

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049486.D
 Acq On : 26 Jul 2021 20:05
 Operator : CG/JU
 Sample : M3082-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0014

Manual Integrations
 APPROVED

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Quant Time: Jul 27 02:49:36 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	20881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	85812	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	59302	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	133418	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	130439	20.000	ng/ul	0.00
88) Perylene-d12	24.996	264	136638	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.437	96	1131m	2.478	ng/uL	0.00
4) Pyridine-d5	3.878	84	7099m	5.415	ng/ul	0.02
7) Phenol-d5	7.203	99	25085	13.578	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	15179	14.507	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	19493	14.720	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	17616	12.650	ng/ul	0.00
21) Nitrobenzene-d5	9.218	128	10515	15.938	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	11510	14.888	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.492	165	21495	15.287	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	20412	10.416	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	71899	15.828	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	83577	15.840	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	7365	9.845	ng/ul	0.01
60) Fluorene-d10	15.685	176	63776	16.297	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	7877	9.528	ng/ul	0.00
73) Anthracene-d10	17.547	188	101455	16.361	ng/ul	0.00
81) Pyrene-d10	19.833	212	106550	15.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	83229	11.589	ng/ul	0.00
Target Compounds						Qvalue
36) 2-Methylnaphthalene	12.531	142	3768	1.165	ng/ul#	78
72) Phenanthrene	17.489	178	27097	3.901	ng/ul	96
80) Fluoranthene	19.498	202	42604	5.261	ng/ul	98
82) Pyrene	19.856	202	30307	3.769	ng/ul#	96
85) Benzo(a)anthracene	21.707	228	19724	2.473	ng/ul#	95
87) Chrysene	21.771	228	26733	3.502	ng/ul	93
90) Benzo(b)fluoranthene	23.956	252	36819	4.299	ng/ul	99
91) Benzo(k)fluoranthene	24.015	252	12268m	1.464	ng/ul	
93) Benzo(a)pyrene	24.843	252	13793	1.856	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.744	276	18761m	1.979	ng/ul	

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

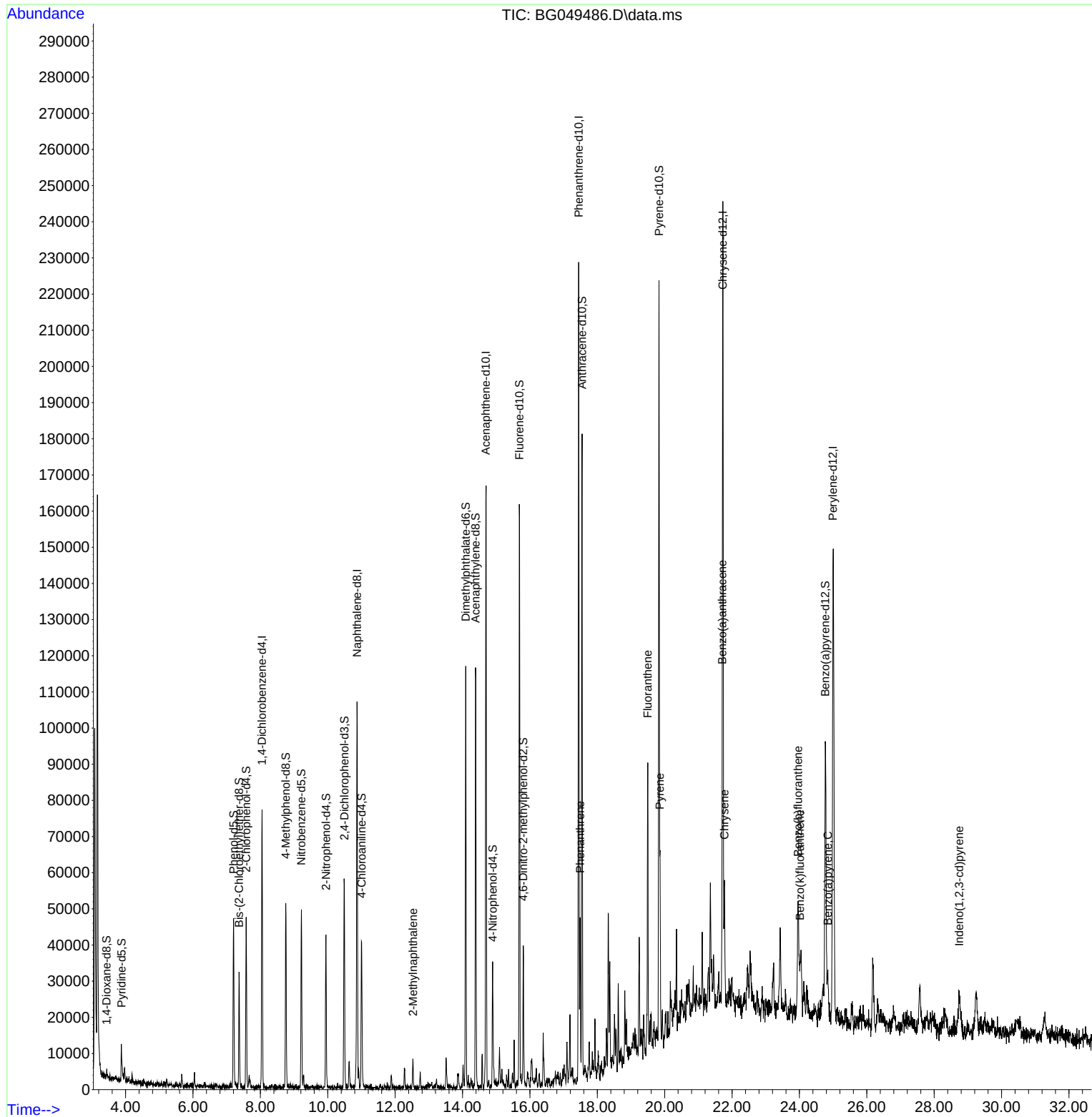
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Operator : CG/JU
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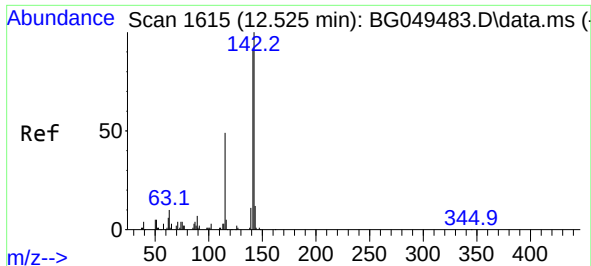
Instrument :
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Response via : Initial Calibration





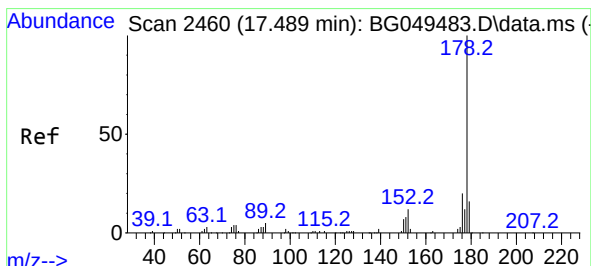
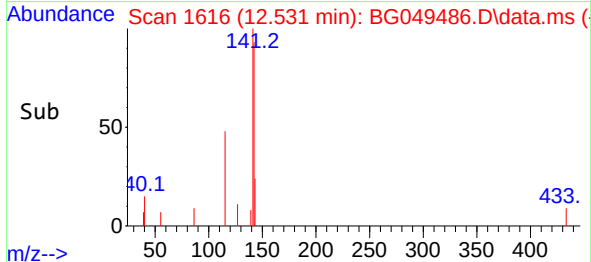
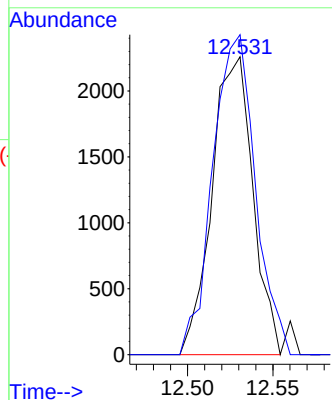
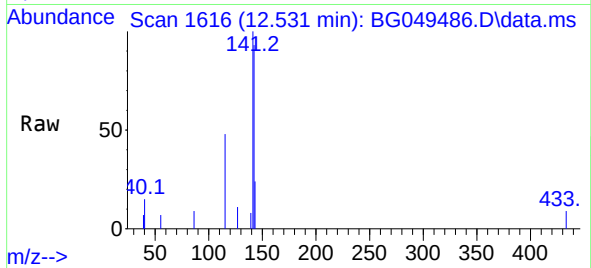
#36
2-Methylnaphthalene
Concen: 1.165 ng/ul
RT: 12.531 min Scan# 1616
Delta R.T. 0.005 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

Tgt Ion:142 Resp: 3768
Ion Ratio Lower Upper
142 100
141 107.4 69.9 104.9#

Instrument :
BNA_G
ClientSampled :
C0014

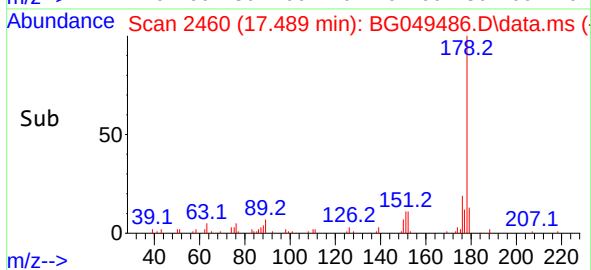
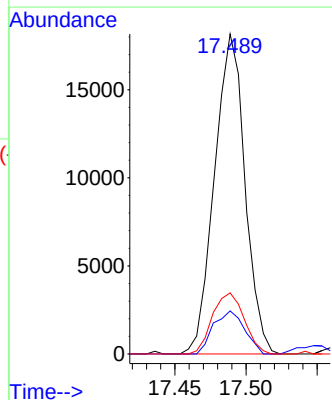
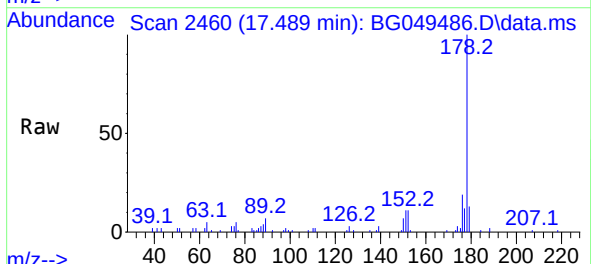
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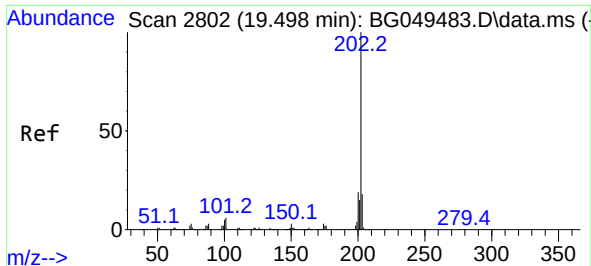
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#72
Phenanthrene
Concen: 3.901 ng/ul
RT: 17.489 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049486.D
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Tgt Ion:178 Resp: 27097
Ion Ratio Lower Upper
178 100
179 13.4 13.2 19.8
176 19.1 15.0 22.6





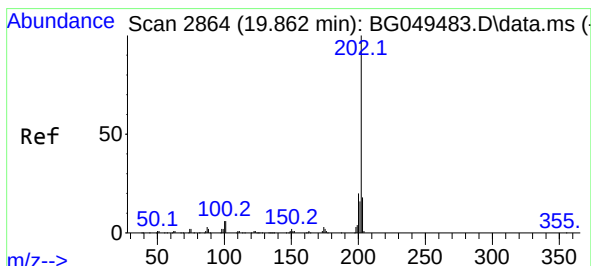
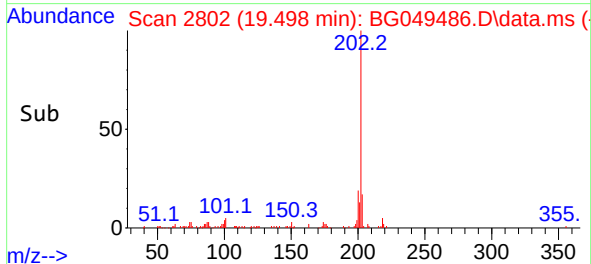
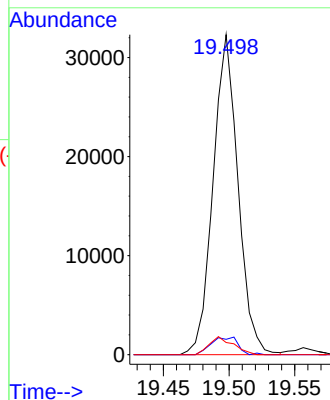
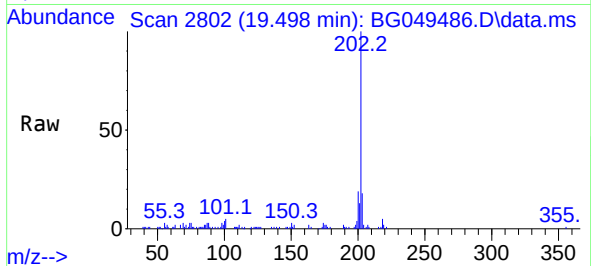
#80
Fluoranthene
Concen: 5.261 ng/u1
RT: 19.498 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

Tgt Ion:202 Resp: 42604
Ion Ratio Lower Upper
202 100
101 4.8 4.3 6.5
100 3.8 3.8 5.6

Instrument :
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ClientSampled :
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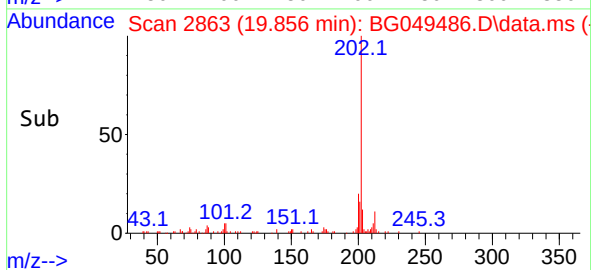
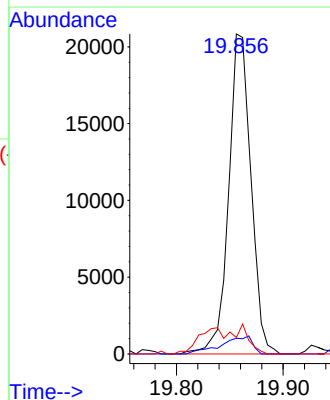
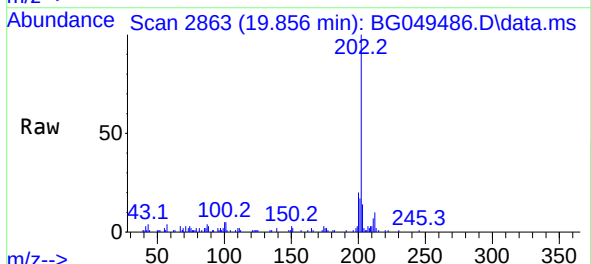
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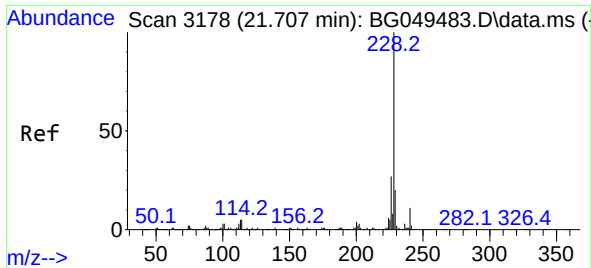
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#82
Pyrene
Concen: 3.769 ng/u1
RT: 19.856 min Scan# 2863
Delta R.T. -0.007 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

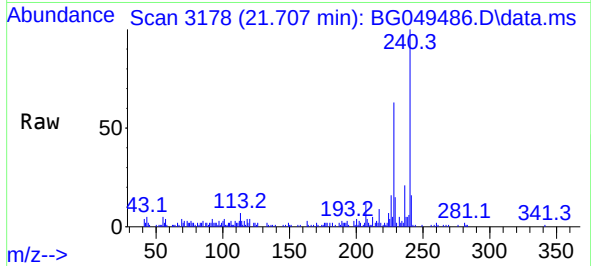
Tgt Ion:202 Resp: 30307
Ion Ratio Lower Upper
202 100
101 4.9 5.3 7.9#
100 5.1 4.7 7.1





#85
Benzo(a)anthracene
Concen: 2.473 ng/u1
RT: 21.707 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

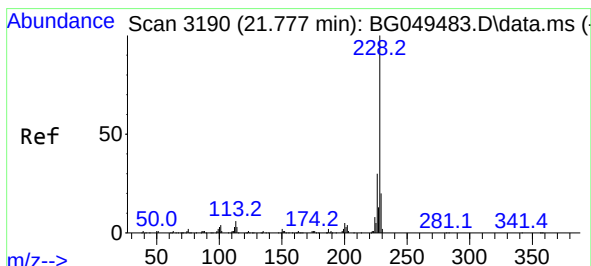
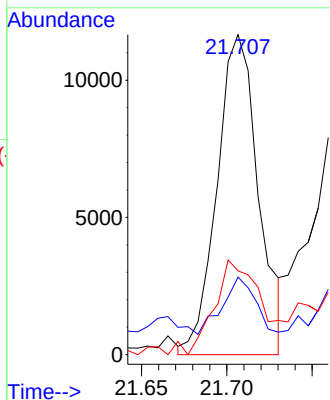
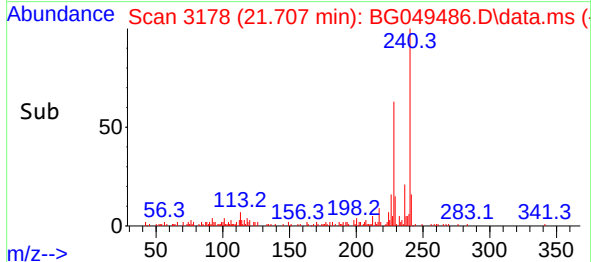
Instrument :
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ClientSampled :
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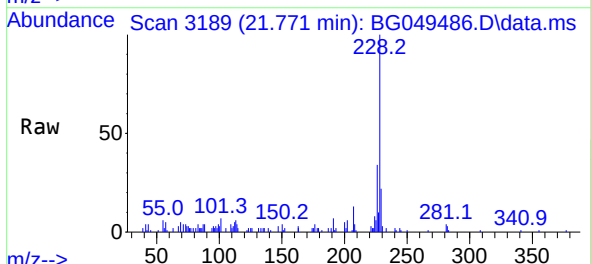
Tgt Ion:228 Resp: 19724
Ion Ratio Lower Upper
228 100
229 24.2 15.4 23.2#
226 26.2 21.1 31.7

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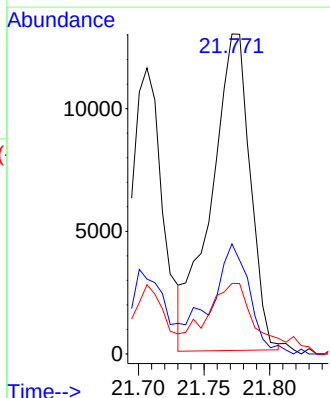
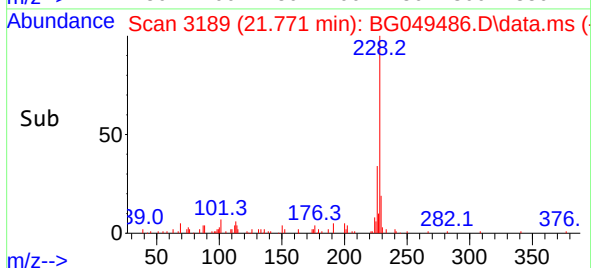
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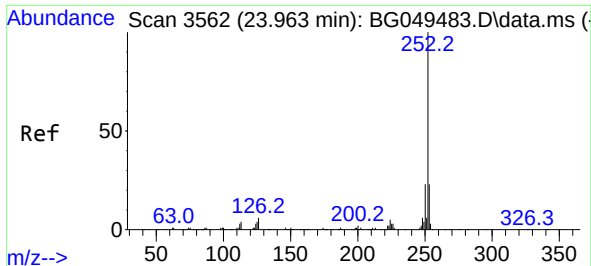


#87
Chrysene
Concen: 3.502 ng/u1
RT: 21.771 min Scan# 3189
Delta R.T. -0.001 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

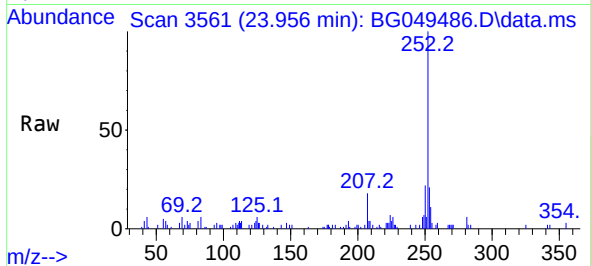


Tgt Ion:228 Resp: 26733
Ion Ratio Lower Upper
228 100
226 34.4 24.6 37.0
229 22.0 14.9 22.3

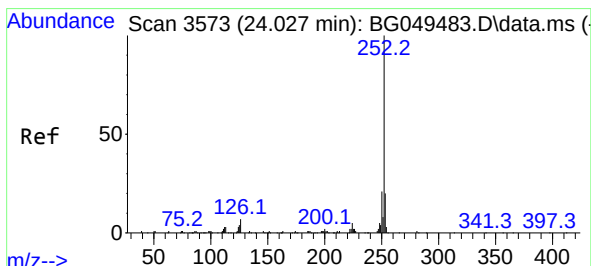
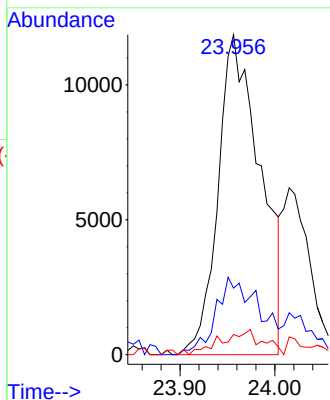
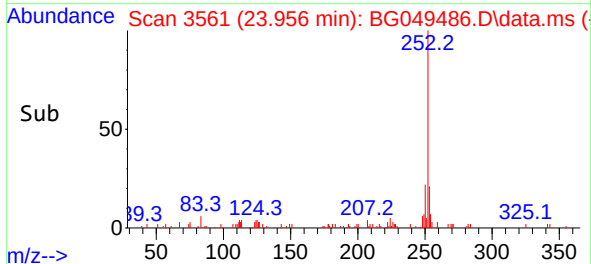




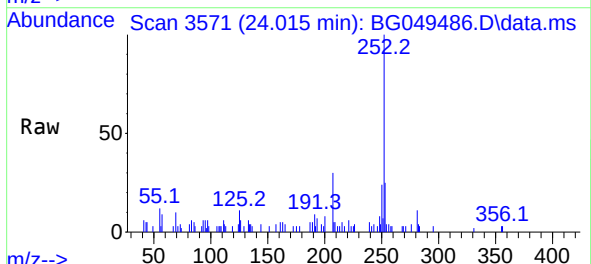
#90
Benzo(b)fluoranthene
Concen: 4.299 ng/ul
RT: 23.956 min Scan# 3561
Delta R.T. -0.001 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05



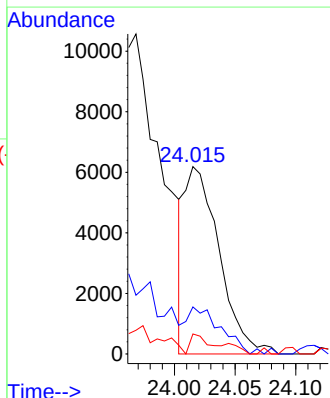
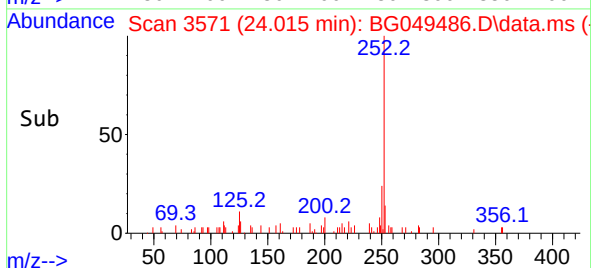
Tgt Ion:252 Resp: 36819
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 6.3 4.5 6.7



#91
Benzo(k)fluoranthene
Concen: 1.464 ng/ul m
RT: 24.015 min Scan# 3571
Delta R.T. -0.007 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05



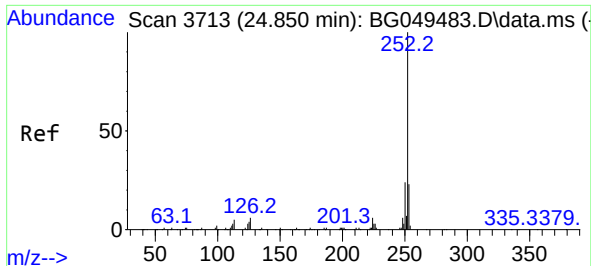
Tgt Ion:252 Resp: 12268
Ion Ratio Lower Upper
252 100
253 25.1 17.3 25.9
125 10.7 4.6 7.0#



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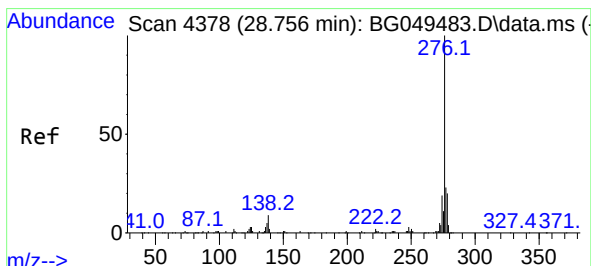
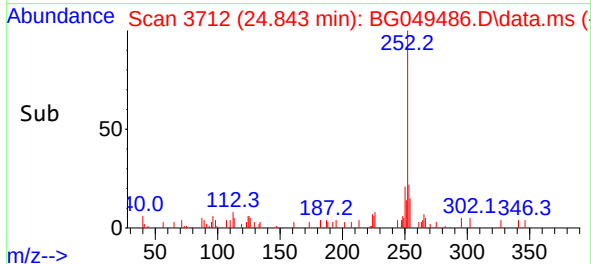
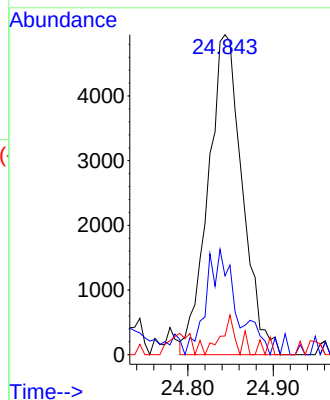
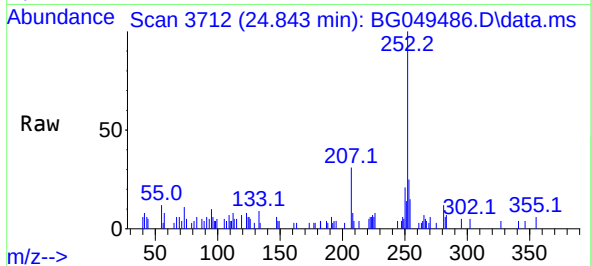
#93
Benzo(a)pyrene
Concen: 1.856 ng/ul
RT: 24.843 min Scan# 3712
Delta R.T. 0.005 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

Tgt Ion: 252 Resp: 13793
Ion Ratio Lower Upper
252 100
253 24.7 16.4 24.6#
125 5.9 4.6 6.8

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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.979 ng/ul m
RT: 28.744 min Scan# 4376
Delta R.T. 0.005 min
Lab File: BG049486.D
Acq: 26 Jul 2021 20:05

Tgt Ion: 276 Resp: 18761
Ion Ratio Lower Upper
276 100
138 14.8 7.3 10.9#
277 27.0 19.2 28.8

