

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
 Data File : BG049478.D
 Acq On : 26 Jul 2021 14:31
 Operator : CG/JU
 Sample : M3082-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0016

Manual Integrations
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Quant Time: Jul 26 15:22:00 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	22493	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	95212	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	62034	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.447	188	127359	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	116765	20.000	ng/ul	# 0.00
88) Perylene-d12	24.996	264	121943	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	1956	3.978	ng/uL	0.00
4) Pyridine-d5	3.872	84	13788m	9.764	ng/ul	0.02
7) Phenol-d5	7.202	99	43905	22.062	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	26287	23.323	ng/ul	0.00
11) 2-Chlorophenol-d4	7.578	132	32627	22.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	30158	20.105	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	17236	23.546	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	20747	24.186	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	34703	22.244	ng/ul	0.00
31) 4-Chloroaniline-d4	11.003	131	28212	12.975	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	122203	25.717	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	137086	24.838	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	16506	21.093	ng/ul	0.00
60) Fluorene-d10	15.685	176	103323	25.239	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	17898	22.678	ng/ul	0.00
73) Anthracene-d10	17.547	188	149857	25.317	ng/ul	0.00
81) Pyrene-d10	19.832	212	133767	22.404	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.767	264	93063	14.520	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.488	178	34370	5.184	ng/ul	95
74) Anthracene	17.577	178	15367m	2.287	ng/ul	
80) Fluoranthene	19.497	202	89911	12.402	ng/ul#	98
82) Pyrene	19.862	202	58613	8.143	ng/ul#	97
85) Benzo(a)anthracene	21.706	228	43778	6.132	ng/ul	96
87) Chrysene	21.771	228	50237m	7.352	ng/ul	
90) Benzo(b)fluoranthene	23.956	252	66742	8.732	ng/ul#	91
91) Benzo(k)fluoranthene	24.021	252	22455	3.002	ng/ul#	94
93) Benzo(a)pyrene	24.843	252	21790	3.286	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.738	276	23699m	2.801	ng/ul	
95) Dibenzo(a,h)anthracene	28.779	278	9849m	1.407	ng/ul	

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

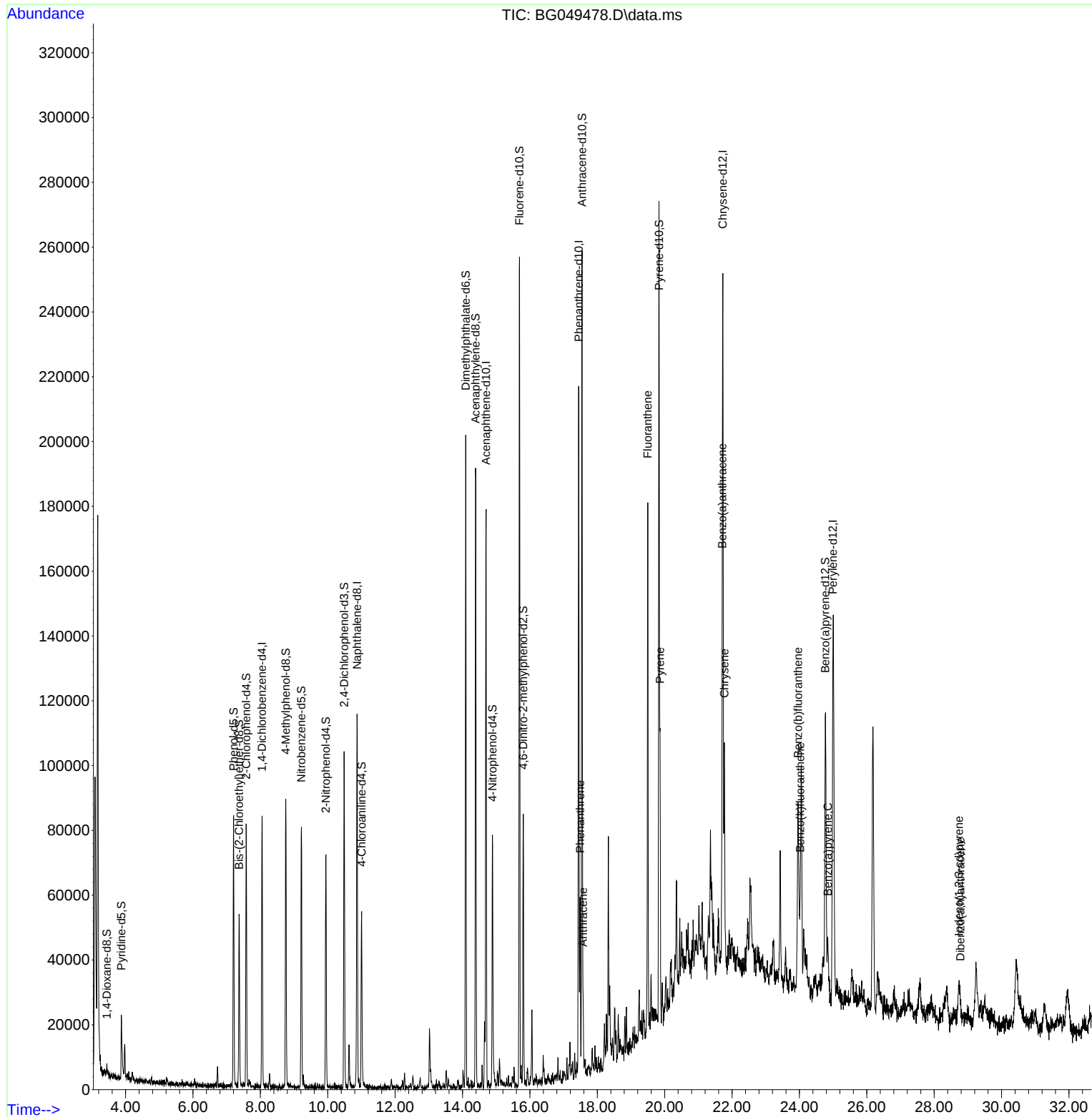
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049478.D
Acq On : 26 Jul 2021 14:31
Operator : CG/JU
Sample : M3082-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

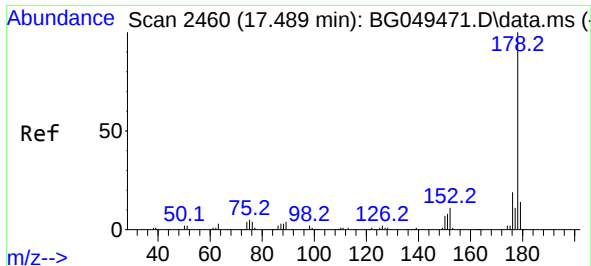
Instrument :
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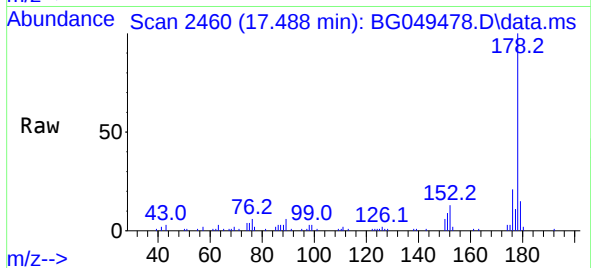
Quant Time: Jul 26 15:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 5.184 ng/ul
RT: 17.488 min Scan# 2460
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31

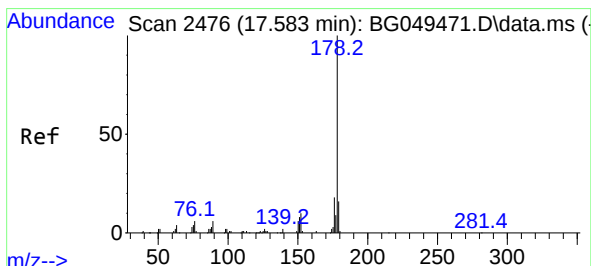
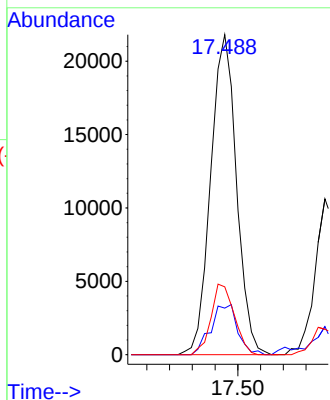
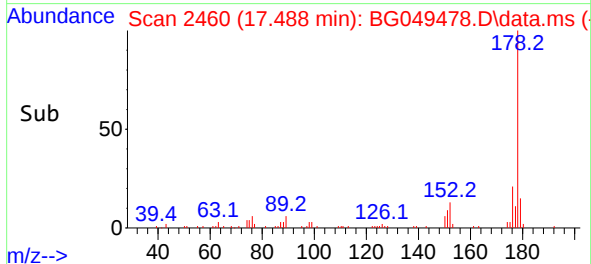
Instrument :
BNA_G
ClientSampled :
C0016



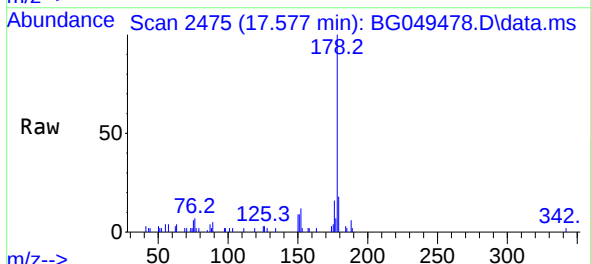
Tgt Ion:178 Resp: 34370
Ion Ratio Lower Upper
178 100
179 14.5 13.2 19.8
176 21.2 15.0 22.6

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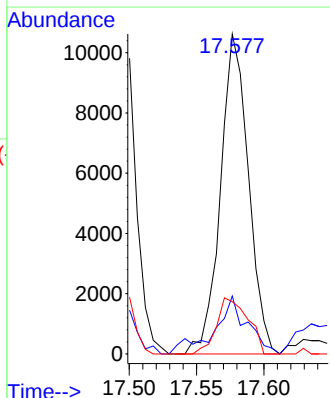
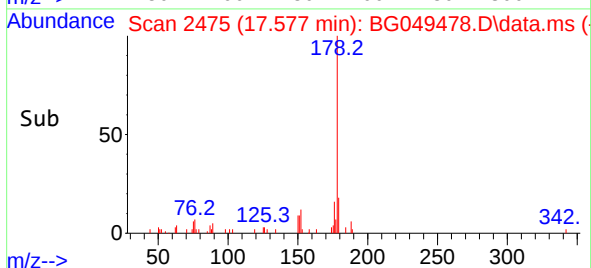
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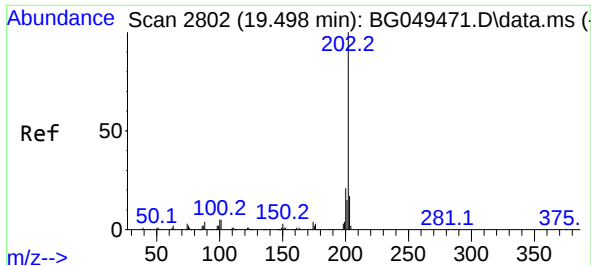


#74
Anthracene
Concen: 2.287 ng/ul m
RT: 17.577 min Scan# 2475
Delta R.T. -0.007 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31



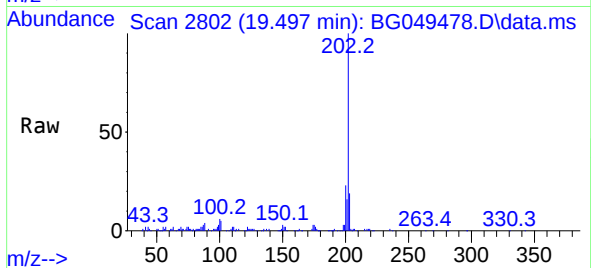
Tgt Ion:178 Resp: 15367
Ion Ratio Lower Upper
178 100
179 18.1 12.0 18.0#
176 16.4 15.6 23.4





#80
Fluoranthene
Concen: 12.402 ng/ul
RT: 19.497 min Scan# 2802
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31

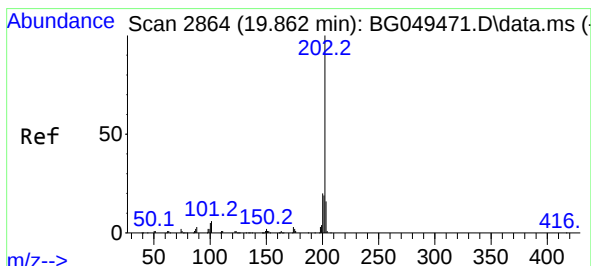
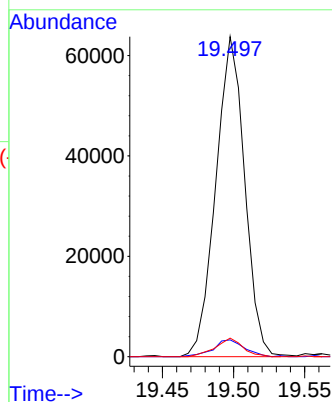
Instrument :
BNA_G
ClientSampleId :
C0016



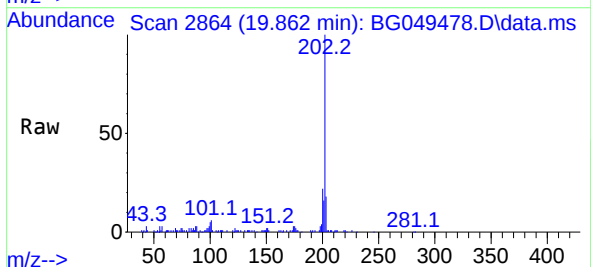
Tgt Ion:202 Resp: 89911
Ion Ratio Lower Upper
202 100
101 5.3 4.3 6.5
100 5.8 3.8 5.6#

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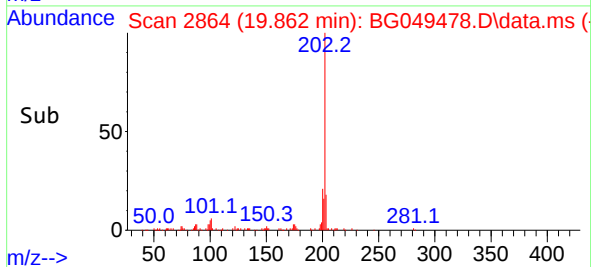
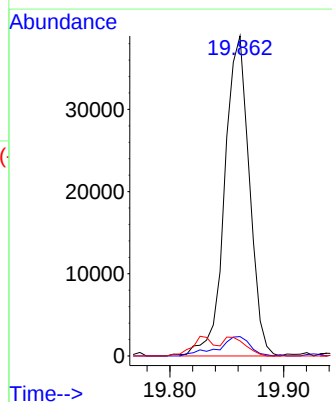
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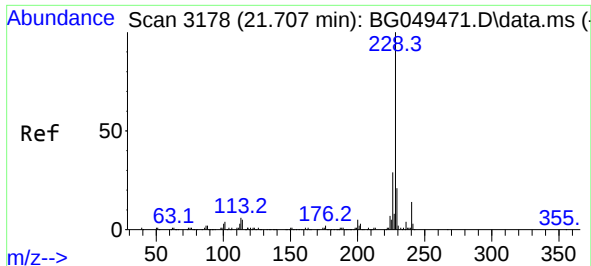


#82
Pyrene
Concen: 8.143 ng/ul
RT: 19.862 min Scan# 2864
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31



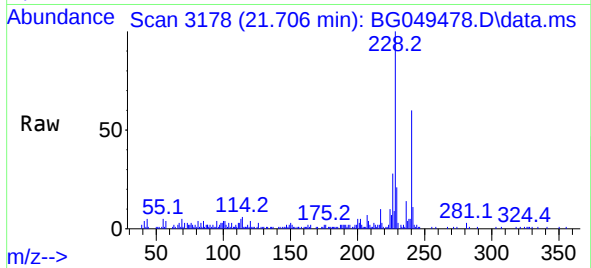
Tgt Ion:202 Resp: 58613
Ion Ratio Lower Upper
202 100
101 6.0 5.3 7.9
100 4.7 4.7 7.1#





#85
Benzo(a)anthracene
Concen: 6.132 ng/ul
RT: 21.706 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31

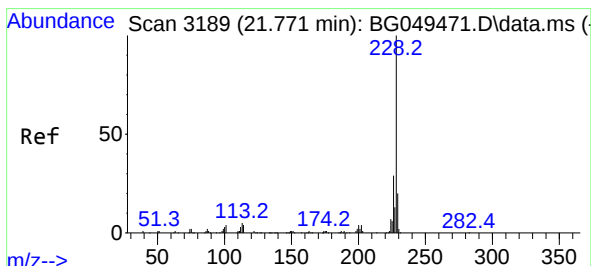
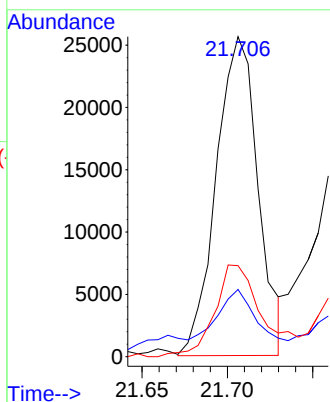
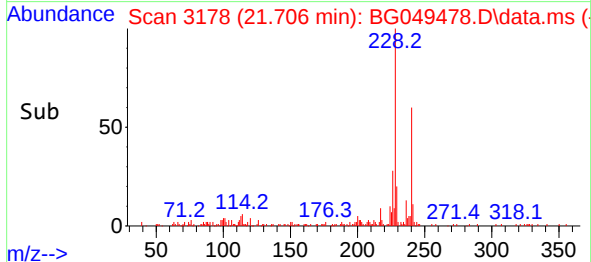
Instrument :
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ClientSampled :
C0016



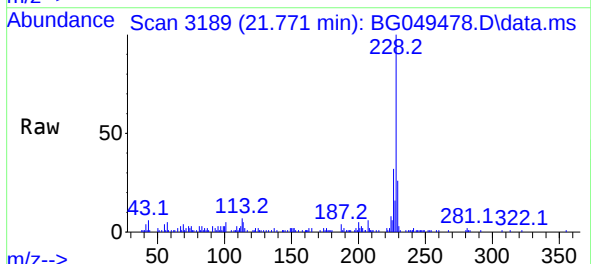
Tgt Ion:228 Resp: 43778
Ion Ratio Lower Upper
228 100
229 21.0 15.4 23.2
226 28.5 21.1 31.7

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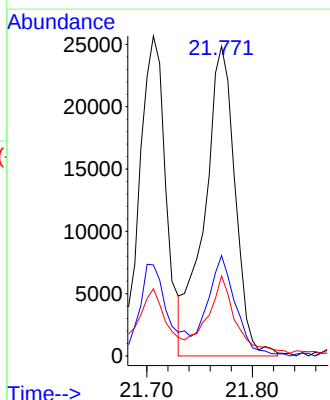
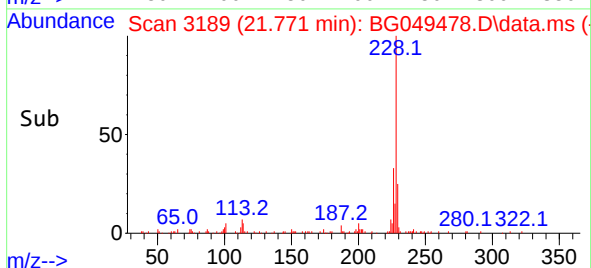
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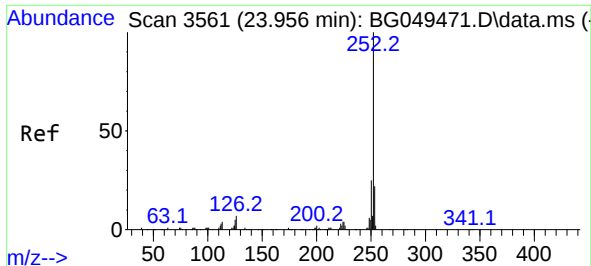


#87
Chrysene
Concen: 7.352 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31



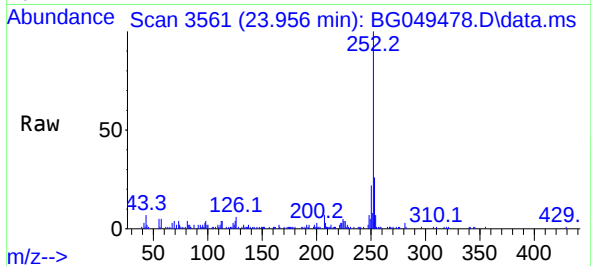
Tgt Ion:228 Resp: 50237
Ion Ratio Lower Upper
228 100
226 32.4 24.6 37.0
229 25.8 14.9 22.3#





#90
Benzo(b)fluoranthene
Concen: 8.732 ng/ul
RT: 23.956 min Scan# 3561
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31

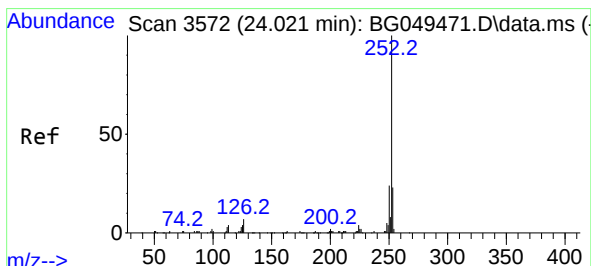
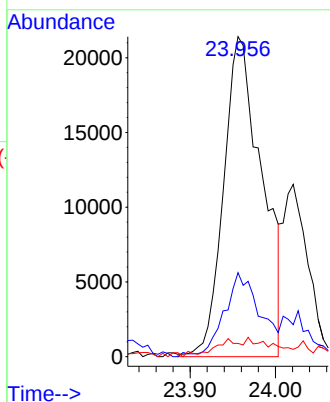
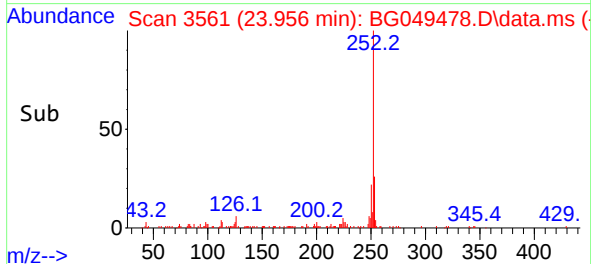
Instrument :
BNA_G
ClientSampled :
C0016



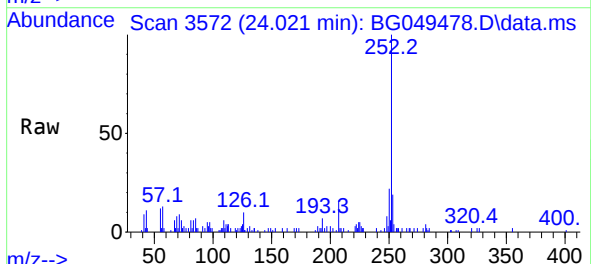
Tgt Ion:252 Resp: 66742
Ion Ratio Lower Upper
252 100
253 26.2 17.1 25.7#
125 4.1 4.5 6.7#

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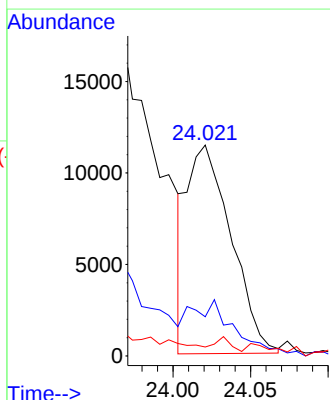
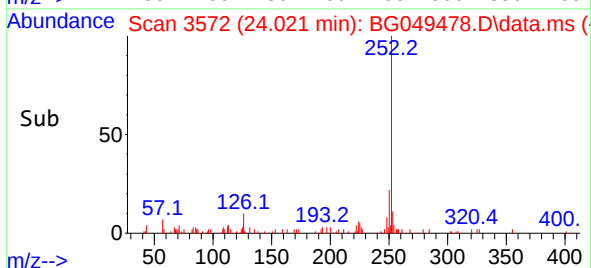
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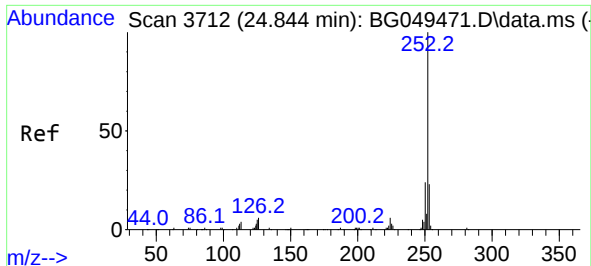


#91
Benzo(k)fluoranthene
Concen: 3.002 ng/ul
RT: 24.021 min Scan# 3572
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31

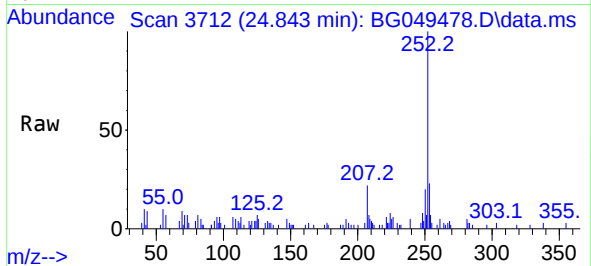


Tgt Ion:252 Resp: 22455
Ion Ratio Lower Upper
252 100
253 18.6 17.3 25.9
125 4.3 4.6 7.0#

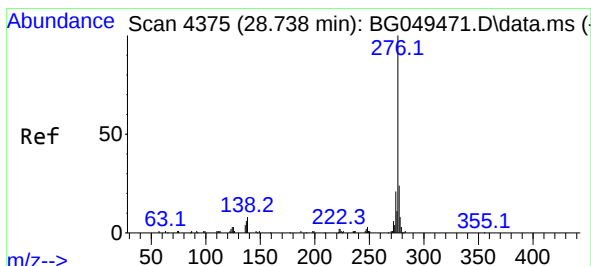
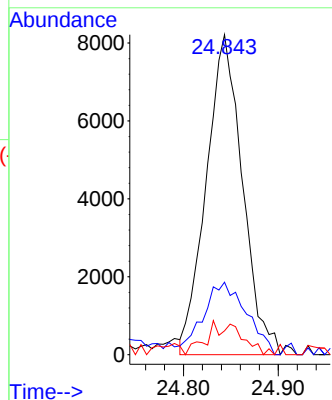
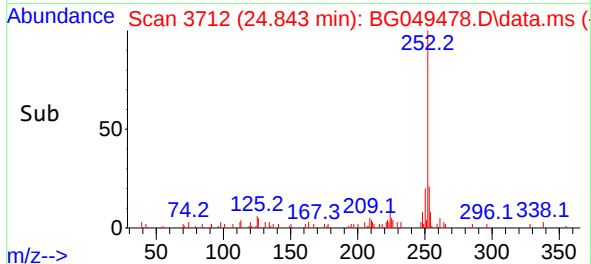




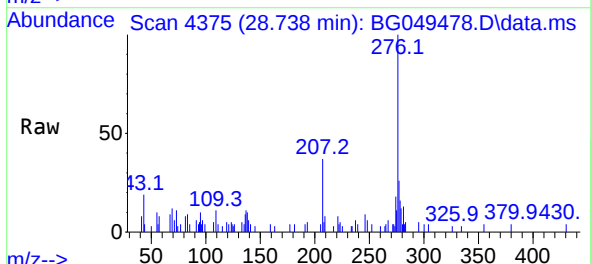
#93
Benzo(a)pyrene
Concen: 3.286 ng/ul
RT: 24.843 min Scan# 3712
Delta R.T. 0.005 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31



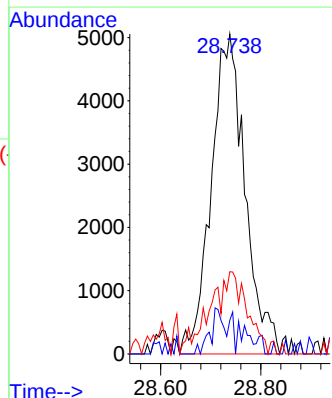
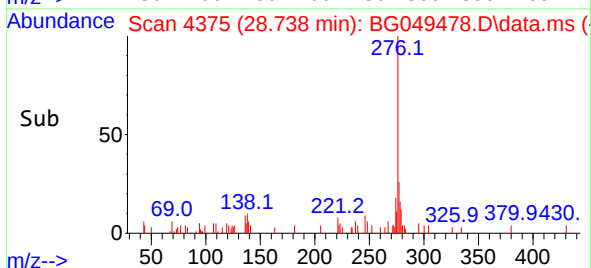
Tgt Ion:252 Resp: 21790
Ion Ratio Lower Upper
252 100
253 22.6 16.4 24.6
125 7.5 4.6 6.8#



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.801 ng/ul m
RT: 28.738 min Scan# 4375
Delta R.T. -0.001 min
Lab File: BG049478.D
Acq: 26 Jul 2021 14:31



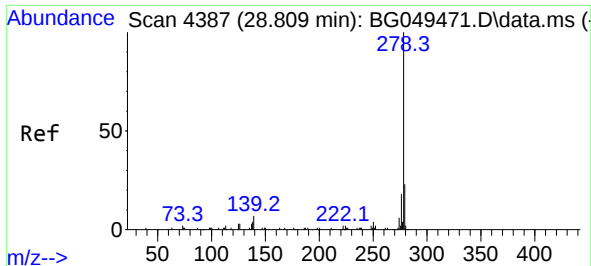
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Ion Ratio Lower Upper
276 100
138 10.5 7.3 10.9
277 25.7 19.2 28.8



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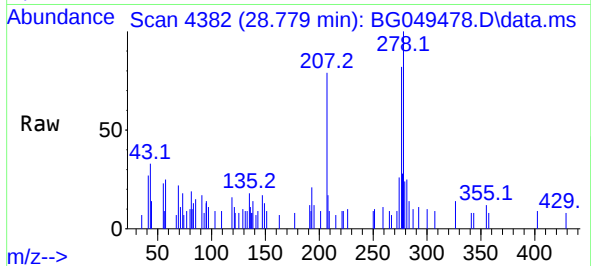
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#95
 Dibenzo(a,h)anthracene
 Concen: 1.407 ng/ul m
 RT: 28.779 min Scan# 4382
 Delta R.T. -0.019 min
 Lab File: BG049478.D
 Acq: 26 Jul 2021 14:31

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:278 Resp: 9849
 Ion Ratio Lower Upper
 278 100
 139 0.0 6.8 10.2#
 279 23.9 19.7 29.5

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