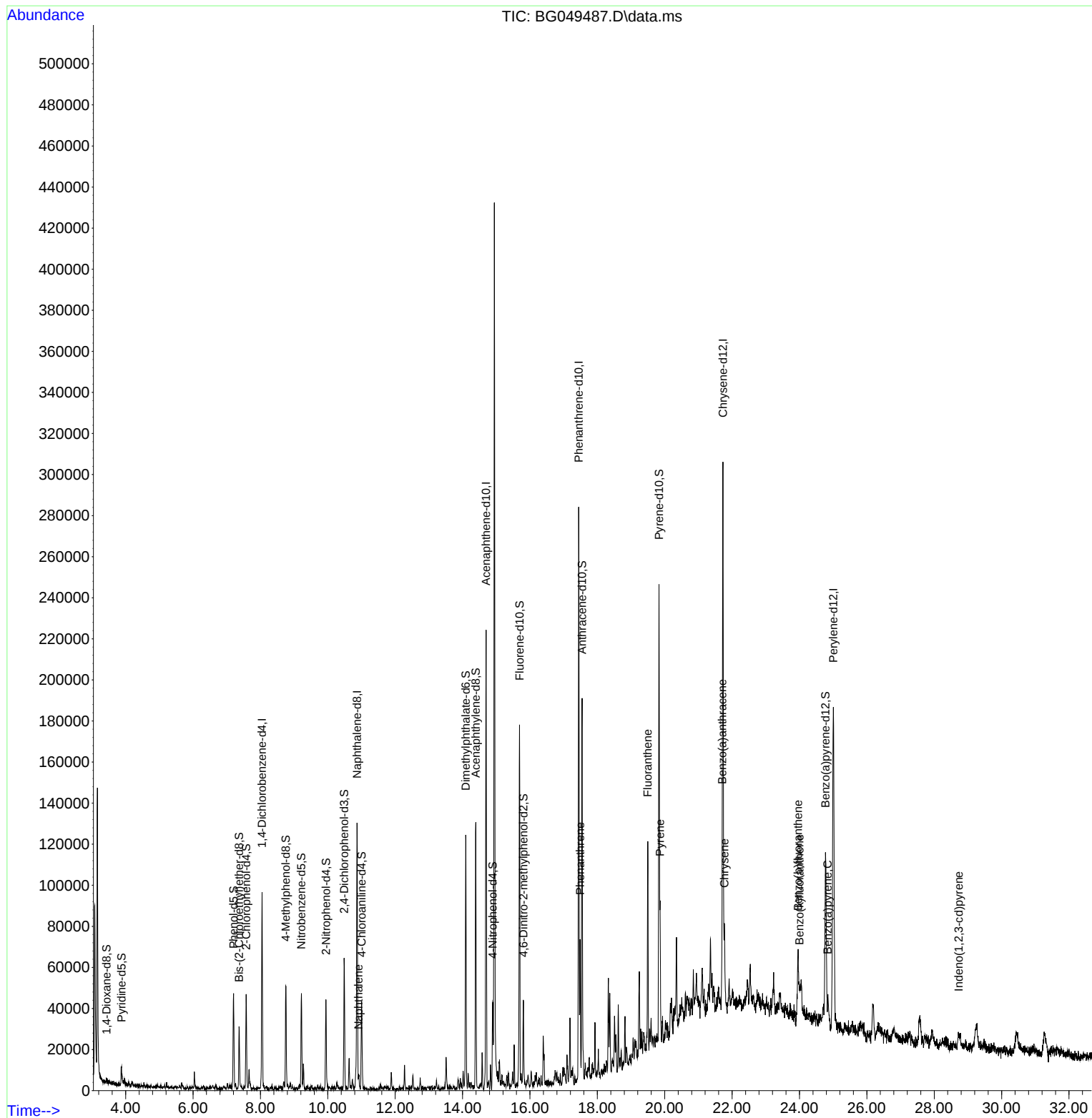
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049487.D
Acq On : 26 Jul 2021 20:47
Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

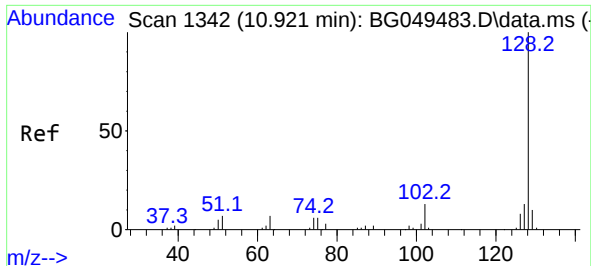
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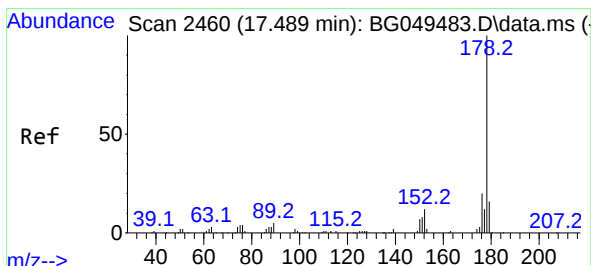
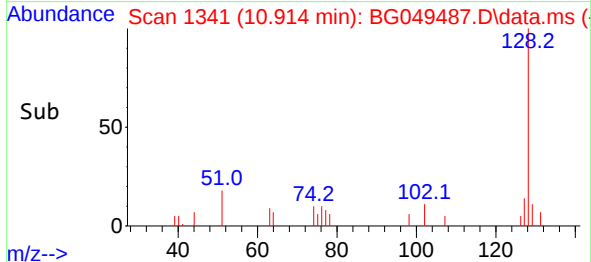
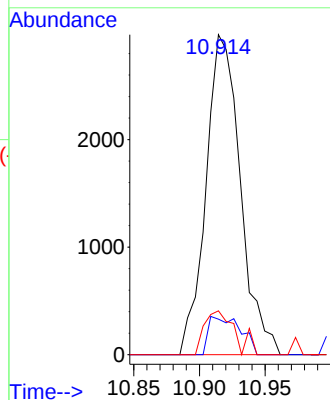
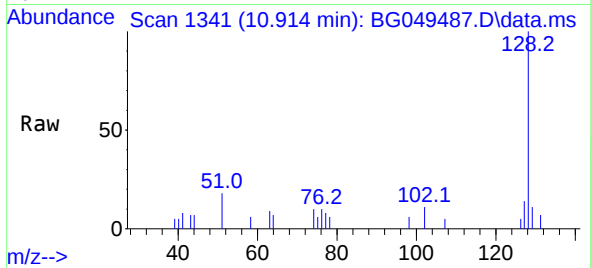
#30
Naphthalene
Concen: 1.041 ng/ul
RT: 10.914 min Scan# 1341
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

Tgt Ion:	128	Resp:	5437
Ion Ratio	Lower	Upper	
128	100		
129	11.1	7.8	11.8
127	13.7	11.0	16.6

Instrument :
BNA_G
ClientSampled :
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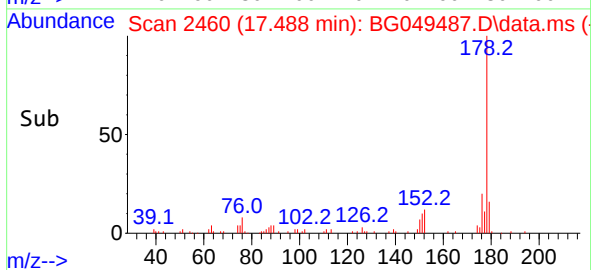
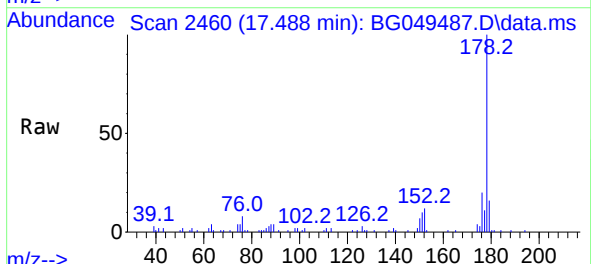
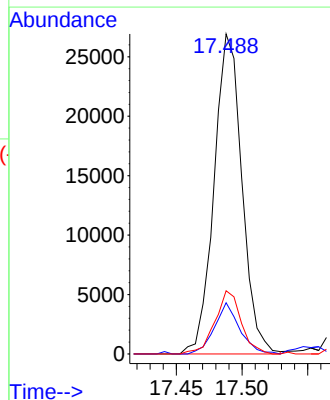
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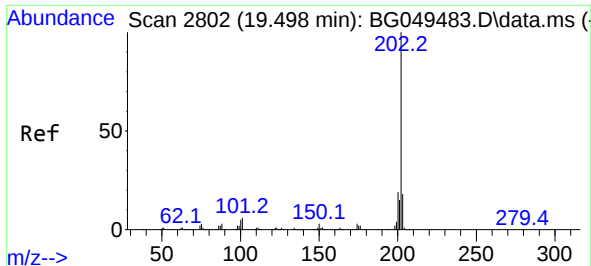
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#72
Phenanthrene
Concen: 4.520 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

Tgt Ion:	178	Resp:	39723
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.2	19.8
176	19.8	15.0	22.6





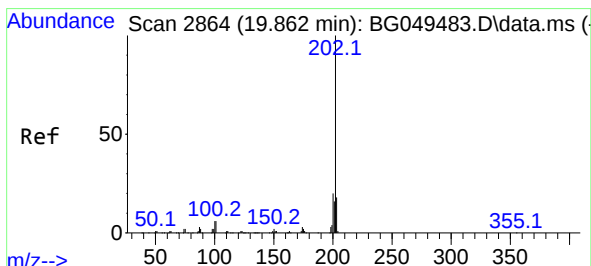
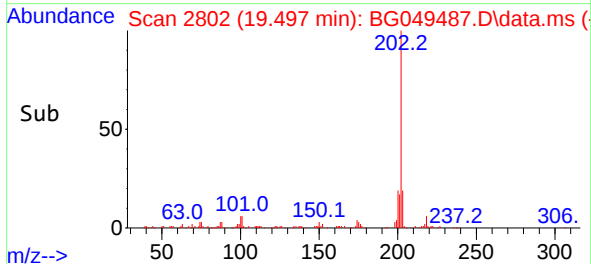
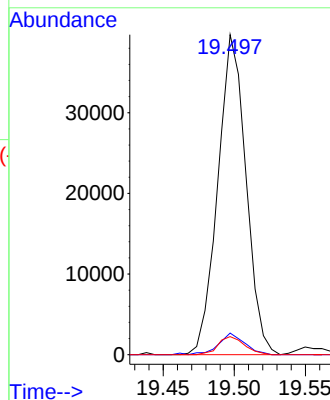
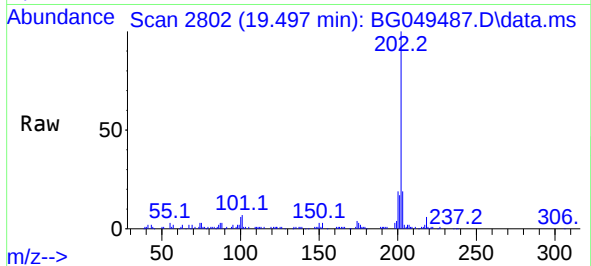
#80
Fluoranthene
Concen: 5.792 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.3	6.5#
100	5.7	3.8	5.6#

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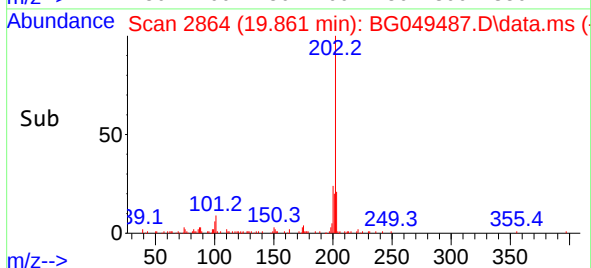
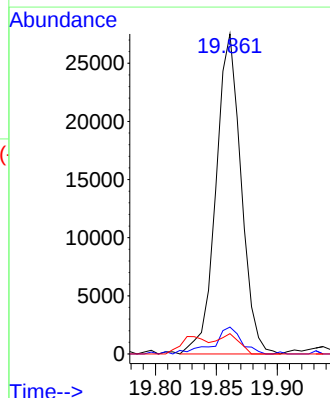
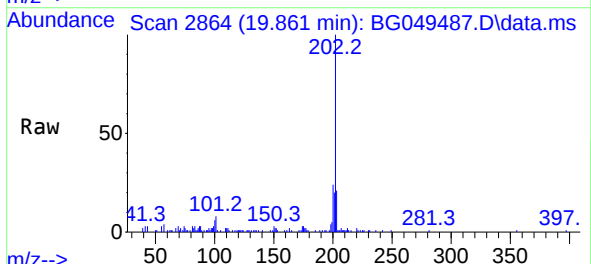
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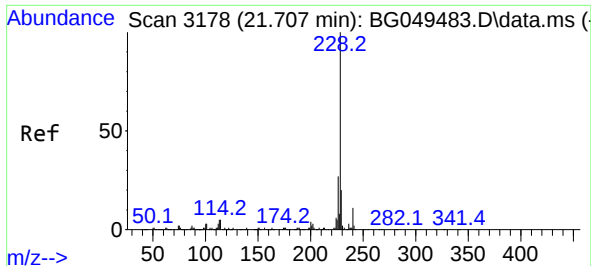
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#82
Pyrene
Concen: 4.221 ng/ul
RT: 19.861 min Scan# 2864
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

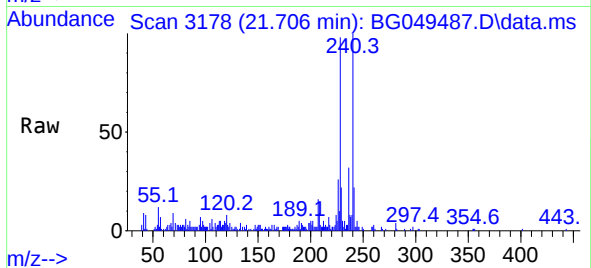
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.3	7.9#
100	6.3	4.7	7.1





#85
Benzo(a)anthracene
Concen: 2.844 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

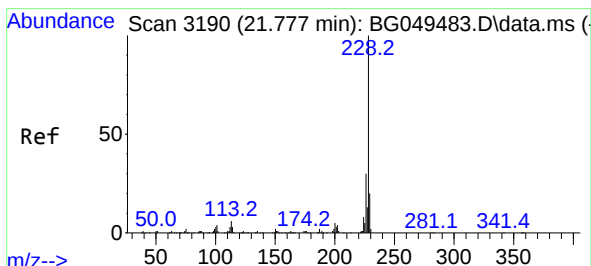
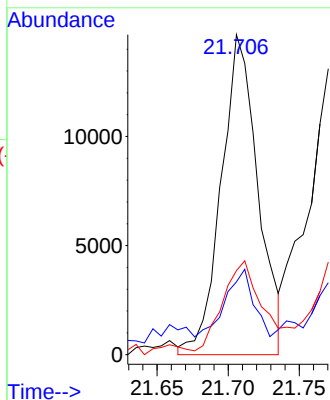
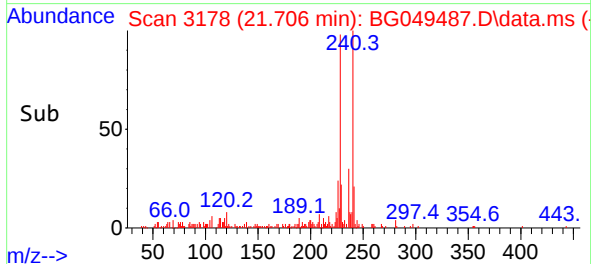
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ClientSampled :
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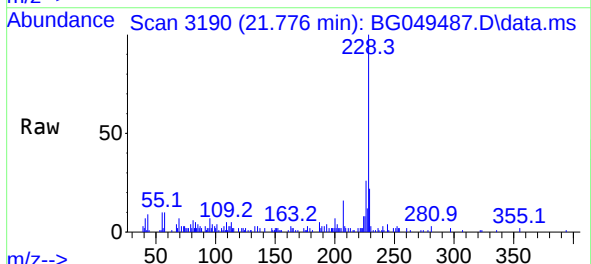
Tgt Ion:228 Resp: 26430
Ion Ratio Lower Upper
228 100
229 22.8 15.4 23.2
226 26.3 21.1 31.7

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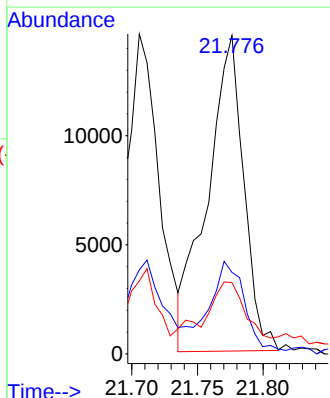
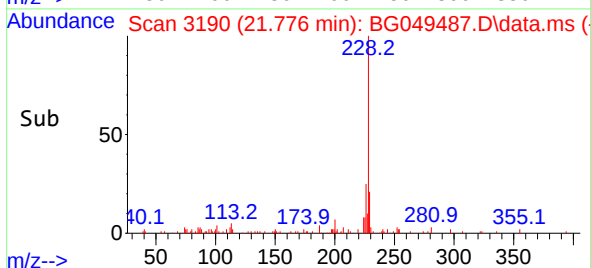
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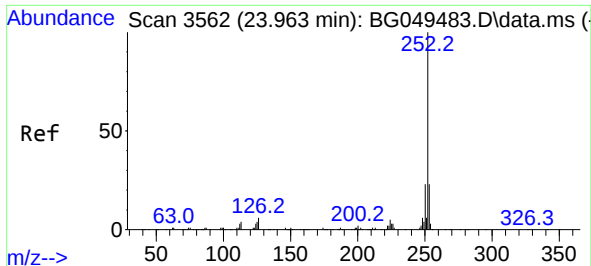


#87
Chrysene
Concen: 3.139 ng/ul
RT: 21.776 min Scan# 3190
Delta R.T. 0.004 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47



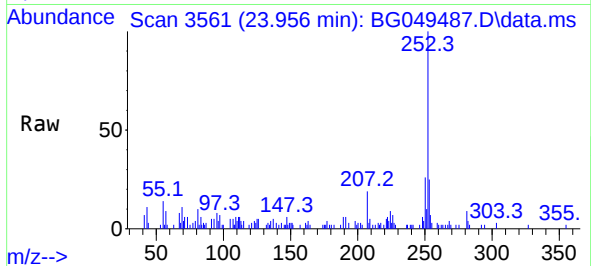
Tgt Ion:228 Resp: 27926
Ion Ratio Lower Upper
228 100
226 25.6 24.6 37.0
229 22.4 14.9 22.3#





#90
Benzo(b)fluoranthene
Concen: 3.006 ng/ul
RT: 23.956 min Scan# 3561
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

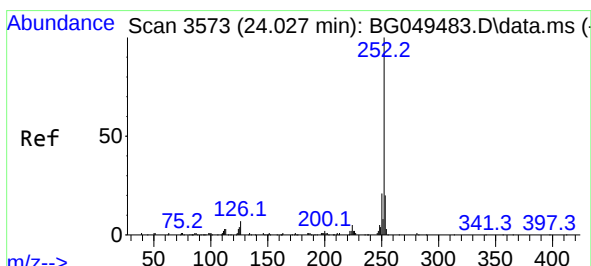
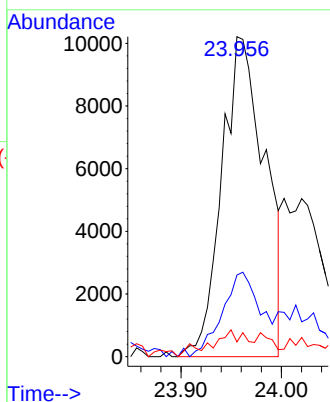
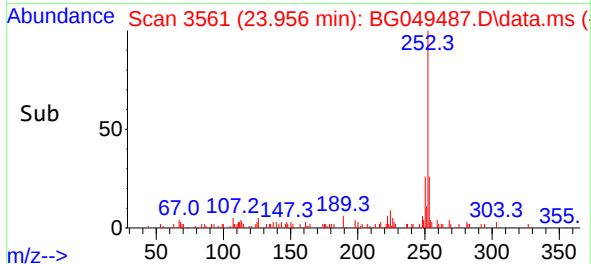
Instrument :
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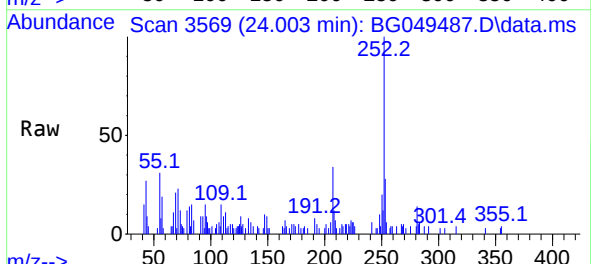
Tgt Ion:252 Resp: 30358
Ion Ratio Lower Upper
252 100
253 25.5 17.1 25.7
125 4.6 4.5 6.7

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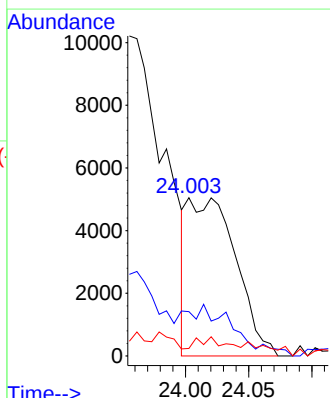
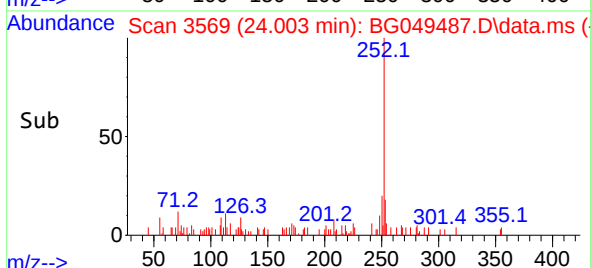
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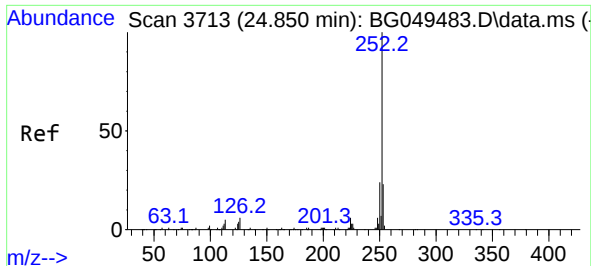


#91
Benzo(k)fluoranthene
Concen: 1.355 ng/ul m
RT: 24.003 min Scan# 3569
Delta R.T. -0.019 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47

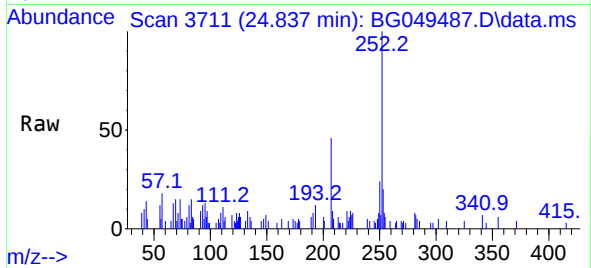


Tgt Ion:252 Resp: 13390
Ion Ratio Lower Upper
252 100
253 28.0 17.3 25.9#
125 4.7 4.6 7.0

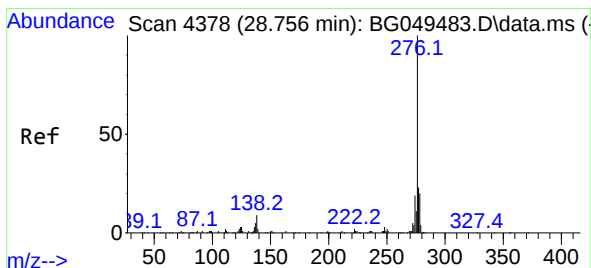
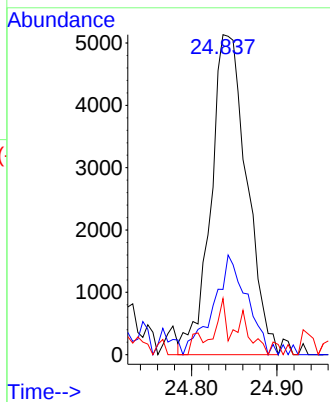
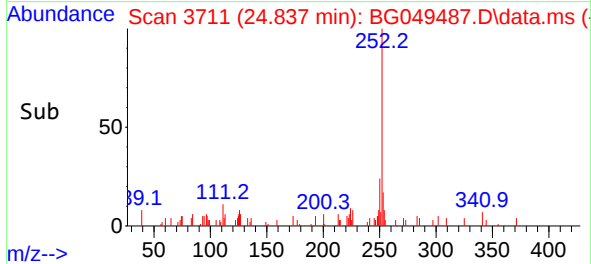




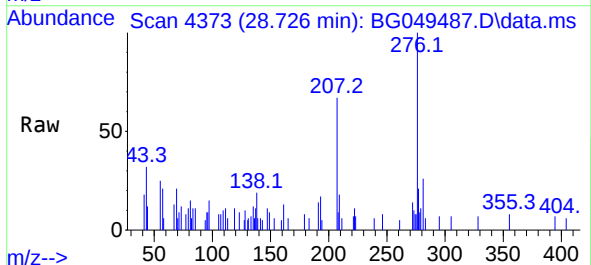
#93
Benzo(a)pyrene
Concen: 1.713 ng/ul
RT: 24.837 min Scan# 3711
Delta R.T. -0.002 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47



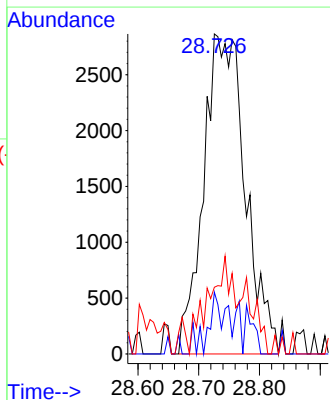
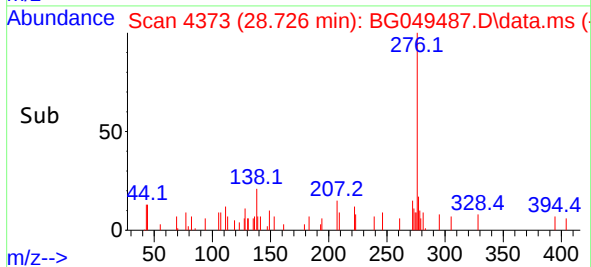
Tgt Ion:252 Resp: 15009
Ion Ratio Lower Upper
252 100
253 20.4 16.4 24.6
125 17.5 4.6 6.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.220 ng/ul m
RT: 28.726 min Scan# 4373
Delta R.T. -0.013 min
Lab File: BG049487.D
Acq: 26 Jul 2021 20:47



Tgt Ion:276 Resp: 13642
Ion Ratio Lower Upper
276 100
138 19.3 7.3 10.9#
277 20.9 19.2 28.8



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