

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
 Data File : BG049987.D
 Acq On : 26 Aug 2021 23:00
 Operator : CG/JU
 Sample : M3458-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B56

Manual Integrations
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Quant Time: Aug 27 02:02:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 26 15:41:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	26275	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.786	136	108754	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.628	164	72967	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.377	188	159904	20.000	ng/ul	-0.02
79) Chrysene-d12	21.654	240	151928	20.000	ng/ul	-0.01
88) Perylene-d12	24.885	264	151990	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	1641	3.221	ng/uL	-0.02
4) Pyridine-d5	3.766	84	13034	8.492	ng/ul	0.00
7) Phenol-d5	7.138	99	34571	15.494	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.291	67	21842	17.621	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.503	132	28268	16.932	ng/ul	-0.01
15) 4-Methylphenol-d8	8.689	113	16969	9.657	ng/ul	-0.01
21) Nitrobenzene-d5	9.136	128	16044	19.029	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.864	143	18457	18.384	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.422	165	31036	17.332	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1464m	0.601	ng/ul	0.01
46) Dimethylphthalate-d6	14.029	166	104596	18.731	ng/ul	-0.01
49) Acenaphthylene-d8	14.323	160	128552	19.634	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.863	143	11667	14.440	ng/ul	0.00
60) Fluorene-d10	15.621	176	90567	19.129	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.756	200	12364	12.019	ng/ul	-0.01
73) Anthracene-d10	17.477	188	139581	19.439	ng/ul	-0.02
81) Pyrene-d10	19.768	212	165251	20.128	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.662	264	137243	17.020	ng/ul	-0.01
Target Compounds					Qvalue	
30) Naphthalene	10.839	128	6839	1.258	ng/ul	98
36) 2-Methylnaphthalene	12.449	142	5302	1.312	ng/ul	88
37) 1-Methylnaphthalene	12.672	142	5303	1.300	ng/ul#	61
72) Phenanthrene	17.424	178	69575	8.728	ng/ul	96
74) Anthracene	17.513	178	9040m	1.119	ng/ul	
77) Carbazole	17.789	167	7686	1.069	ng/ul#	93
80) Fluoranthene	19.439	202	113088	11.162	ng/ul	98
82) Pyrene	19.798	202	89749	8.940	ng/ul	99
85) Benzo(a)anthracene	21.636	228	43504	4.595	ng/ul	98
87) Chrysene	21.695	228	47180	5.272	ng/ul	97
90) Benzo(b)fluoranthene	23.857	252	64543	6.639	ng/ul#	94
91) Benzo(k)fluoranthene	23.916	252	17533m	1.897	ng/ul	
93) Benzo(a)pyrene	24.726	252	35866	4.248	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.568	276	30172m	2.709	ng/ul	

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

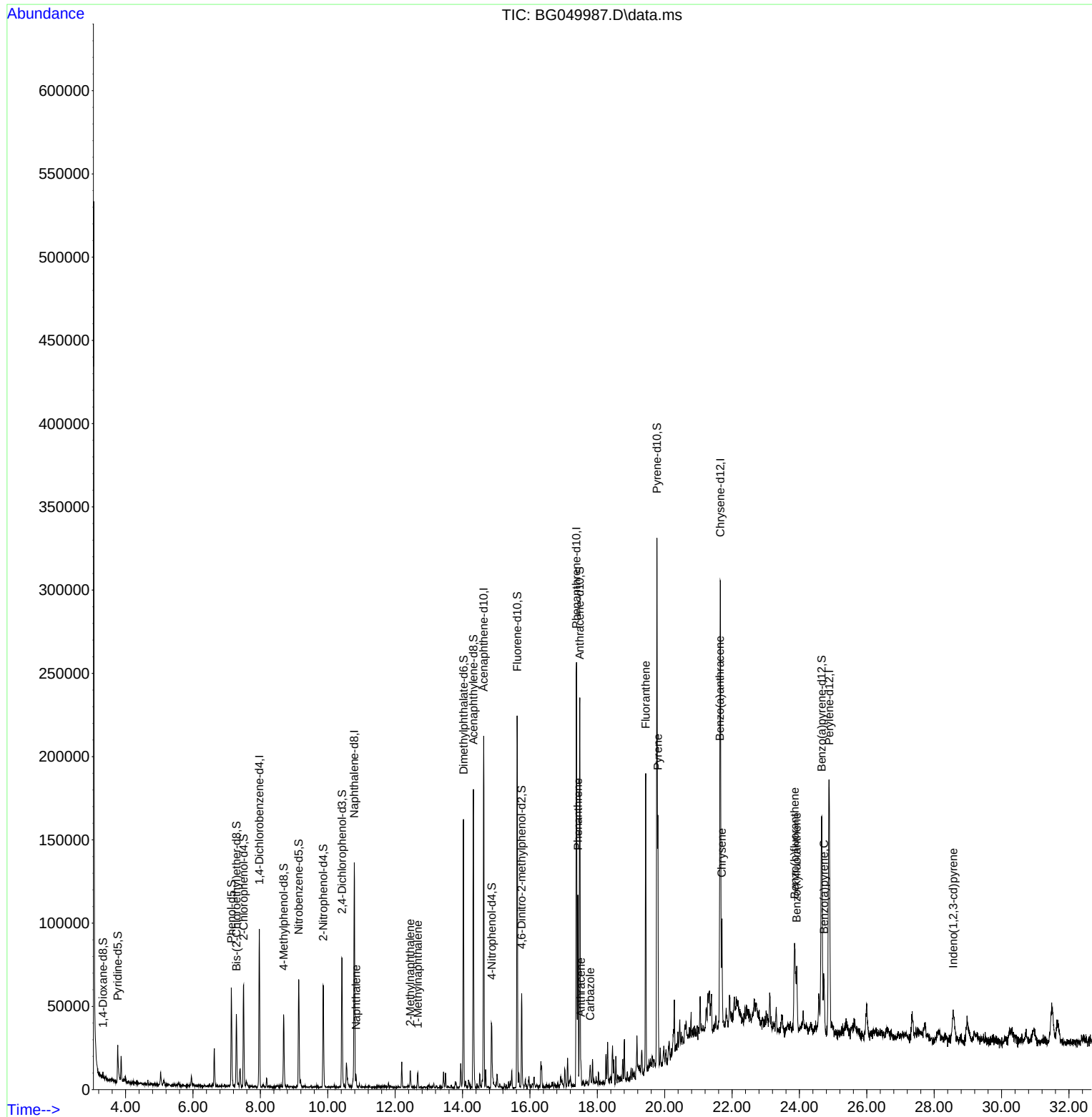
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG049987.D
Acq On : 26 Aug 2021 23:00
Operator : CG/JU
Sample : M3458-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

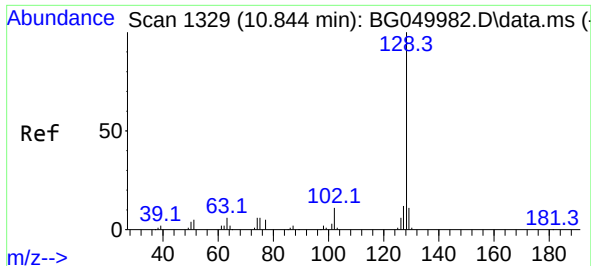
Instrument :
BNA_G
ClientSampleId :
C0B56

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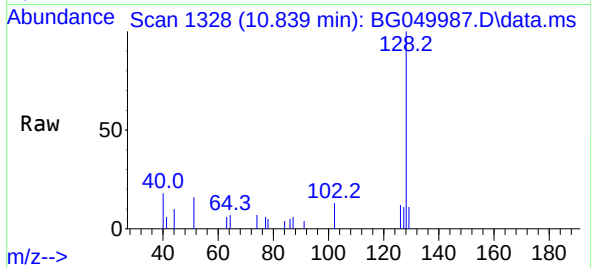
Quant Time: Aug 27 02:02:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 26 15:41:36 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.258 ng/ul
RT: 10.839 min Scan# 1328
Delta R.T. -0.017 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

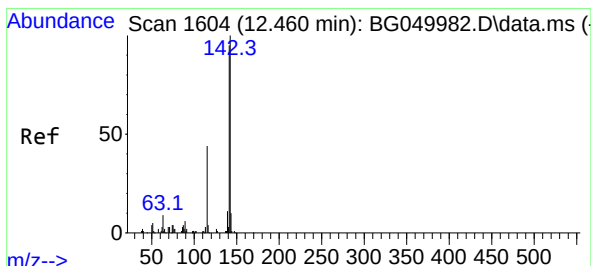
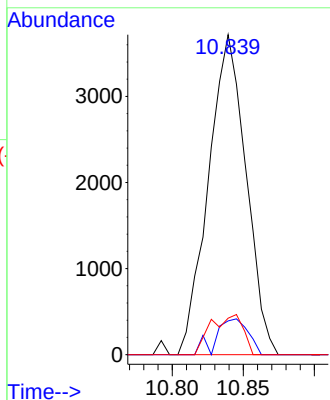
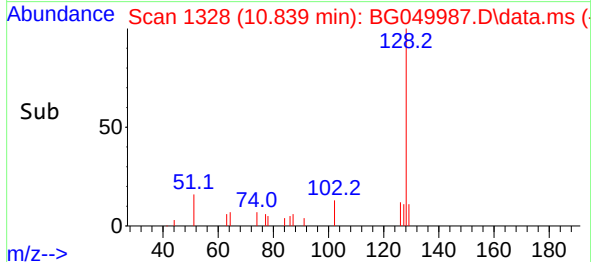
Instrument :
BNA_G
ClientSampled :
C0B56



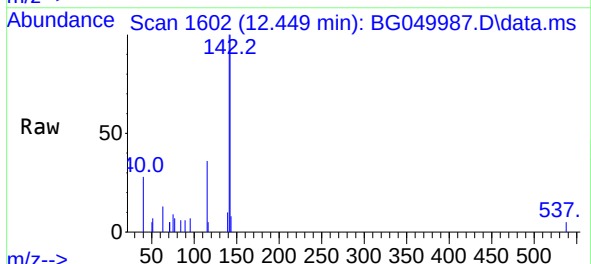
Tgt Ion:	128	Resp:	6839
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	11.4	9.8	14.6

Manual Integrations
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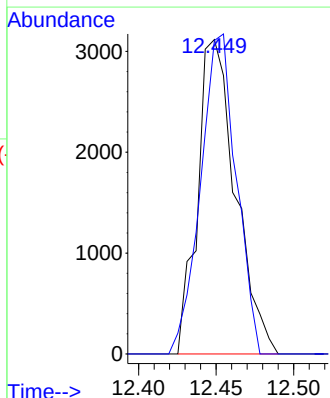
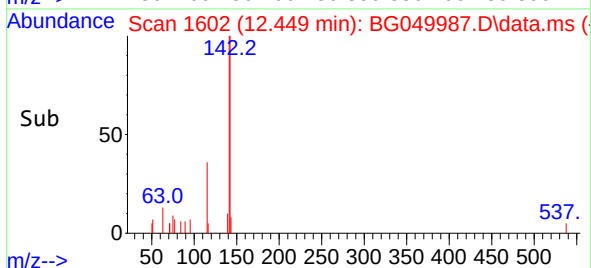
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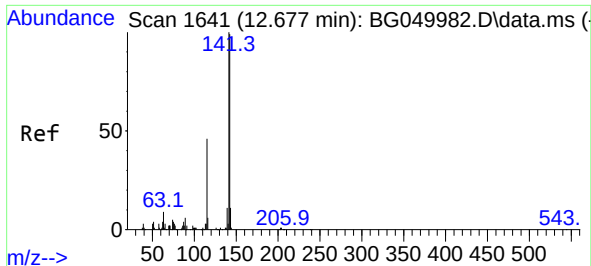


#36
2-Methylnaphthalene
Concen: 1.312 ng/ul
RT: 12.449 min Scan# 1602
Delta R.T. -0.017 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00



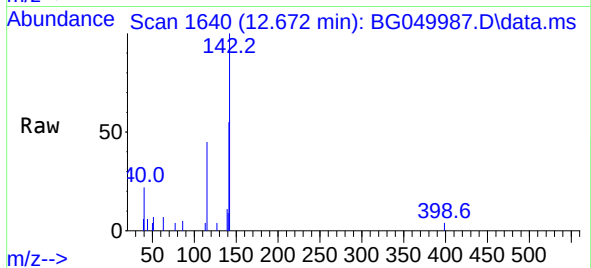
Tgt Ion:	142	Resp:	5302
Ion	Ratio	Lower	Upper
142	100		
141	99.7	70.5	105.7





#37
1-Methylnaphthalene
Concen: 1.300 ng/ul
RT: 12.672 min Scan# 1640
Delta R.T. -0.011 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

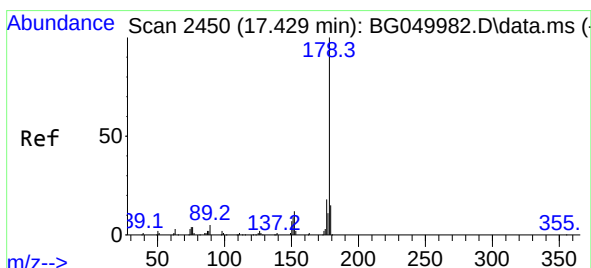
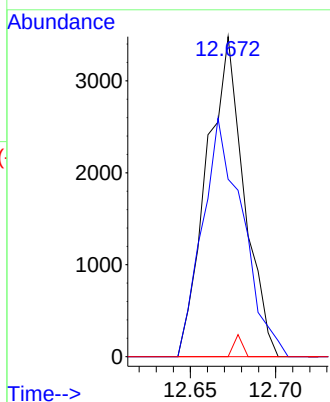
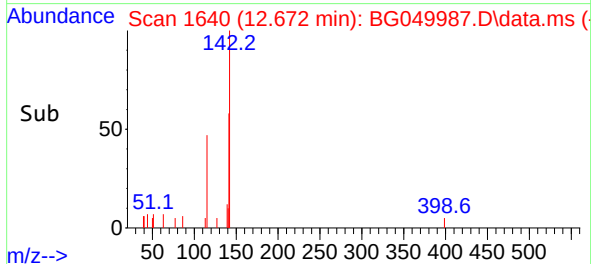
Instrument :
BNA_G
ClientSampled :
C0B56



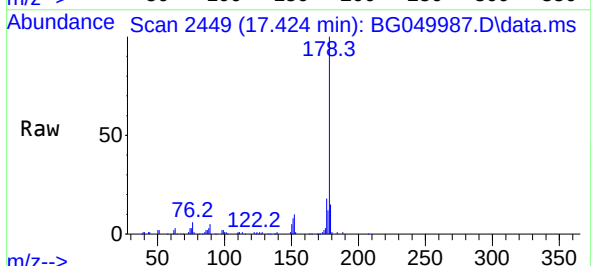
Tgt Ion:142 Resp: 5303
Ion Ratio Lower Upper
142 100
141 55.5 75.8 113.8#
116 0.0 3.7 5.5#

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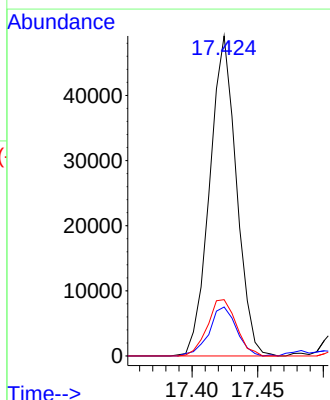
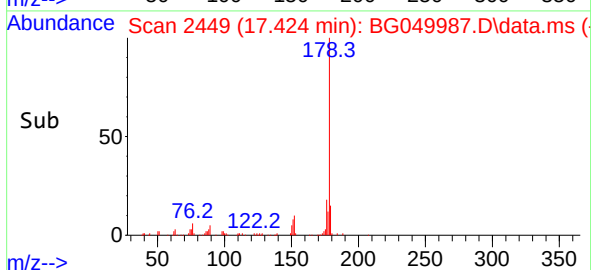
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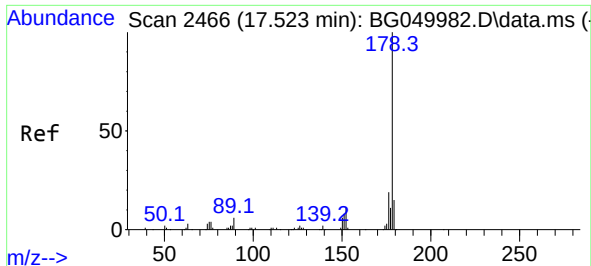


#72
Phenanthrene
Concen: 8.728 ng/ul
RT: 17.424 min Scan# 2449
Delta R.T. -0.011 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

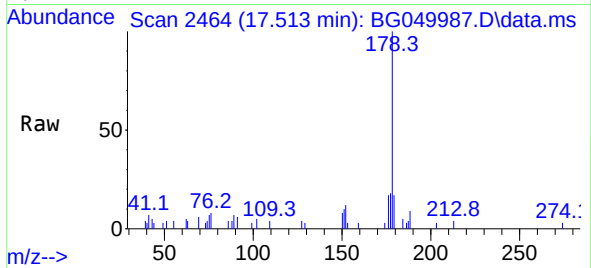


Tgt Ion:178 Resp: 69575
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 17.6 16.2 24.2

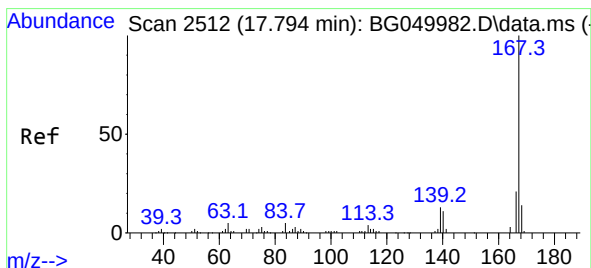
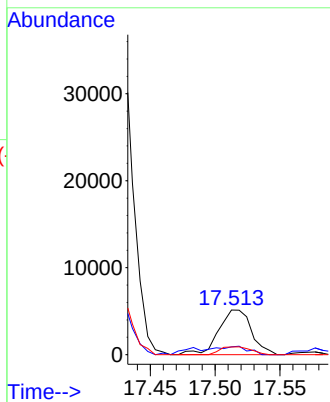
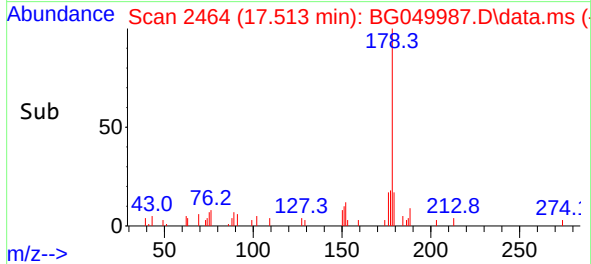




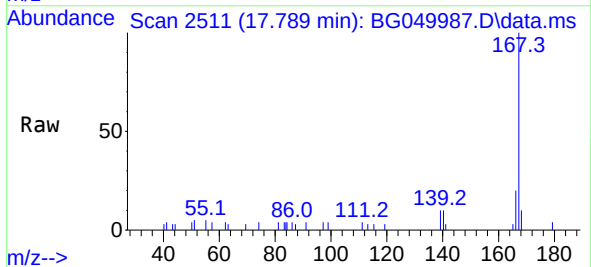
#74
 Anthracene
 Concen: 1.119 ng/ul m
 RT: 17.513 min Scan# 2464
 Delta R.T. -0.011 min
 Lab File: BG049987.D
 Acq: 26 Aug 2021 23:00



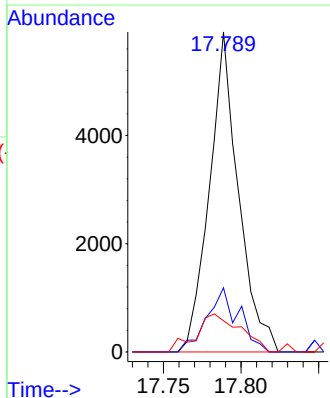
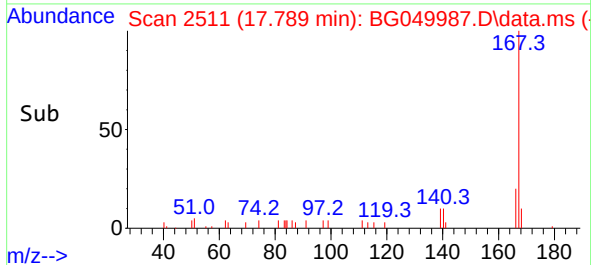
Tgt Ion:178 Resp: 9040
 Ion Ratio Lower Upper
 178 100
 179 17.4 11.4 17.0#
 176 17.3 12.8 19.2



#77
 Carbazole
 Concen: 1.069 ng/ul
 RT: 17.789 min Scan# 2511
 Delta R.T. -0.011 min
 Lab File: BG049987.D
 Acq: 26 Aug 2021 23:00



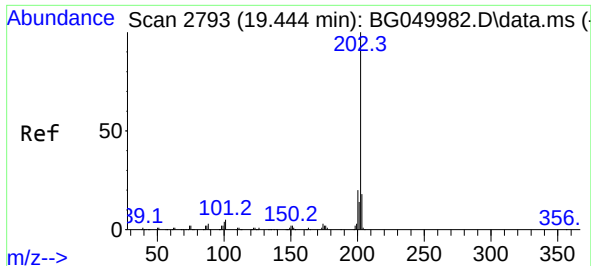
Tgt Ion:167 Resp: 7686
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.8 26.8
 139 9.7 11.1 16.7#



Instrument :
 BNA_G
 ClientSampleId :
 C0B56

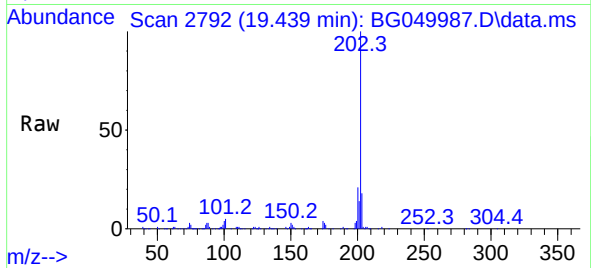
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#80
Fluoranthene
Concen: 11.162 ng/ul
RT: 19.439 min Scan# 2792
Delta R.T. -0.005 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

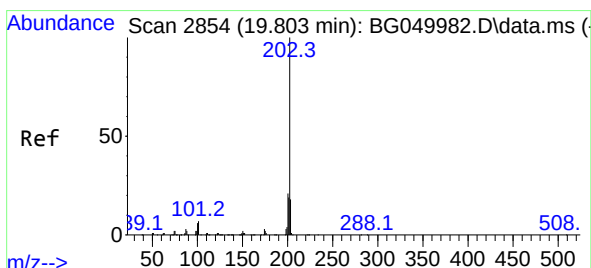
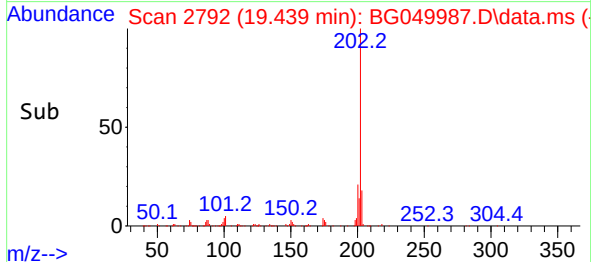
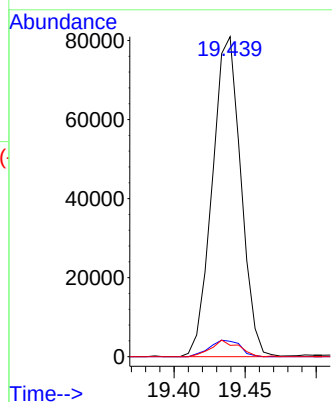
Instrument :
BNA_G
ClientSampled :
C0B56



Tgt Ion:202 Resp: 113088
Ion Ratio Lower Upper
202 100
101 4.8 4.3 6.5
100 3.6 3.5 5.3

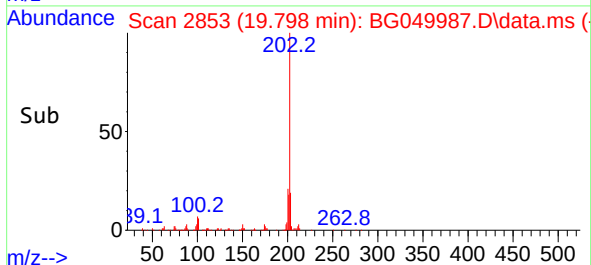
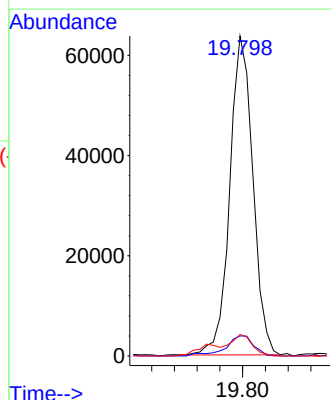
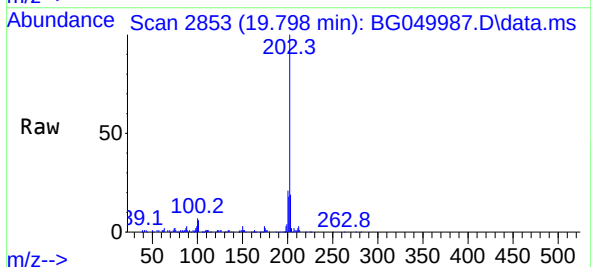
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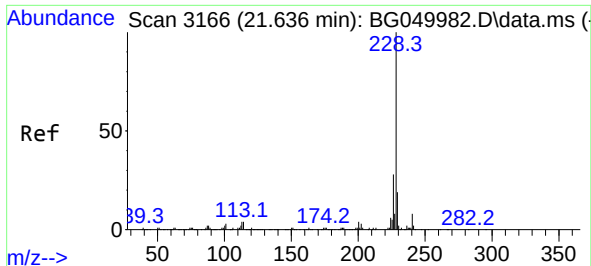
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#82
Pyrene
Concen: 8.940 ng/ul
RT: 19.798 min Scan# 2853
Delta R.T. -0.011 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

Tgt Ion:202 Resp: 89749
Ion Ratio Lower Upper
202 100
101 6.3 5.4 8.0
100 6.7 5.0 7.6





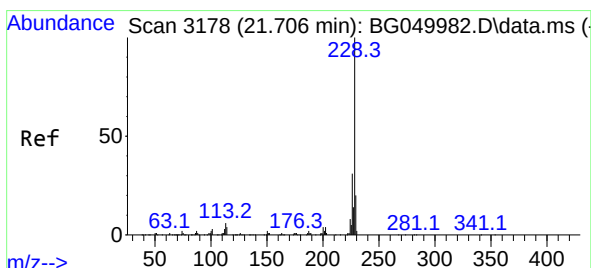
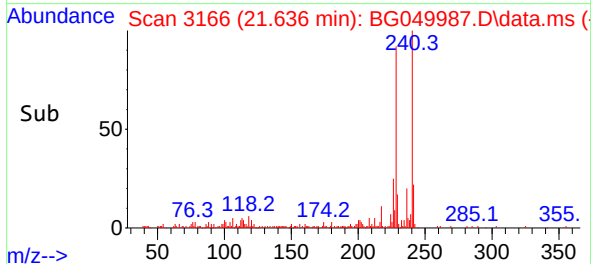
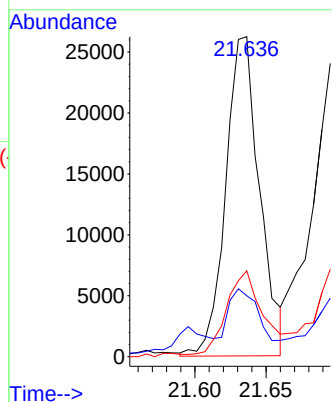
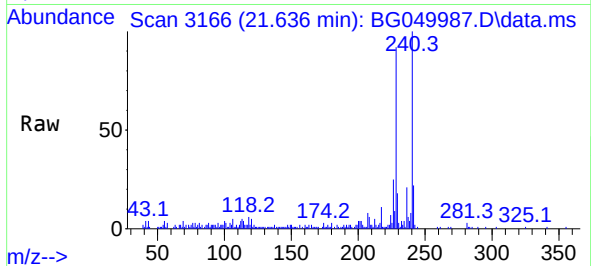
#85
Benzo(a)anthracene
Concen: 4.595 ng/u1
RT: 21.636 min Scan# 3166
Delta R.T. -0.011 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

Tgt Ion:	228	Resp:	43504
Ion Ratio	Lower	Upper	
228	100		
229	19.1	16.2	24.4
226	26.8	21.0	31.4

Instrument :
BNA_G
ClientSampled :
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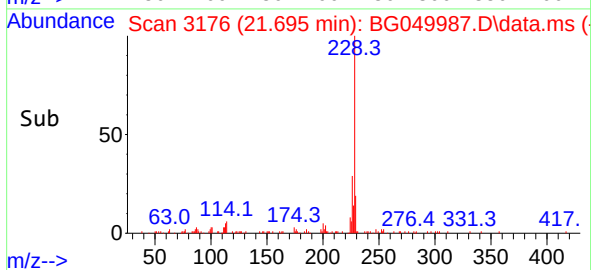
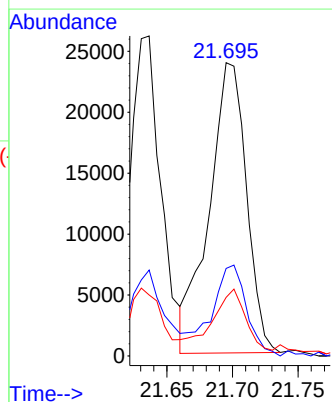
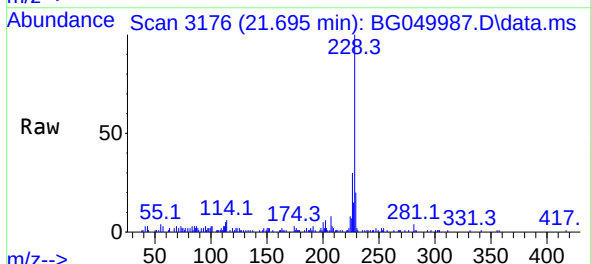
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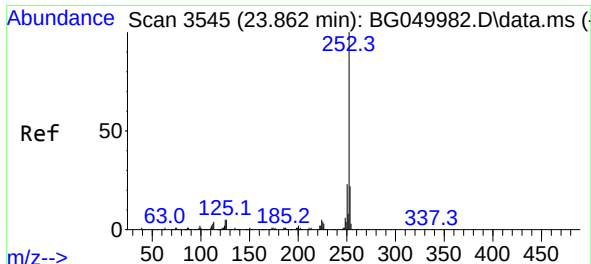
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#87
Chrysene
Concen: 5.272 ng/u1
RT: 21.695 min Scan# 3176
Delta R.T. -0.017 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

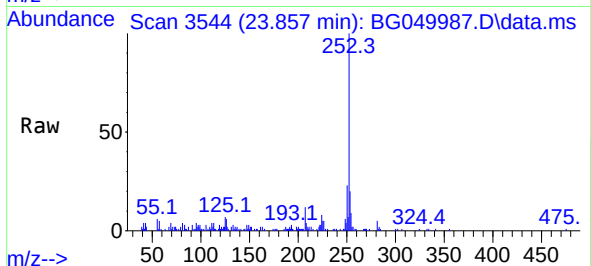
Tgt Ion:	228	Resp:	47180
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.0	34.4
229	19.9	17.8	26.6





#90
Benzo(b)fluoranthene
Concen: 6.639 ng/ul
RT: 23.857 min Scan# 3544
Delta R.T. -0.005 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

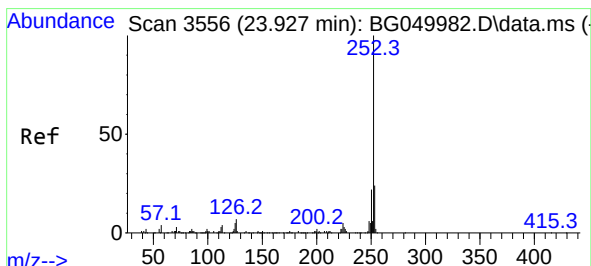
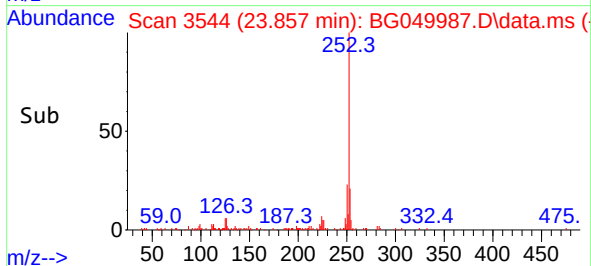
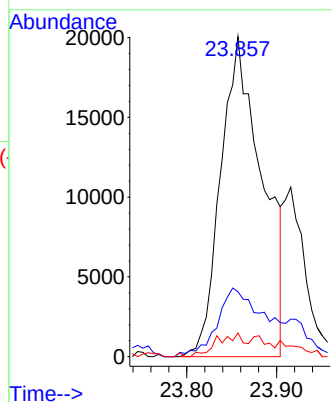
Instrument :
BNA_G
ClientSampled :
C0B56



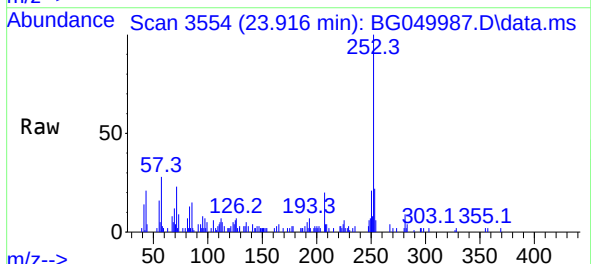
Tgt Ion:252 Resp: 64543
Ion Ratio Lower Upper
252 100
253 20.3 18.1 27.1
125 7.4 3.4 5.0#

Manual Integrations
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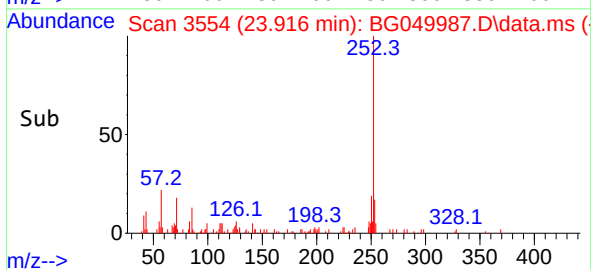
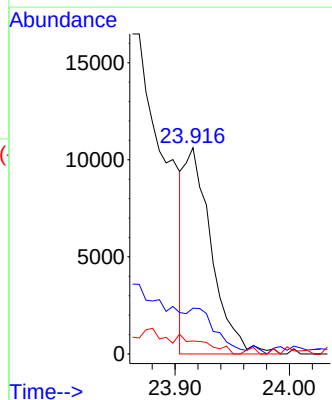
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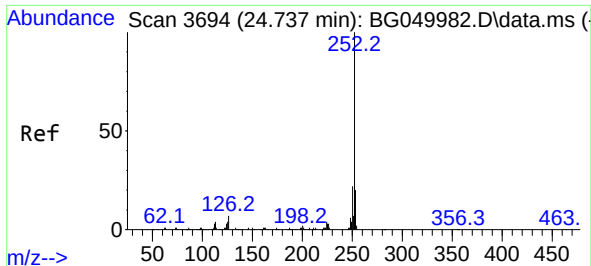


#91
Benzo(k)fluoranthene
Concen: 1.897 ng/ul m
RT: 23.916 min Scan# 3554
Delta R.T. -0.017 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00



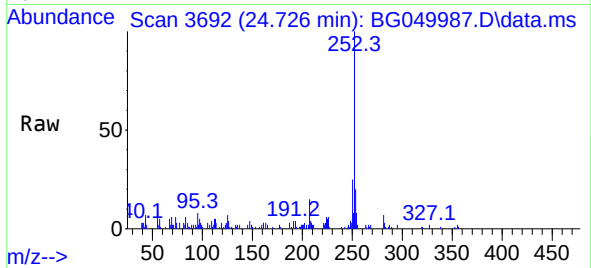
Tgt Ion:252 Resp: 17533
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 6.3 4.1 6.1#





#93
Benzo(a)pyrene
Concen: 4.248 ng/ul
RT: 24.726 min Scan# 3692
Delta R.T. -0.017 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00

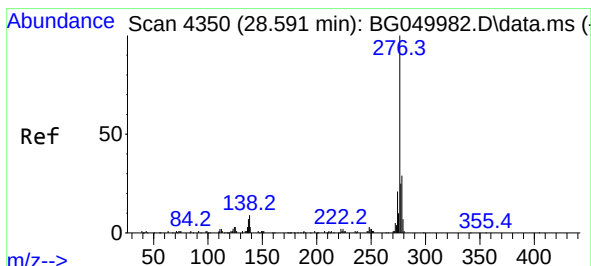
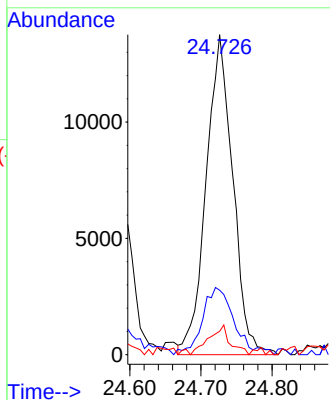
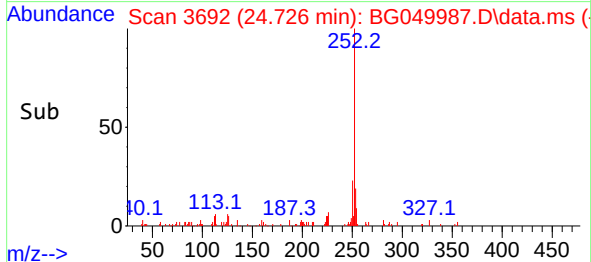
Instrument :
BNA_G
ClientSampled :
C0B56



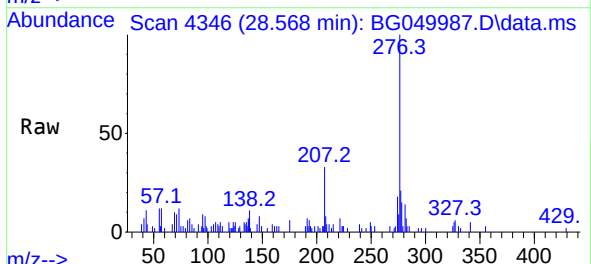
Tgt Ion:252 Resp: 35866
Ion Ratio Lower Upper
252 100
253 20.2 17.0 25.4
125 7.3 4.4 6.6#

Manual Integrations
APPROVED

mohammad
8/27/2021 5:08:40 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.709 ng/ul m
RT: 28.568 min Scan# 4346
Delta R.T. -0.022 min
Lab File: BG049987.D
Acq: 26 Aug 2021 23:00



Tgt Ion:276 Resp: 30172
Ion Ratio Lower Upper
276 100
138 10.9 5.5 8.3#
277 21.1 18.6 27.8

