

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049379.D
 Acq On : 16 Jul 2021 15:24
 Operator : CG/JU
 Sample : M2970-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGED2

Manual Integrations
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Quant Time: Jul 16 16:14:27 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	23621	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	103699	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.712	164	78777	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	183792	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.745	240	183065	20.000	ng/ul	0.00
88) Perylene-d12	25.035	264	190274	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	2158m	4.297	ng/uL	0.01
4) Pyridine-d5	3.878	84	18091	12.252	ng/ul	0.00
7) Phenol-d5	7.215	99	51591	25.109	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	32595	27.352	ng/ul	0.00
11) 2-Chlorophenol-d4	7.591	132	41872	27.573	ng/ul	0.00
15) 4-Methylphenol-d8	8.766	113	47026	28.565	ng/ul	0.00
21) Nitrobenzene-d5	9.230	128	22006	27.655	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	26228	28.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	47504	26.651	ng/ul	0.00
31) 4-Chloroaniline-d4	11.017	131	58359	25.125	ng/ul	0.00
46) Dimethylphthalate-d6	14.113	166	176706	29.167	ng/ul	0.00
49) Acenaphthylene-d8	14.407	160	193783	27.261	ng/ul	0.00
54) 4-Nitrophenol-d4	14.912	143	21048	20.990	ng/ul	0.00
60) Fluorene-d10	15.705	176	146974	28.653	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.817	200	21245	18.186	ng/ul	0.00
73) Anthracene-d10	17.562	188	245896	29.386	ng/ul	0.00
81) Pyrene-d10	19.847	212	253223	26.988	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.806	264	206865	20.914	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.509	178	19743	2.202	ng/ul	97
74) Anthracene	17.597	178	9707	1.060	ng/ul	96
80) Fluoranthene	19.512	202	78282	7.174	ng/ul#	96
82) Pyrene	19.877	202	51881	4.772	ng/ul#	92
85) Benzo(a)anthracene	21.728	228	44664	3.970	ng/ul	99
87) Chrysene	21.792	228	35434m	3.330	ng/ul	
90) Benzo(b)fluoranthene	23.995	252	45817m	3.903	ng/ul	
91) Benzo(k)fluoranthene	24.054	252	16485	1.440	ng/ul#	94
93) Benzo(a)pyrene	24.889	252	21651m	2.096	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.790	276	17380m	1.304	ng/ul	

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

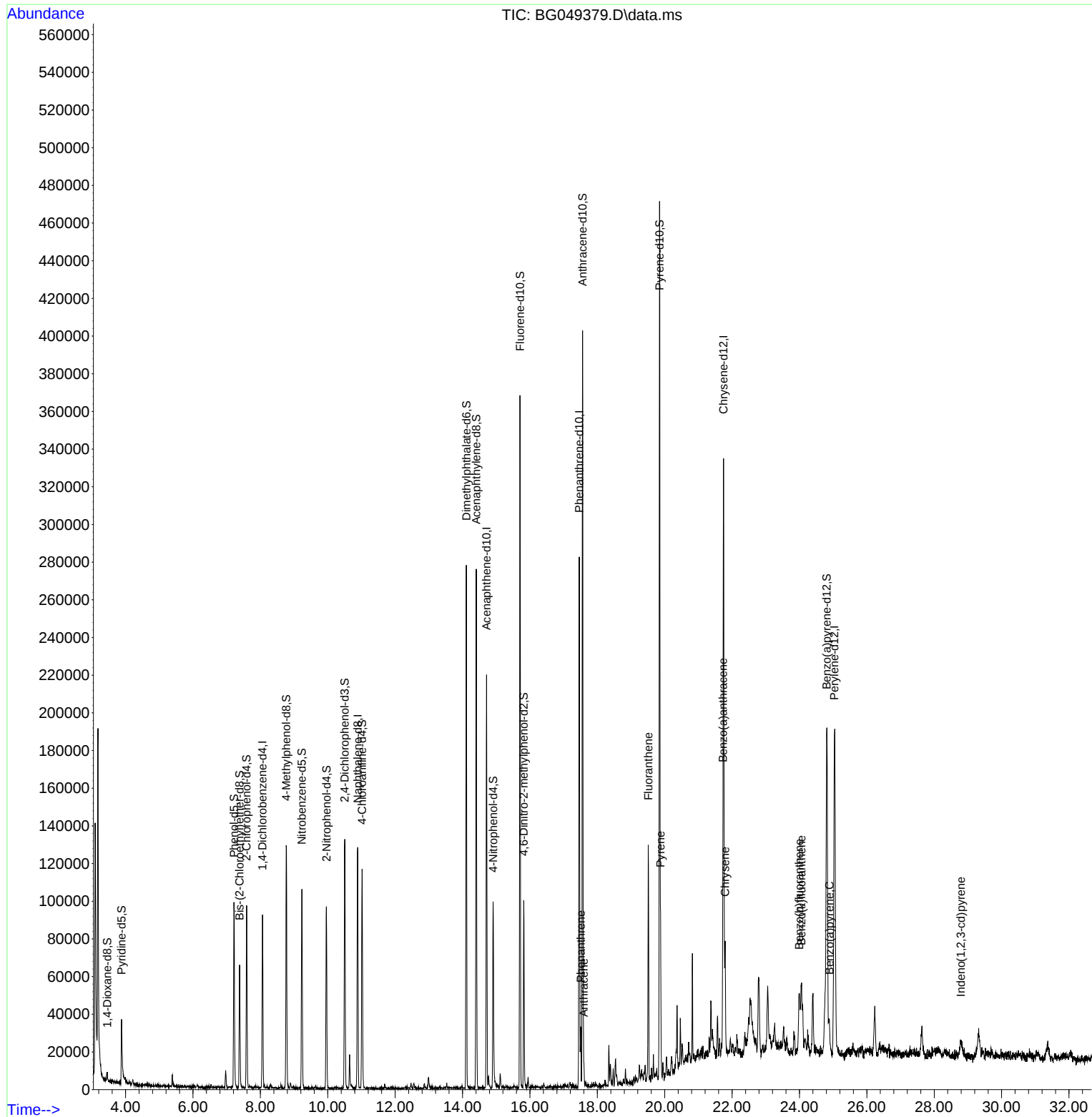
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049379.D
Acq On : 16 Jul 2021 15:24
Operator : CG/JU
Sample : M2970-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

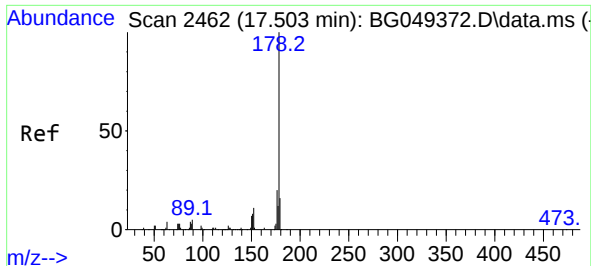
Instrument :
BNA_G
ClientSampleId :
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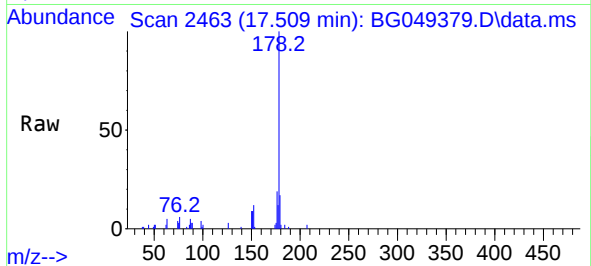
Quant Time: Jul 16 16:14:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 16 15:19:54 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.202 ng/u1
RT: 17.509 min Scan# 2463
Delta R.T. 0.006 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

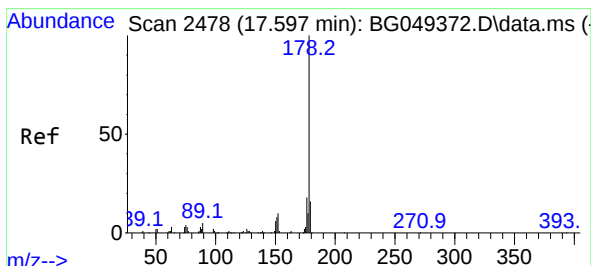
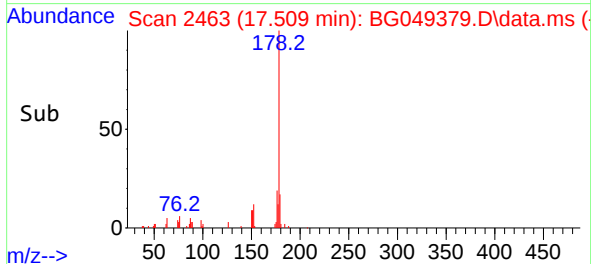
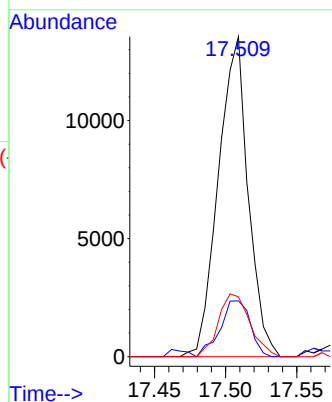
Instrument :
BNA_G
ClientSampleId :
BGED2



Tgt Ion:178 Resp: 19743
Ion Ratio Lower Upper
178 100
179 17.5 12.8 19.2
176 18.7 15.8 23.8

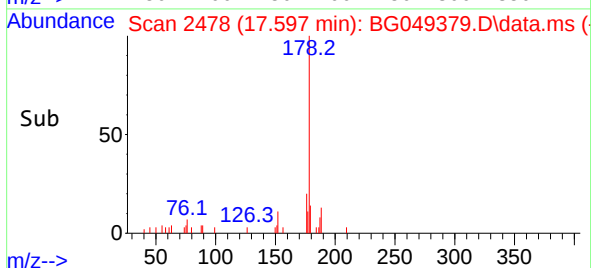
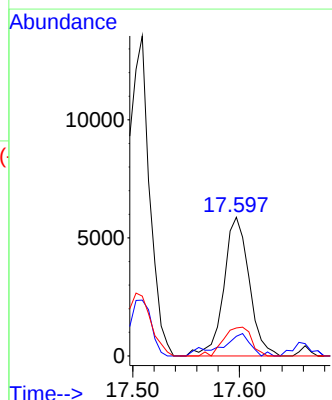
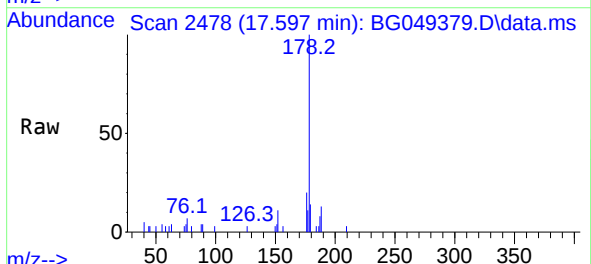
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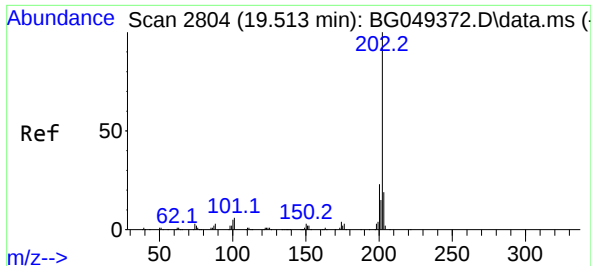
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#74
Anthracene
Concen: 1.060 ng/u1
RT: 17.597 min Scan# 2478
Delta R.T. -0.000 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

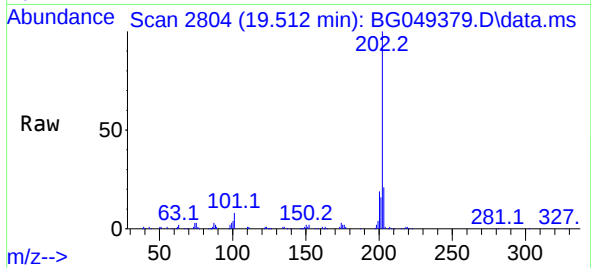
Tgt Ion:178 Resp: 9707
Ion Ratio Lower Upper
178 100
179 14.1 12.6 18.8
176 20.2 14.8 22.2





#80
Fluoranthene
Concen: 7.174 ng/ul
RT: 19.512 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

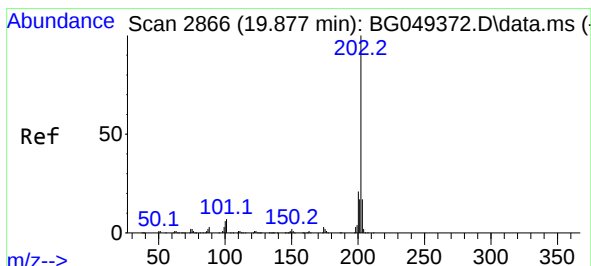
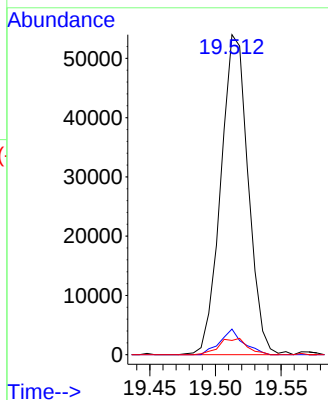
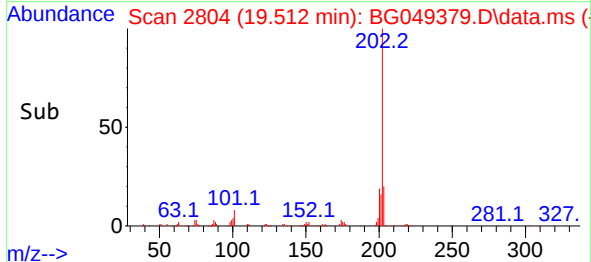
Instrument :
BNA_G
ClientSampleId :
BGED2



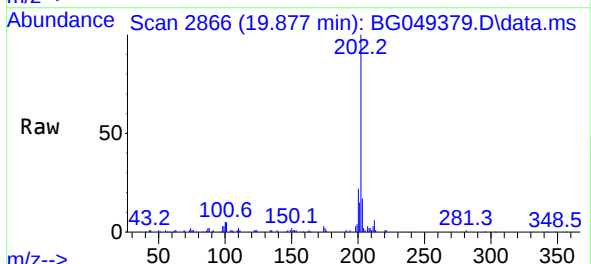
Tgt Ion:202 Resp: 78282
Ion Ratio Lower Upper
202 100
101 8.0 4.6 6.8#
100 4.4 4.0 6.0

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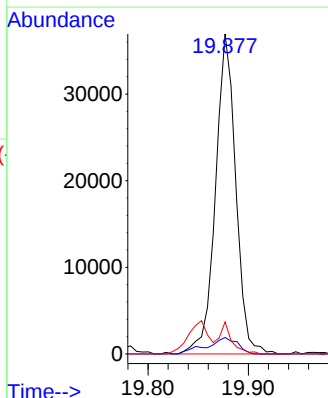
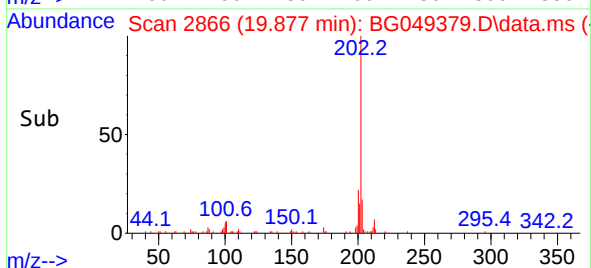
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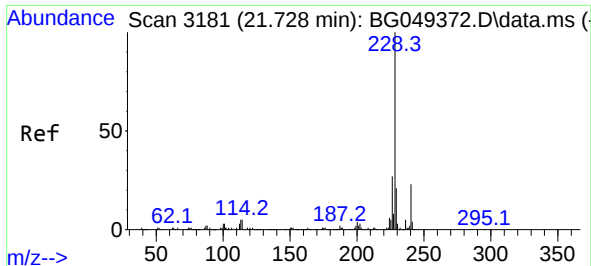


#82
Pyrene
Concen: 4.772 ng/ul
RT: 19.877 min Scan# 2866
Delta R.T. -0.000 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24



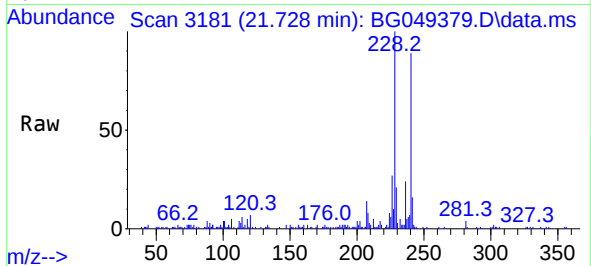
Tgt Ion:202 Resp: 51881
Ion Ratio Lower Upper
202 100
101 5.1 5.3 7.9#
100 10.0 4.7 7.1#





#85
Benzo(a)anthracene
Concen: 3.970 ng/ul
RT: 21.728 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

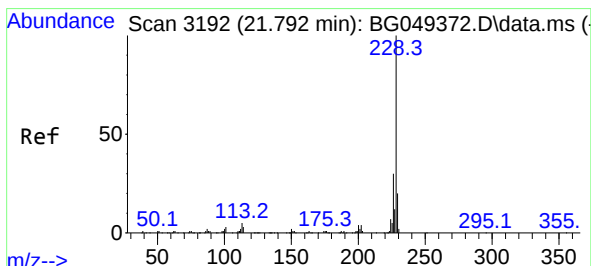
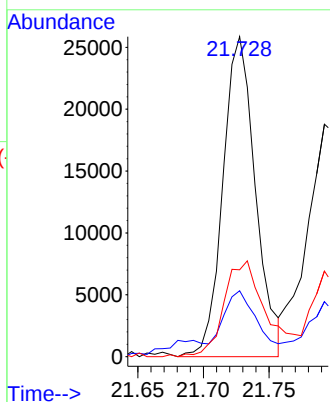
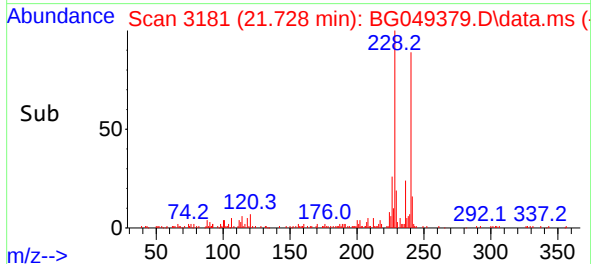
Instrument :
BNA_G
ClientSampled :
BGED2



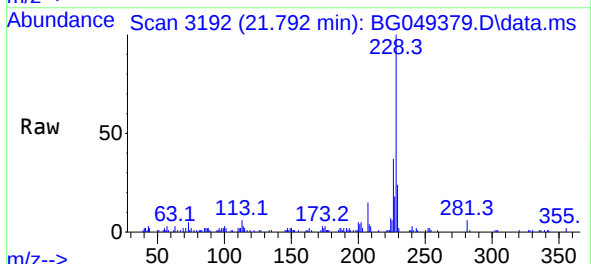
Tgt Ion:228 Resp: 44664
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 27.1 21.3 31.9

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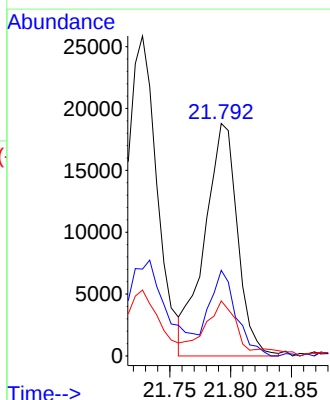
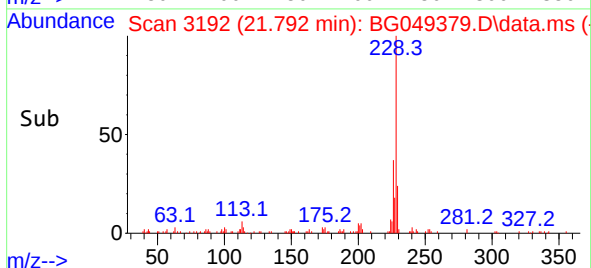
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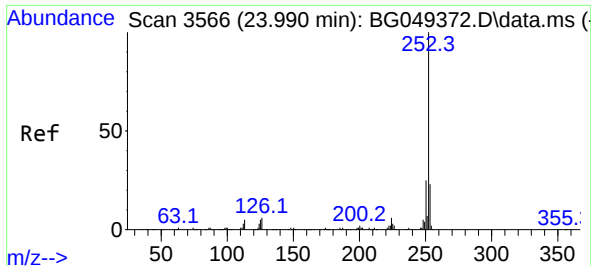


#87
Chrysene
Concen: 3.330 ng/ul m
RT: 21.792 min Scan# 3192
Delta R.T. -0.000 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24



Tgt Ion:228 Resp: 35434
Ion Ratio Lower Upper
228 100
226 36.8 23.9 35.9#
229 23.6 15.8 23.6#





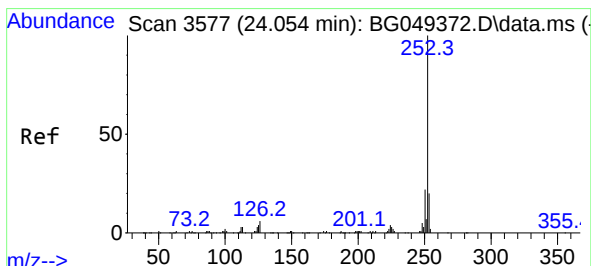
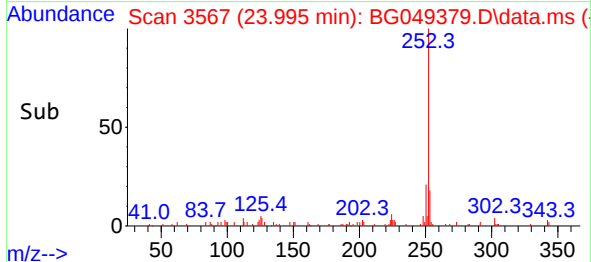
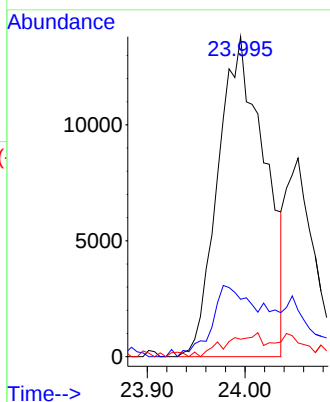
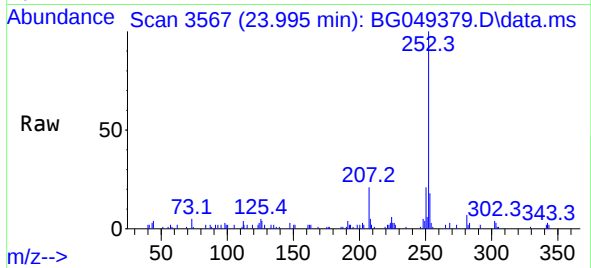
#90
Benzo(b)fluoranthene
Concen: 3.903 ng/ul m
RT: 23.995 min Scan# 3567
Delta R.T. 0.006 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

Instrument :
BNA_G
ClientSampleId :
BGED2

Tgt Ion:252 Resp: 45817
Ion Ratio Lower Upper
252 100
253 18.0 18.3 27.5#
125 5.4 4.0 6.0

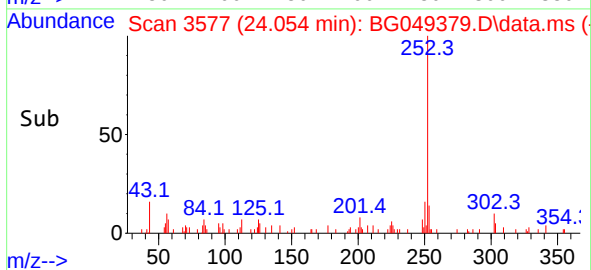
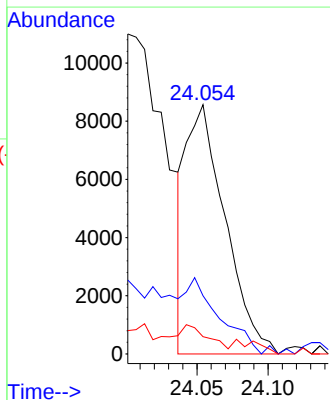
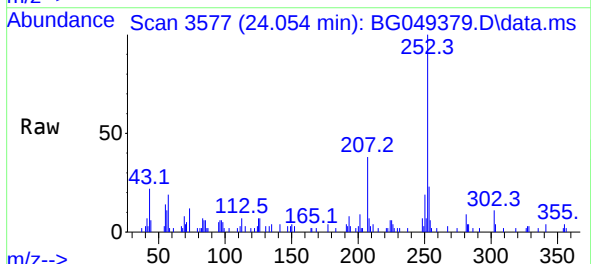
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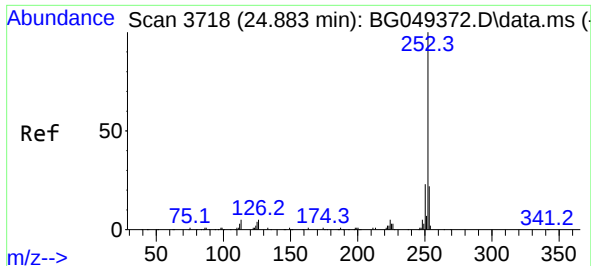
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#91
Benzo(k)fluoranthene
Concen: 1.440 ng/ul
RT: 24.054 min Scan# 3577
Delta R.T. -0.000 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

Tgt Ion:252 Resp: 16485
Ion Ratio Lower Upper
252 100
253 23.3 16.6 25.0
125 7.0 3.0 4.6#





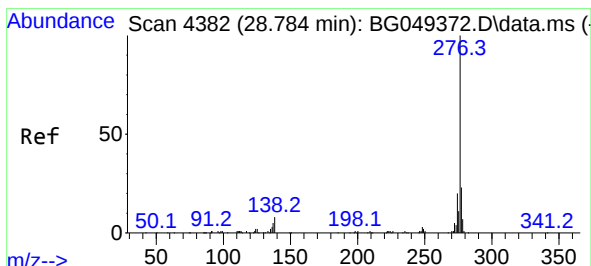
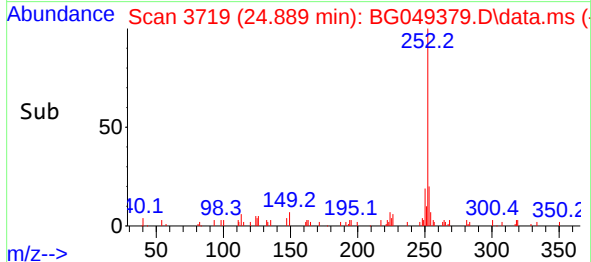
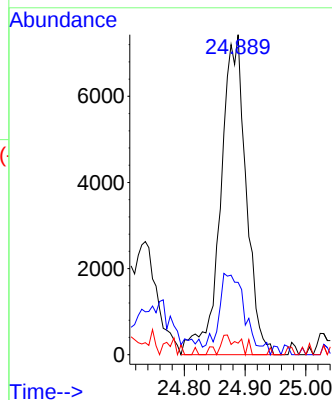
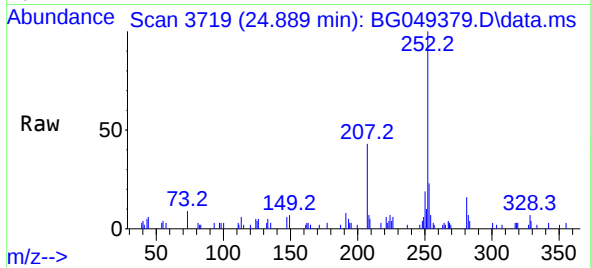
#93
Benzo(a)pyrene
Concen: 2.096 ng/ul m
RT: 24.889 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

Tgt Ion:	252	Resp:	21651
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	3.6	3.4	5.0

Instrument :
BNA_G
ClientSampleId :
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.304 ng/ul m
RT: 28.790 min Scan# 4383
Delta R.T. 0.006 min
Lab File: BG049379.D
Acq: 16 Jul 2021 15:24

Tgt Ion:	276	Resp:	17380
Ion Ratio	Lower	Upper	
276	100		
138	12.0	6.0	9.0#
277	16.6	18.2	27.2#

