

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
 Data File : BG049682.D
 Acq On : 6 Aug 2021 19:09
 Operator : CG/JU
 Sample : M3124-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0086

Manual Integrations
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Quant Time: Aug 06 23:35:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 04 16:17:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	34261	20.000	ng/ul	0.00
20) Naphthalene-d8	10.862	136	138050	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.693	164	90139	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	171470m	20.000	ng/ul	0.00
79) Chrysene-d12	21.724	240	154043m	20.000	ng/ul	0.00
88) Perylene-d12	25.002	264	159299	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	2134	2.912	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.197	99	69728	22.425	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.361	67	39932	22.358	ng/ul	0.00
11) 2-Chlorophenol-d4	7.573	132	50373	22.635	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	46408	19.575	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	27801	25.565	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	32180	25.912	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	53336	22.777	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	24881	7.761	ng/ul	0.00
46) Dimethylphthalate-d6	14.093	166	176748	24.987	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	204507	24.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	16615m	14.528	ng/ul	0.01
60) Fluorene-d10	15.685	176	148740	24.462	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	23739m	20.570	ng/ul	0.00
73) Anthracene-d10	17.542	188	198752	24.555	ng/ul	0.00
81) Pyrene-d10	19.833	212	190966	22.500	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	152116	17.427	ng/ul	0.00
Target Compounds					Qvalue	
36) 2-Methylnaphthalene	12.519	142	11085	2.008	ng/ul	91
37) 1-Methylnaphthalene	12.742	142	6668	1.241	ng/ul#	98
72) Phenanthrene	17.489	178	88740m	9.778	ng/ul	
80) Fluoranthene	19.498	202	94529	9.025	ng/ul	97
82) Pyrene	19.862	202	48461m	4.639	ng/ul	
85) Benzo(a)anthracene	21.707	228	33061m	3.269	ng/ul	
87) Chrysene	21.771	228	41062m	4.347	ng/ul	
90) Benzo(b)fluoranthene	23.956	252	39461m	3.790	ng/ul	
91) Benzo(k)fluoranthene	24.009	252	13911	1.346	ng/ul#	94
93) Benzo(a)pyrene	24.849	252	9732	1.062	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.726	276	12426m	1.033	ng/ul	

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

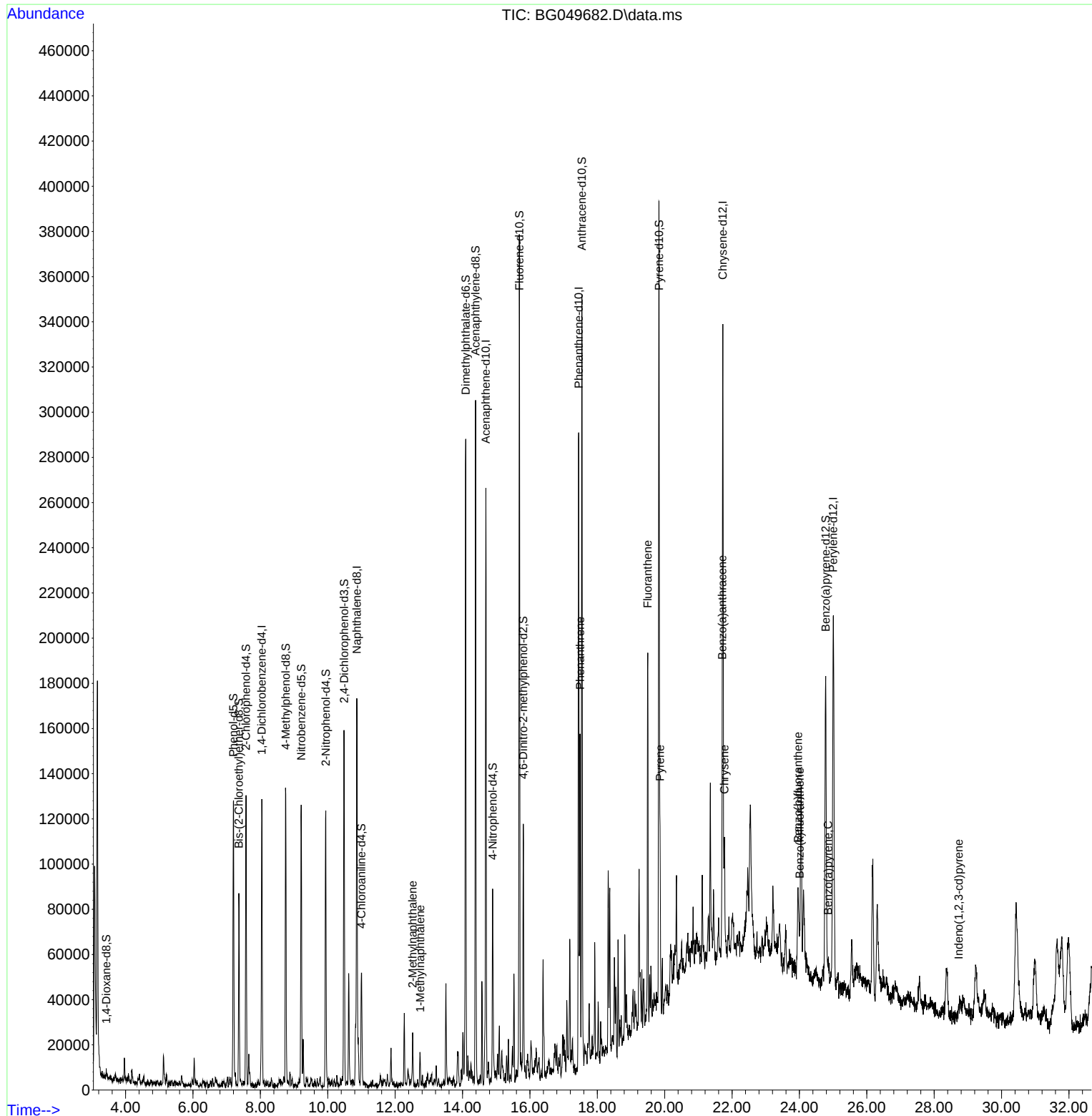
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049682.D
Acq On : 6 Aug 2021 19:09
Operator : CG/JU
Sample : M3124-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

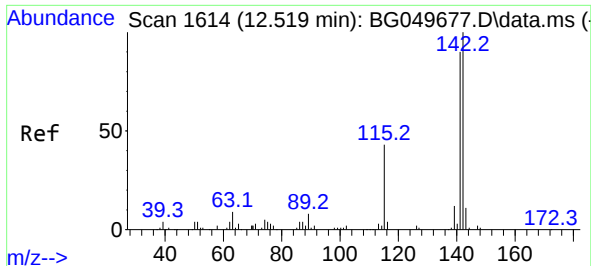
Instrument :
BNA_G
ClientSampleId :
C0086

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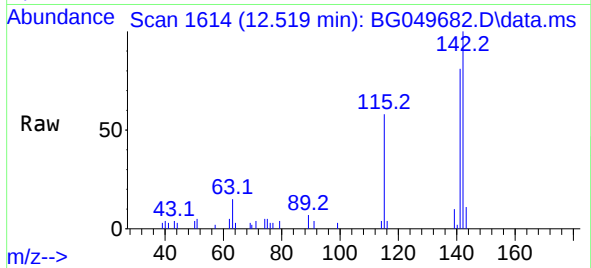
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration





#36
2-Methylnaphthalene
Concen: 2.008 ng/ul
RT: 12.519 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09

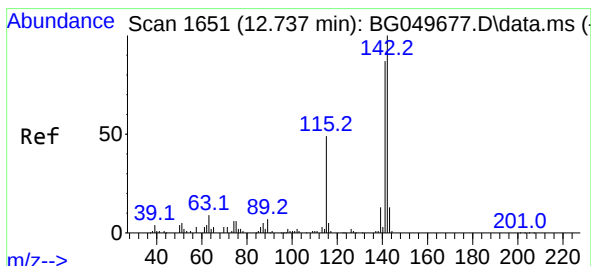
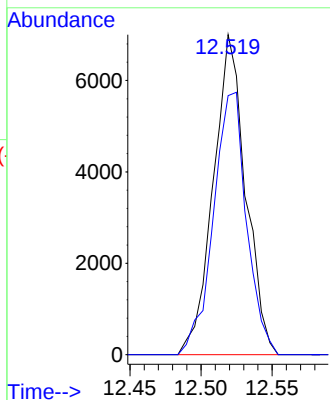
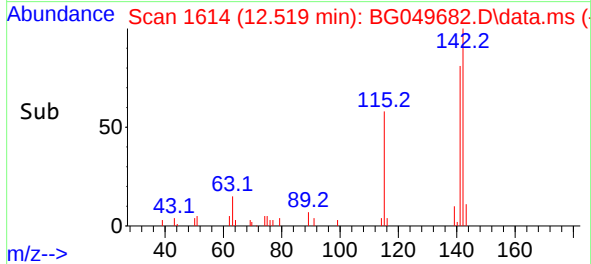
Instrument :
BNA_G
ClientSampled :
C0086



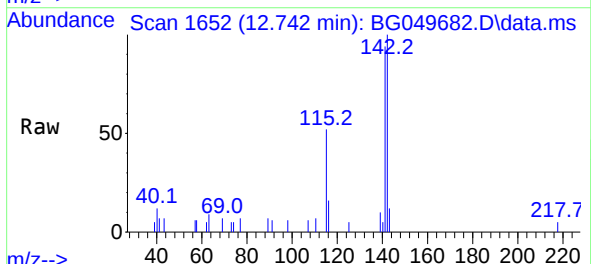
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Ion Ratio Lower Upper
142 100
141 80.9 71.8 107.8

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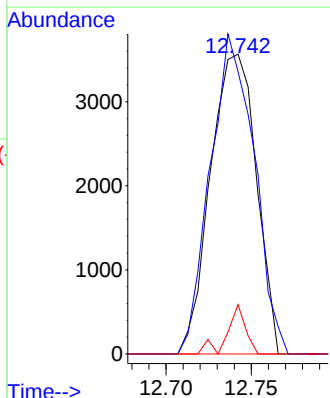
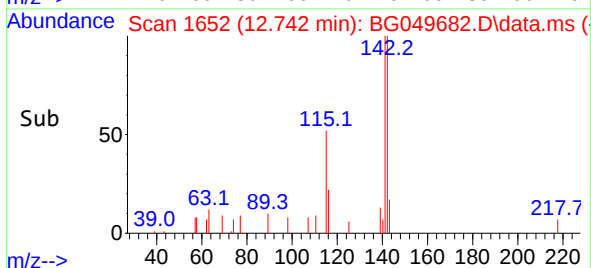
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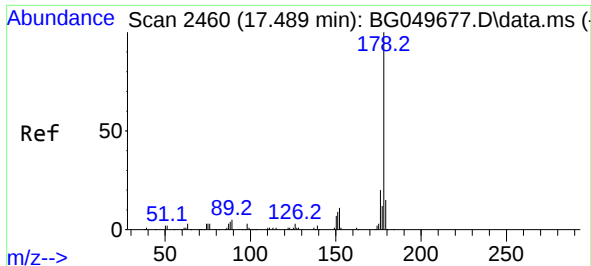


#37
1-Methylnaphthalene
Concen: 1.241 ng/ul
RT: 12.742 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09

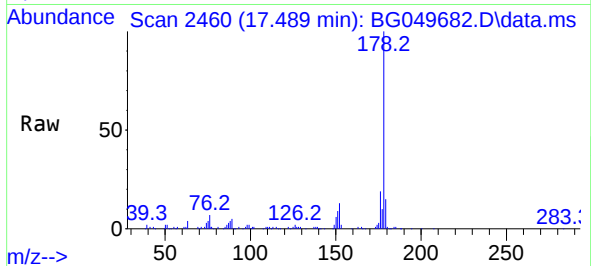


Tgt Ion:142 Resp: 6668
Ion Ratio Lower Upper
142 100
141 94.2 75.4 113.0
116 16.5 4.2 6.2#

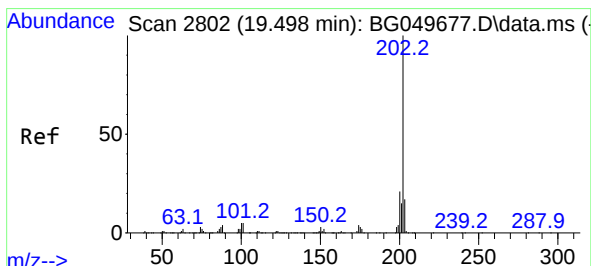
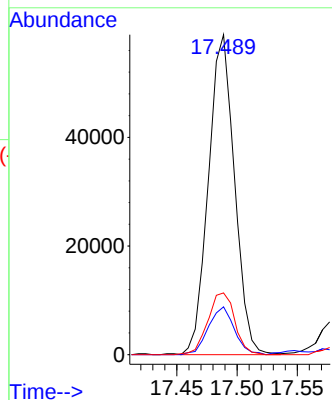
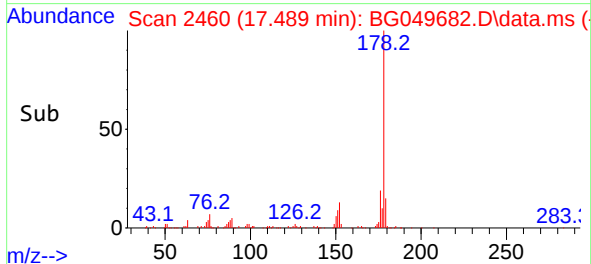




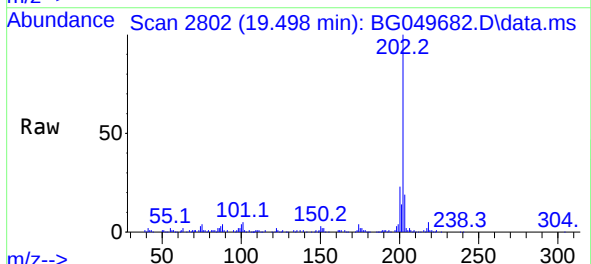
#72
Phenanthrene
Concen: 9.778 ng/ul m
RT: 17.489 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09



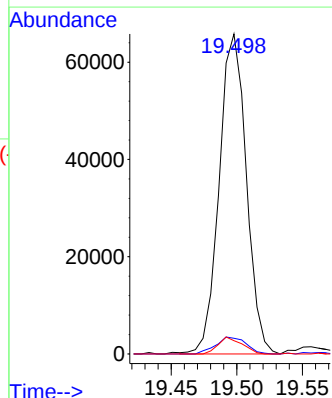
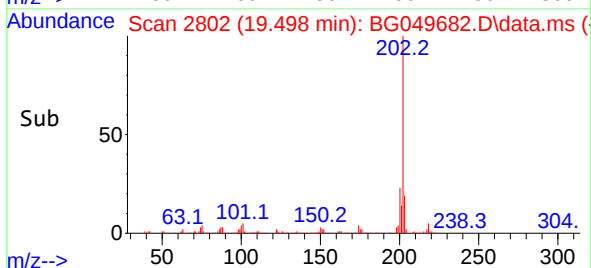
Tgt Ion:178 Resp: 88740
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 19.3 15.4 23.2



#80
Fluoranthene
Concen: 9.025 ng/ul
RT: 19.498 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09



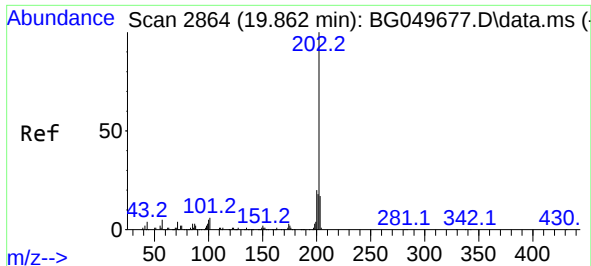
Tgt Ion:202 Resp: 94529
Ion Ratio Lower Upper
202 100
101 4.9 4.8 7.2
100 4.2 3.9 5.9



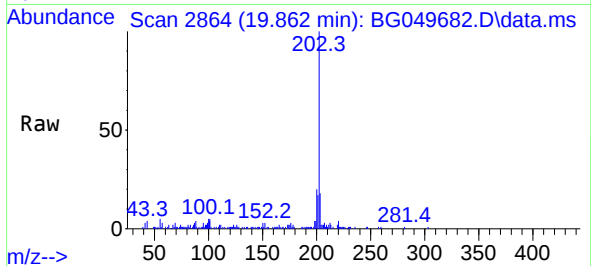
Instrument :
BNA_G
ClientSampled :
C0086

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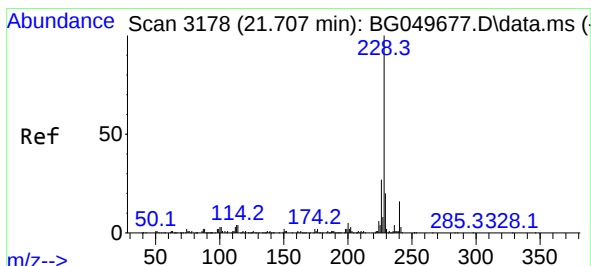
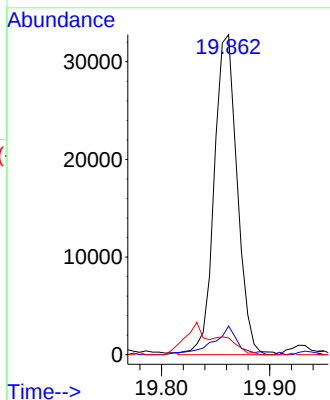
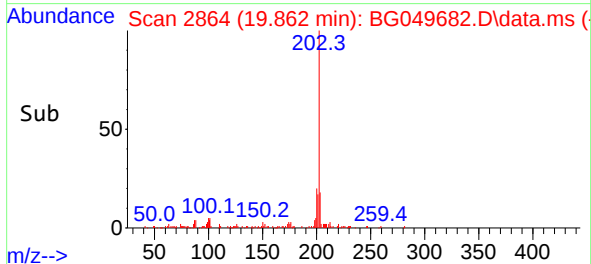
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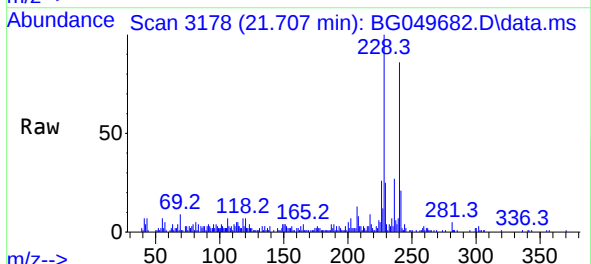
#82
Pyrene
Concen: 4.639 ng/ul m
RT: 19.862 min Scan# 2864
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09



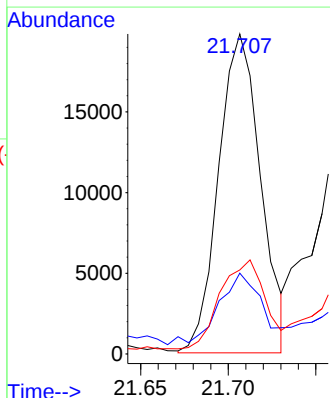
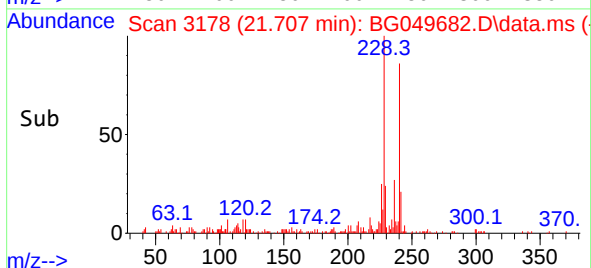
Tgt Ion:202 Resp: 48461
Ion Ratio Lower Upper
202 100
101 4.5 5.2 7.8#
100 5.3 4.8 7.2



#85
Benzo(a)anthracene
Concen: 3.269 ng/ul m
RT: 21.707 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09



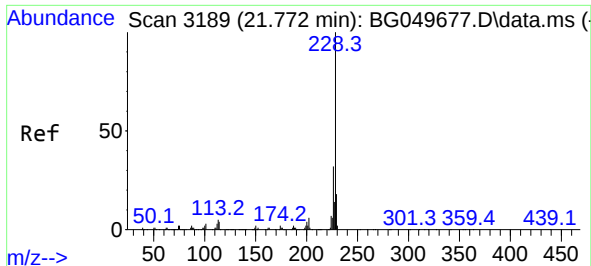
Tgt Ion:228 Resp: 33061
Ion Ratio Lower Upper
228 100
229 25.3 15.3 22.9#
226 26.3 21.0 31.6



Instrument :
BNA_G
ClientSampled :
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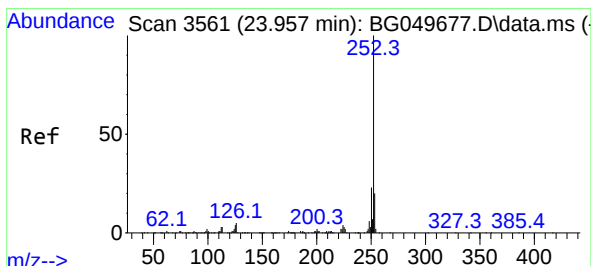
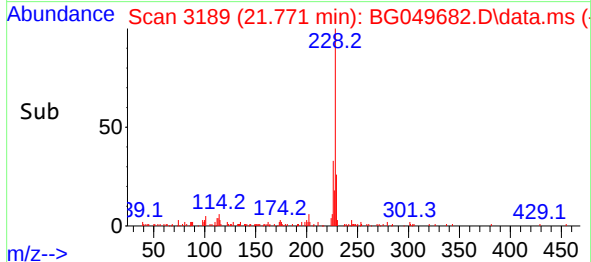
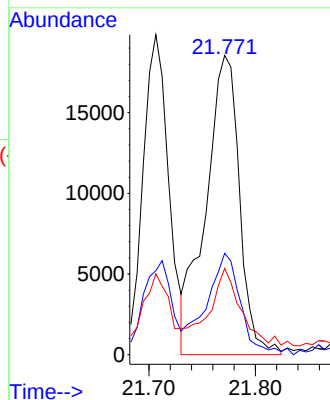
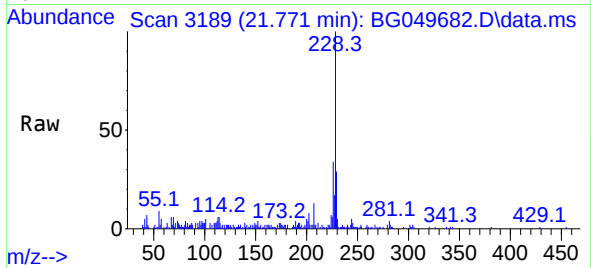
#87
Chrysene
Concen: 4.347 ng/ul m
RT: 21.771 min Scan# 3189
Delta R.T. -0.006 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09

Tgt Ion:228 Resp: 41062
Ion Ratio Lower Upper
228 100
226 33.9 24.7 37.1
229 28.8 15.4 23.2#

Instrument :
BNA_G
ClientSampled :
C0086

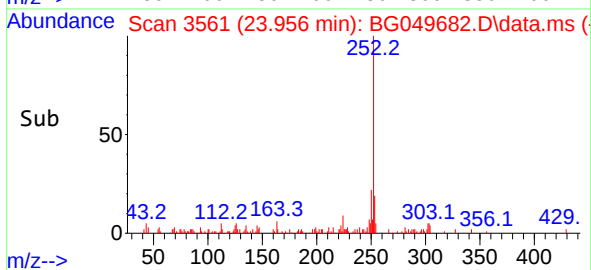
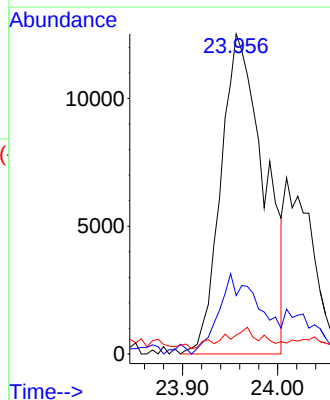
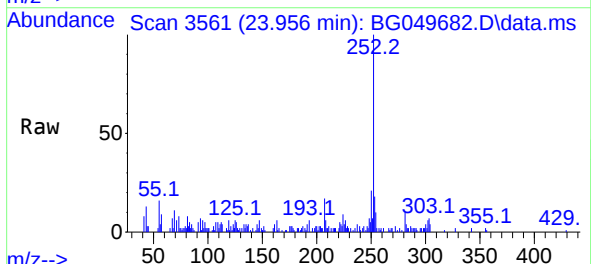
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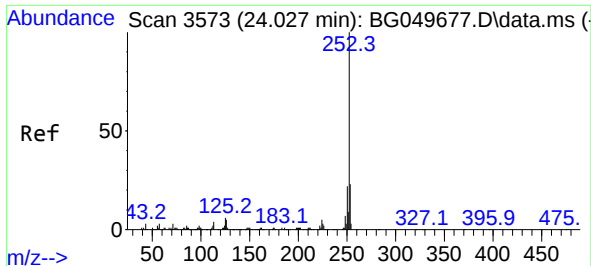
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#90
Benzo(b)fluoranthene
Concen: 3.790 ng/ul m
RT: 23.956 min Scan# 3561
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09

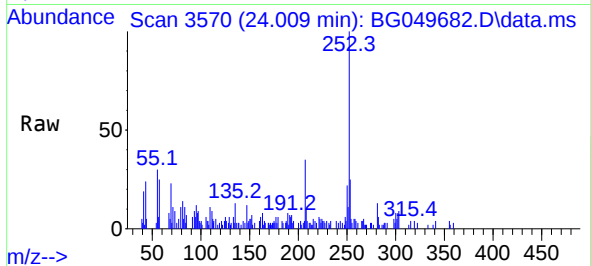
Tgt Ion:252 Resp: 39461
Ion Ratio Lower Upper
252 100
253 18.2 17.4 26.2
125 5.9 3.7 5.5#





#91
Benzo(k)fluoranthene
Concen: 1.346 ng/ul
RT: 24.009 min Scan# 3570
Delta R.T. -0.018 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09

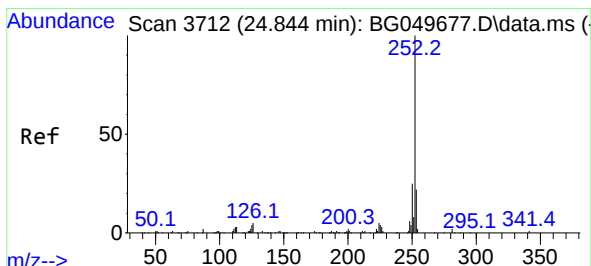
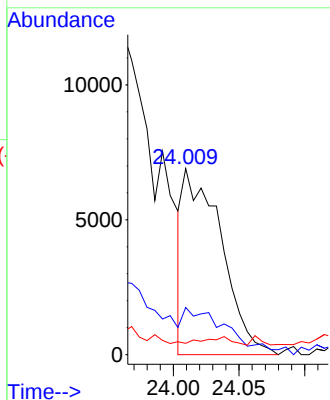
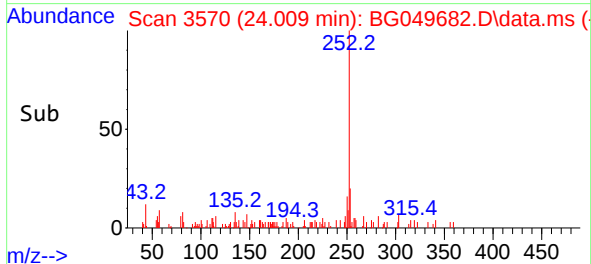
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ClientSampled :
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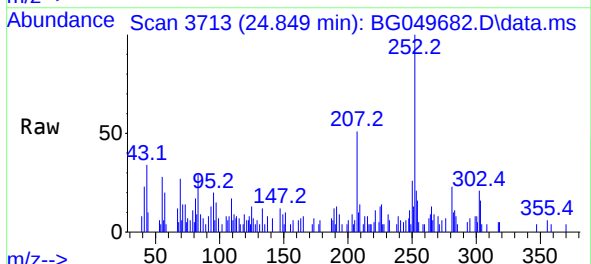
Tgt Ion:252 Resp: 13911
Ion Ratio Lower Upper
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253 25.4 17.8 26.8
125 6.1 3.8 5.8#

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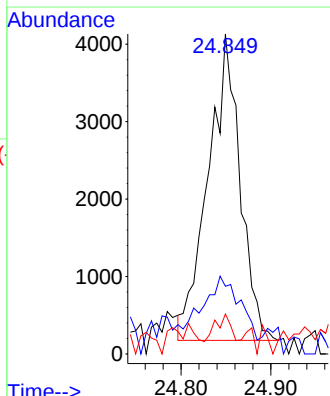
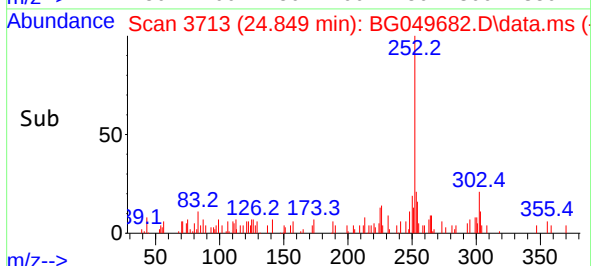
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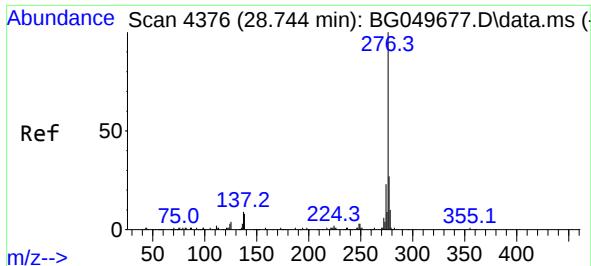


#93
Benzo(a)pyrene
Concen: 1.062 ng/ul
RT: 24.849 min Scan# 3713
Delta R.T. -0.000 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09



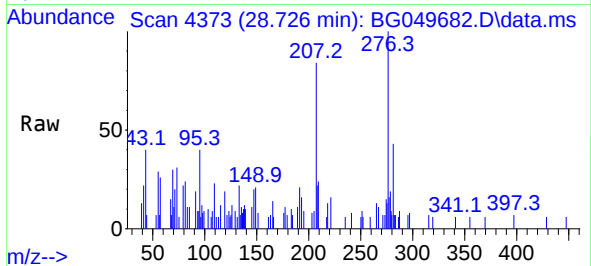
Tgt Ion:252 Resp: 9732
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 12.5 4.6 7.0#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.033 ng/ul m
RT: 28.726 min Scan# 4373
Delta R.T. -0.018 min
Lab File: BG049682.D
Acq: 6 Aug 2021 19:09

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:276 Resp: 12426
Ion Ratio Lower Upper
276 100
138 11.9 6.6 10.0#
277 16.4 19.4 29.2#

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