

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049385.D
 Acq On : 16 Jul 2021 19:33
 Operator : CG/JU
 Sample : M2970-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGEB1

Manual Integrations
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mohammad
 7/19/2021 11:53:38 AM

Quant Time: Jul 17 00:55:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 16 15:19:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	24881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	103484	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.712	164	79228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	187318	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	197509	20.000	ng/ul	0.00
88) Perylene-d12	25.035	264	207700	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.449	96	1633m	3.087	ng/uL	0.00
4) Pyridine-d5	3.884	84	12290	7.902	ng/ul	0.01
7) Phenol-d5	7.215	99	45871	21.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	28974	23.082	ng/ul	0.00
11) 2-Chlorophenol-d4	7.591	132	35699	22.318	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	39621	22.849	ng/ul	0.00
21) Nitrobenzene-d5	9.236	128	19742	24.861	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	23523	25.805	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.505	165	40674	22.867	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	54755	23.622	ng/ul	0.00
46) Dimethylphthalate-d6	14.107	166	151827	24.918	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	166250	23.255	ng/ul	0.00
54) 4-Nitrophenol-d4	14.900	143	15844	15.710	ng/ul	0.00
60) Fluorene-d10	15.699	176	124989	24.228	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	17823	14.969	ng/ul	0.00
73) Anthracene-d10	17.562	188	213364m	25.018	ng/ul	0.00
81) Pyrene-d10	19.847	212	252765	24.969	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.806	264	234380	21.708	ng/ul	0.00
Target Compounds						
					Qvalue	
52) Acenaphthene	14.771	153	14314	3.100	ng/ul	86
61) Fluorene	15.758	166	9209	1.663	ng/ul#	73
72) Phenanthrene	17.503	178	45149m	4.942	ng/ul	
74) Anthracene	17.591	178	15823	1.695	ng/ul	97
80) Fluoranthene	19.512	202	51540	4.378	ng/ul#	96
82) Pyrene	19.871	202	35791	3.051	ng/ul	97
85) Benzo(a)anthracene	21.722	228	35192	2.899	ng/ul	95
87) Chrysene	21.786	228	28406	2.474	ng/ul	92
90) Benzo(b)fluoranthene	23.990	252	33958	2.650	ng/ul#	90
91) Benzo(k)fluoranthene	24.042	252	14457m	1.157	ng/ul	
93) Benzo(a)pyrene	24.877	252	19916	1.766	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.778	276	14559m	1.001	ng/ul	

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

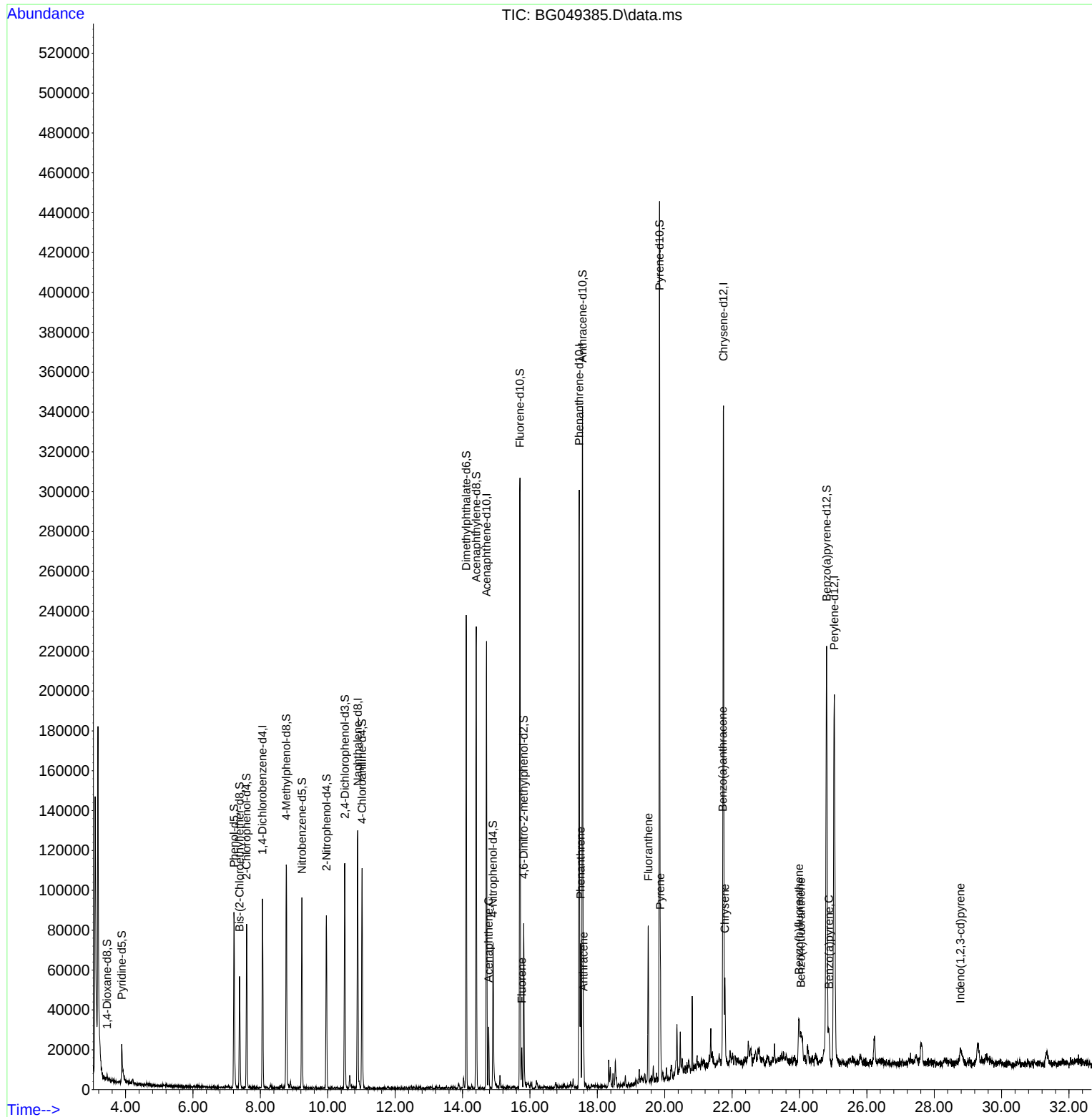
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049385.D
Acq On : 16 Jul 2021 19:33
Operator : CG/JU
Sample : M2970-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

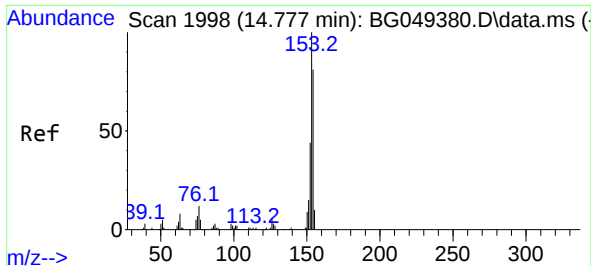
Instrument :
BNA_G
ClientSampleId :
BGEB1

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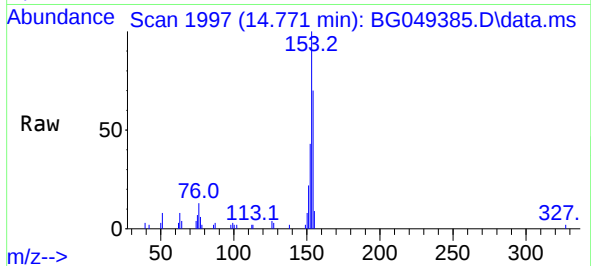
Quant Time: Jul 17 00:55:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration





#52
Acenaphthene
Concen: 3.100 ng/u1
RT: 14.771 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

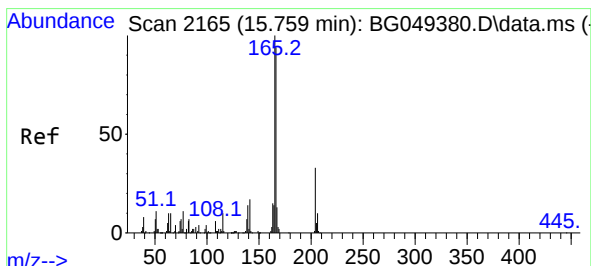
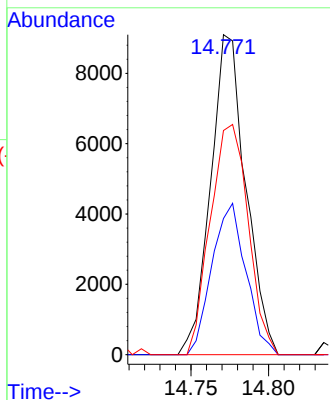
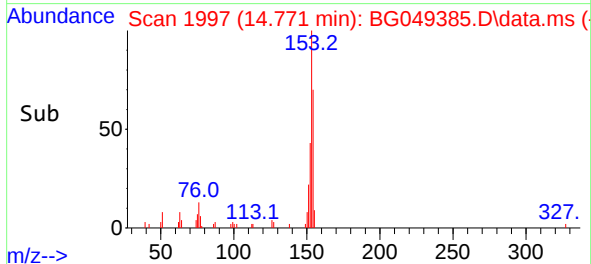
Instrument :
BNA_G
ClientSampleId :
BGEb1



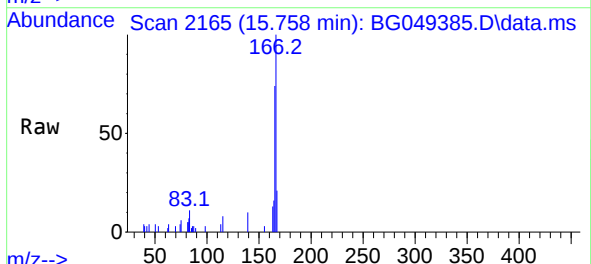
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Ion Ratio Lower Upper
153 100
152 42.6 36.7 55.1
154 70.0 69.4 104.2

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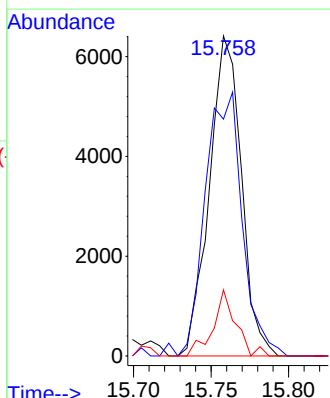
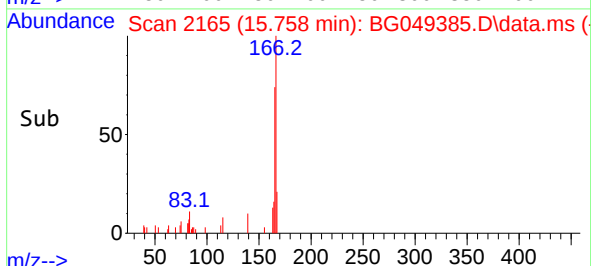
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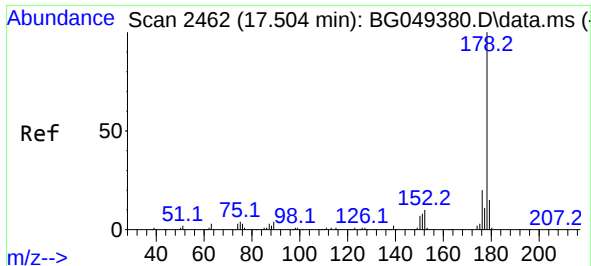


#61
Fluorene
Concen: 1.663 ng/u1
RT: 15.758 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33



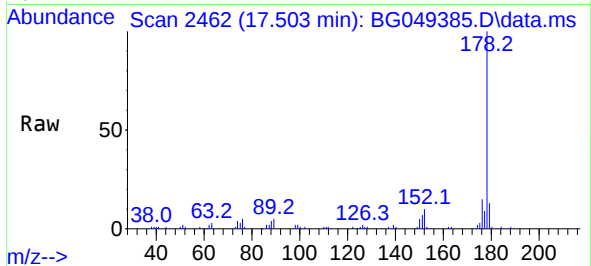
Tgt Ion:166 Resp: 9209
Ion Ratio Lower Upper
166 100
165 74.0 81.8 122.8#
167 20.6 10.5 15.7#





#72
Phenanthrene
Concen: 4.942 ng/ul m
RT: 17.503 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

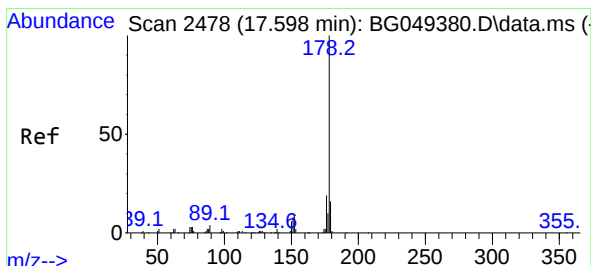
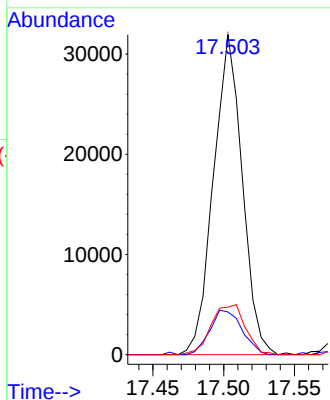
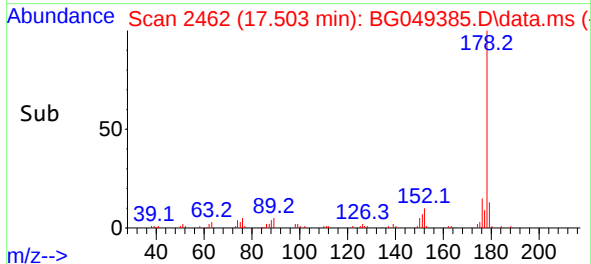
Instrument :
BNA_G
ClientSampled :
BGE1



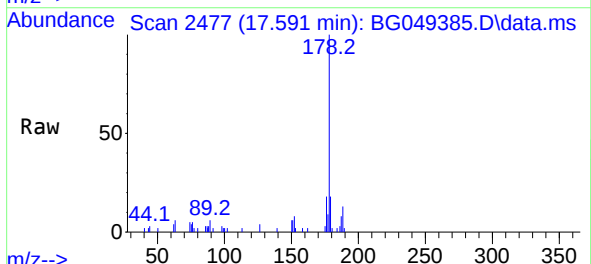
Tgt Ion:178 Resp: 45149
Ion Ratio Lower Upper
178 100
179 13.4 12.8 19.2
176 14.8 15.8 23.8#

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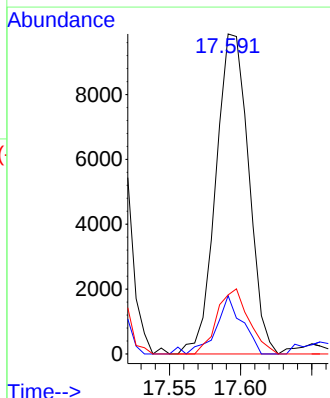
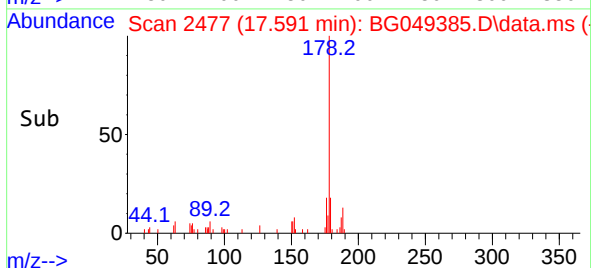
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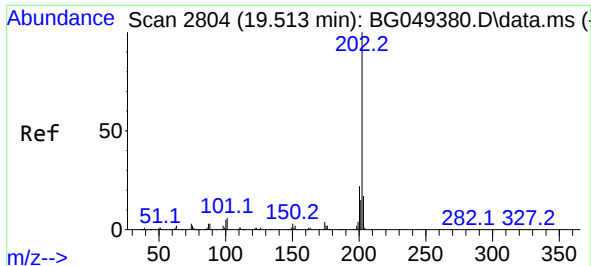


#74
Anthracene
Concen: 1.695 ng/ul
RT: 17.591 min Scan# 2477
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33



Tgt Ion:178 Resp: 15823
Ion Ratio Lower Upper
178 100
179 18.2 12.6 18.8
176 18.4 14.8 22.2





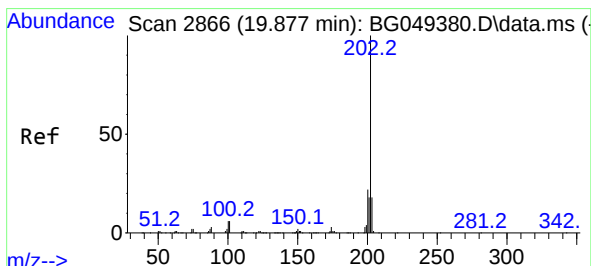
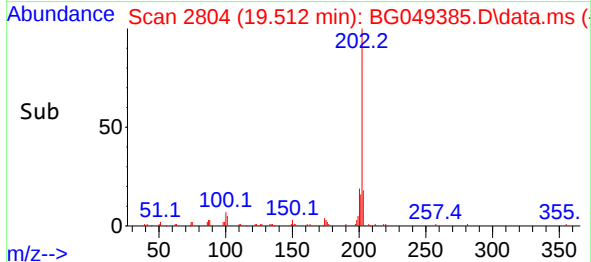
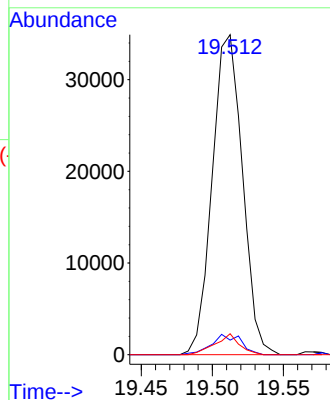
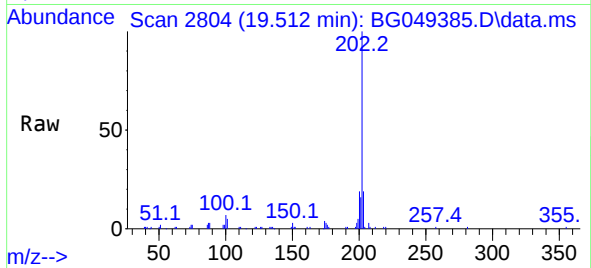
#80
Fluoranthene
Concen: 4.378 ng/ul
RT: 19.512 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.5	4.6	6.8#
100	6.6	4.0	6.0#

Instrument :
BNA_G
ClientSampled :
BGE1

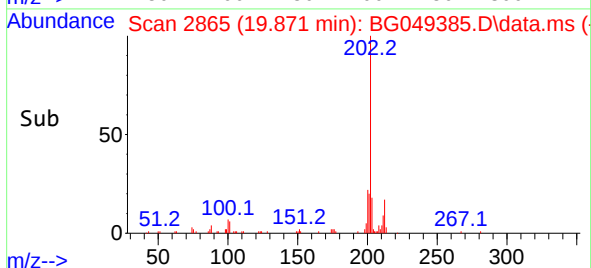
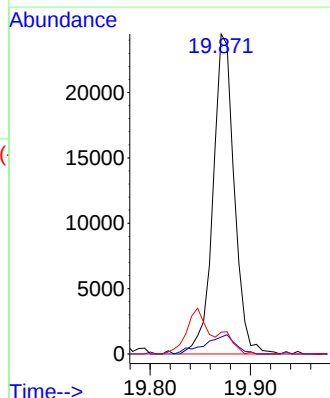
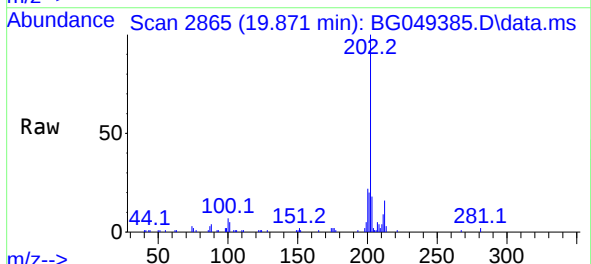
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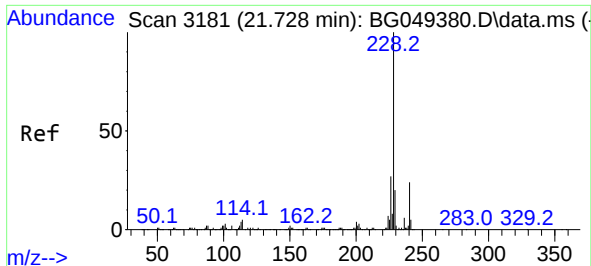
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#82
Pyrene
Concen: 3.051 ng/ul
RT: 19.871 min Scan# 2865
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

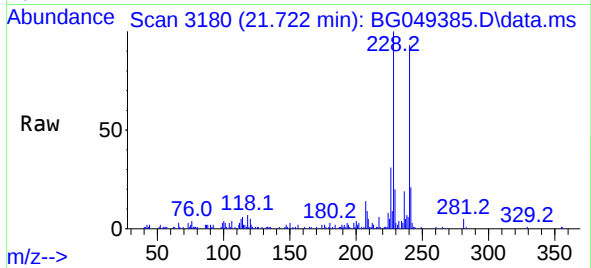
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.3	5.3	7.9
100	6.8	4.7	7.1





#85
Benzo(a)anthracene
Concen: 2.899 ng/u1
RT: 21.722 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

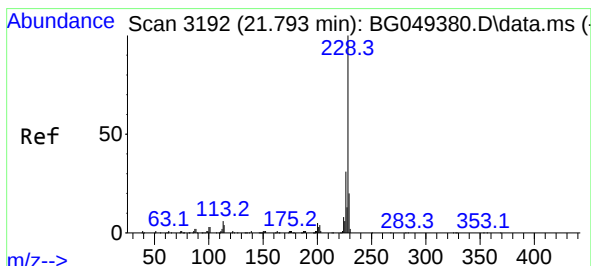
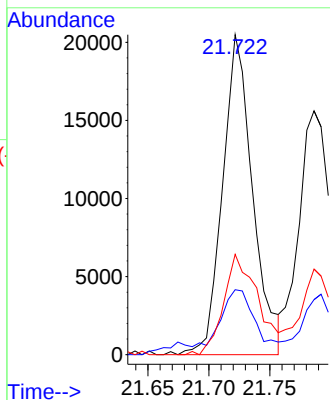
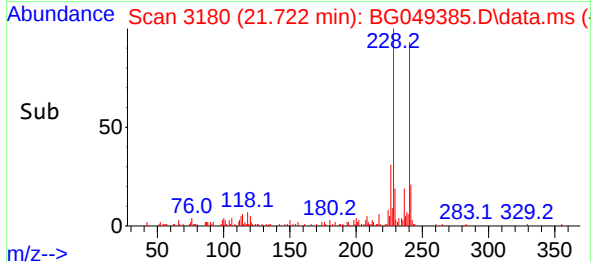
Instrument :
BNA_G
ClientSampled :
BGBE1



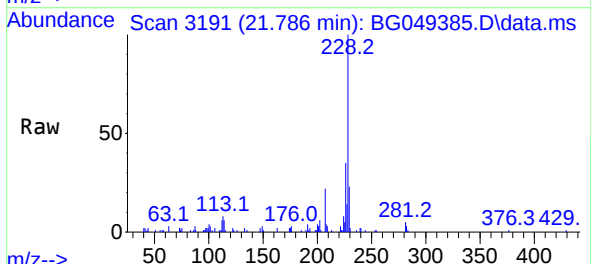
Tgt Ion:228 Resp: 35192
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 31.4 21.3 31.9

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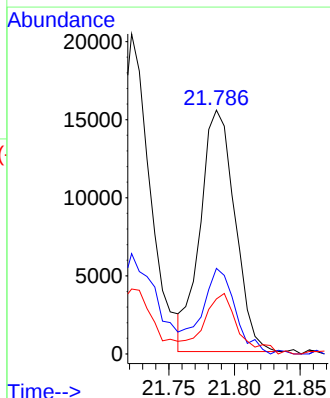
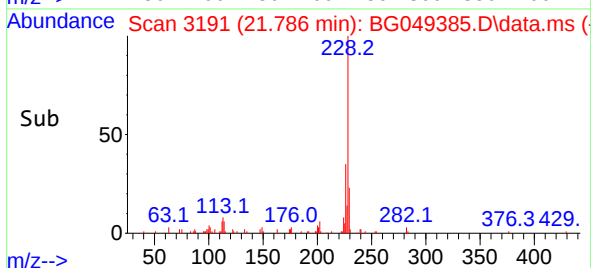
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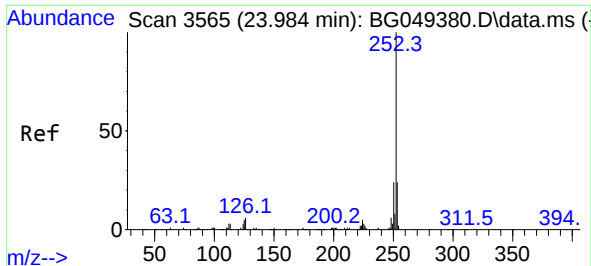


#87
Chrysene
Concen: 2.474 ng/u1
RT: 21.786 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33



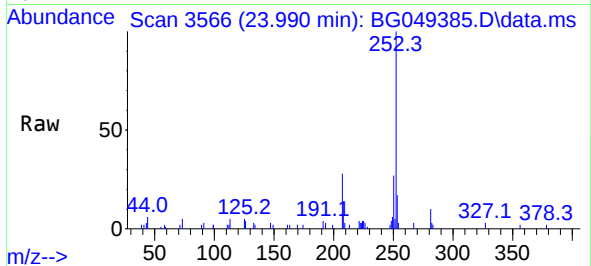
Tgt Ion:228 Resp: 28406
Ion Ratio Lower Upper
228 100
226 35.1 23.9 35.9
229 22.5 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 2.650 ng/ul
RT: 23.990 min Scan# 3566
Delta R.T. -0.000 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

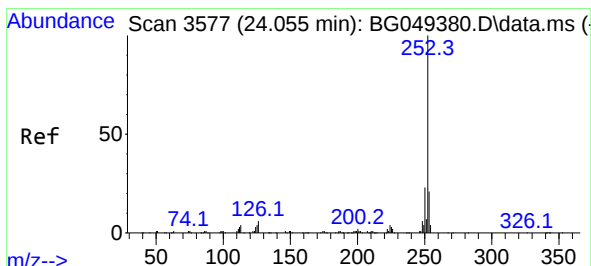
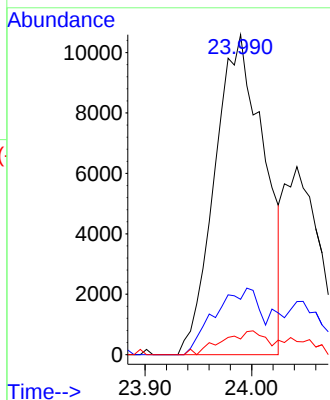
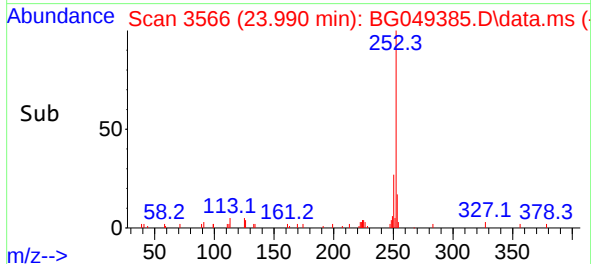
Instrument :
BNA_G
ClientSampled :
BGBE1



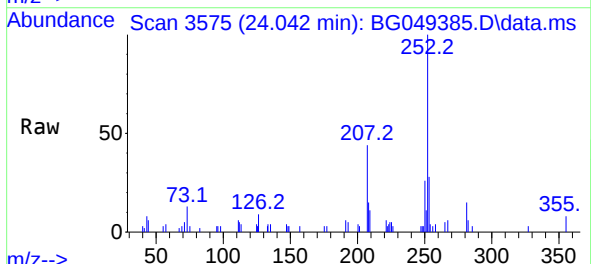
Tgt Ion:252 Resp: 33958
Ion Ratio Lower Upper
252 100
253 17.3 18.3 27.5#
125 4.9 4.0 6.0

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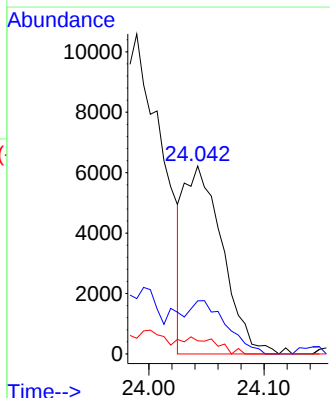
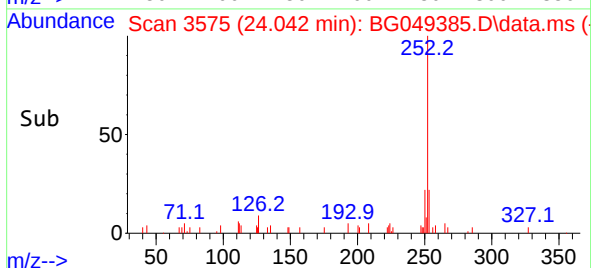
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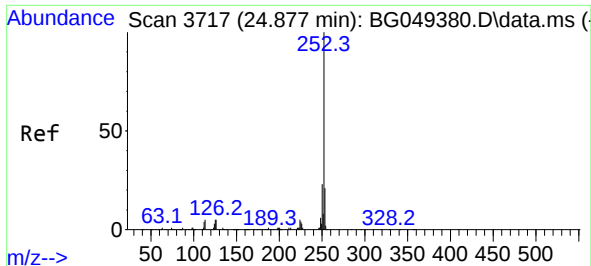


#91
Benzo(k)fluoranthene
Concen: 1.157 ng/ul m
RT: 24.042 min Scan# 3575
Delta R.T. -0.012 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33



Tgt Ion:252 Resp: 14457
Ion Ratio Lower Upper
252 100
253 28.2 16.6 25.0#
125 4.2 3.0 4.6



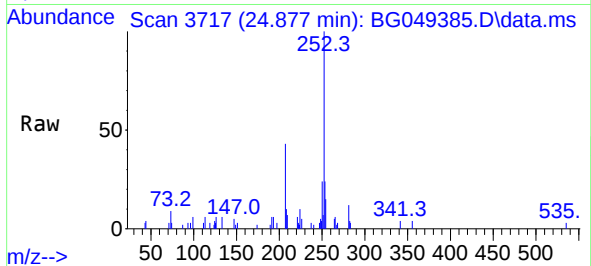


#93
Benzo(a)pyrene
Concen: 1.766 ng/ul
RT: 24.877 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

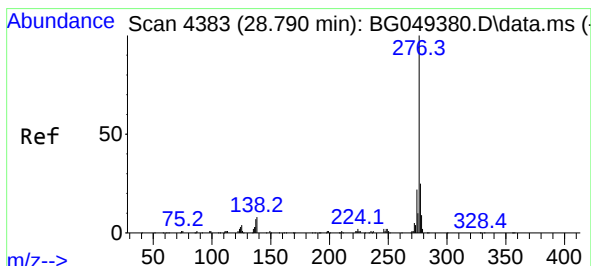
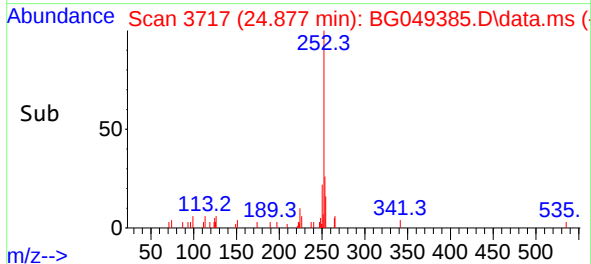
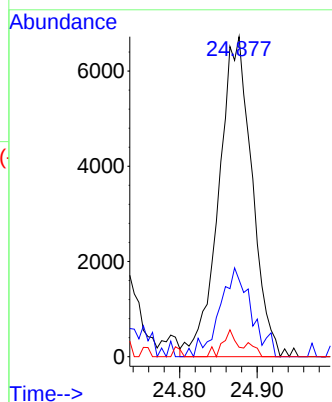
Instrument :
BNA_G
ClientSampled :
BGE01

Manual Integrations
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Tgt Ion:252 Resp: 19916
Ion Ratio Lower Upper
252 100
253 24.0 17.3 25.9
125 3.0 3.4 5.0#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.001 ng/ul m
RT: 28.778 min Scan# 4381
Delta R.T. -0.006 min
Lab File: BG049385.D
Acq: 16 Jul 2021 19:33

Tgt Ion:276 Resp: 14559
Ion Ratio Lower Upper
276 100
138 11.1 6.0 9.0#
277 40.4 18.2 27.2#

