

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050077.D
 Acq On : 31 Aug 2021 23:59
 Operator : CG/JU
 Sample : M3486-05
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB8

Manual Integrations
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Quant Time: Sep 01 01:01:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	39204	20.000	ng/u1	0.00
20) Naphthalene-d8	10.784	136	149397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.625	164	102686	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	209880	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	186194	20.000	ng/u1	0.00
88) Perylene-d12	24.882	264	197201	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	1765	2.322	ng/uL	0.00
4) Pyridine-d5	3.775	84	9516m	4.155	ng/u1	0.03
7) Phenol-d5	7.136	99	25664	7.709	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.282	67	23029	12.451	ng/u1	0.00
11) 2-Chlorophenol-d4	7.494	132	26841	10.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.686	113	15848	6.045	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	15470	13.356	ng/u1	0.00
24) 2-Nitrophenol-d4	9.861	143	19402	14.068	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.413	165	29398	11.951	ng/u1	0.00
31) 4-Chloroaniline-d4	10.919	131	32903	9.827	ng/u1	0.00
46) Dimethylphthalate-d6	14.020	166	106688	13.576	ng/u1	0.00
49) Acenaphthylene-d8	14.314	160	132347	14.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.866	143	6493	5.711	ng/u1	0.02
60) Fluorene-d10	15.618	176	94154	14.131	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.759	200	7603	5.631	ng/u1	0.00
73) Anthracene-d10	17.474	188	136283	14.460	ng/u1	0.00
81) Pyrene-d10	19.765	212	163944	16.294	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.659	264	150483	14.384	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.422	178	42887	4.099	ng/u1	97
80) Fluoranthene	19.436	202	77014	6.203	ng/u1	99
82) Pyrene	19.801	202	66149	5.376	ng/u1	98
85) Benzo(a)anthracene	21.634	228	33070	2.850	ng/u1	95
87) Chrysene	21.698	228	34846	3.177	ng/u1	96
90) Benzo(b)fluoranthene	23.854	252	45816	3.632	ng/u1#	97
91) Benzo(k)fluoranthene	23.913	252	20457m	1.706	ng/u1	
93) Benzo(a)pyrene	24.723	252	34325	3.133	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	28.571	276	29619m	2.050	ng/u1	
96) Benzo(g,h,i)perylene	29.752	276	25370m	2.088	ng/u1	

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

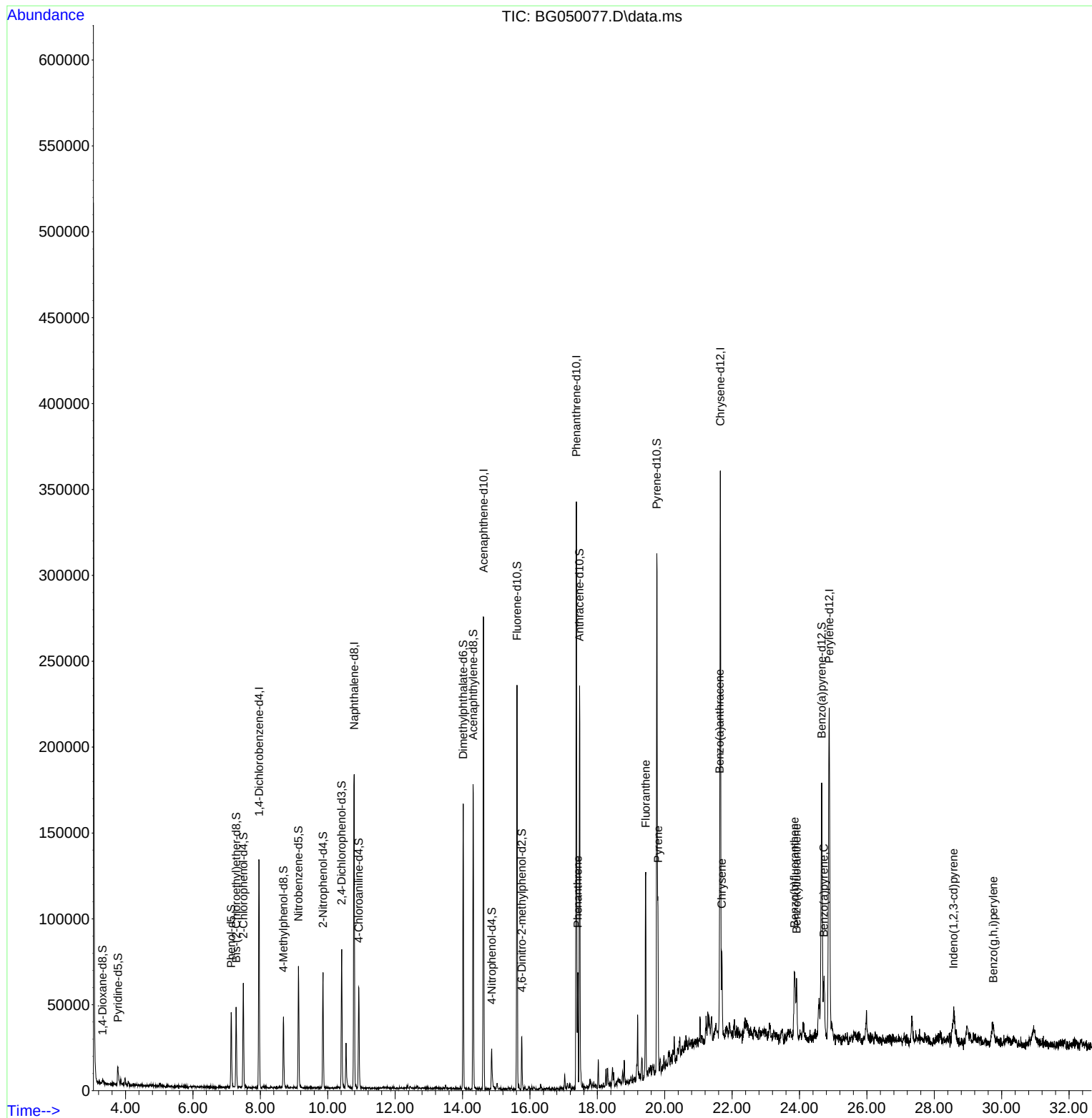
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050077.D
Acq On : 31 Aug 2021 23:59
Operator : CG/JU
Sample : M3486-05
Misc :
ALS Vial : 51 Sample Multiplier: 1

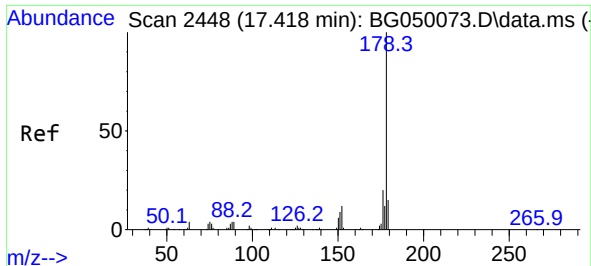
Instrument :
BNA_G
ClientSampleId :
C0AB8

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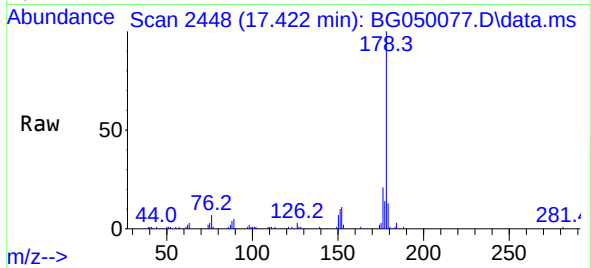
Quant Time: Sep 01 01:01:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.099 ng/u1
RT: 17.422 min Scan# 2448
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59

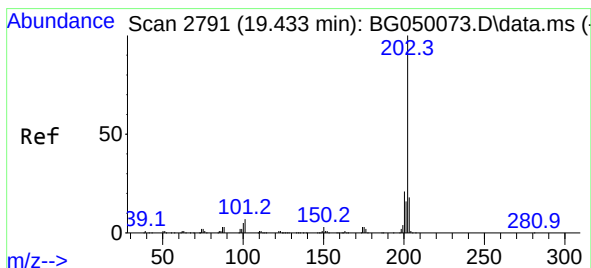
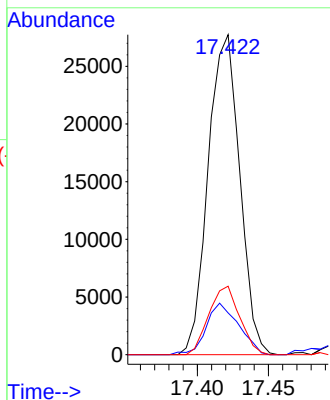
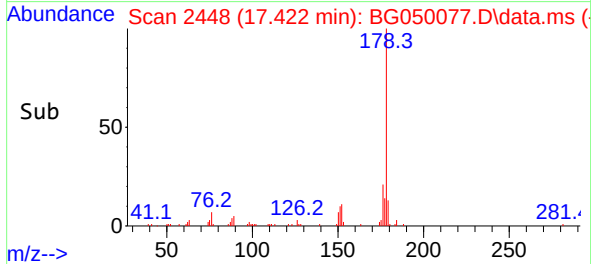
Instrument :
BNA_G
ClientSampled :
C0AB8



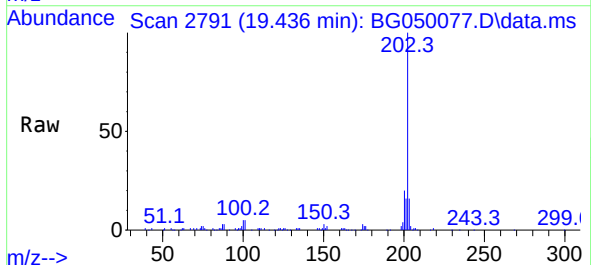
Tgt Ion:178 Resp: 42887
Ion Ratio Lower Upper
178 100
179 13.0 11.7 17.5
176 21.4 16.2 24.2

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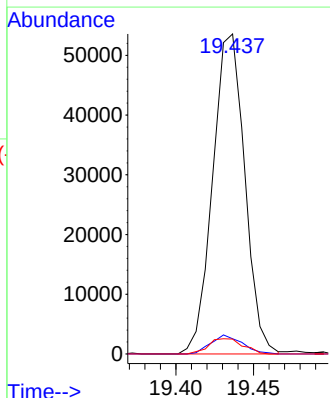
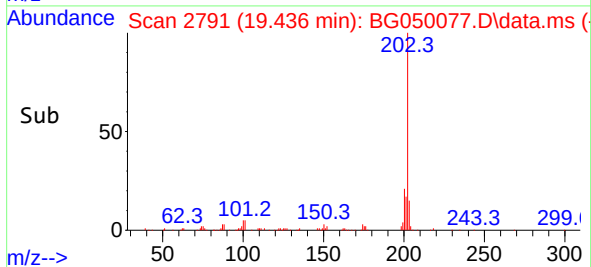
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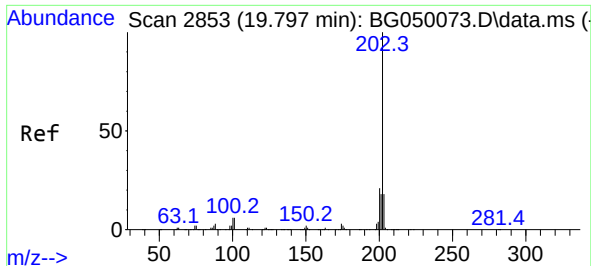


#80
Fluoranthene
Concen: 6.203 ng/u1
RT: 19.436 min Scan# 2791
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59



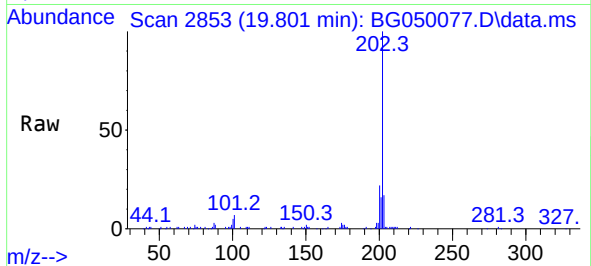
Tgt Ion:202 Resp: 77014
Ion Ratio Lower Upper
202 100
101 4.7 4.3 6.5
100 4.7 3.5 5.3





#82
Pyrene
Concen: 5.376 ng/u1
RT: 19.801 min Scan# 2853
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59

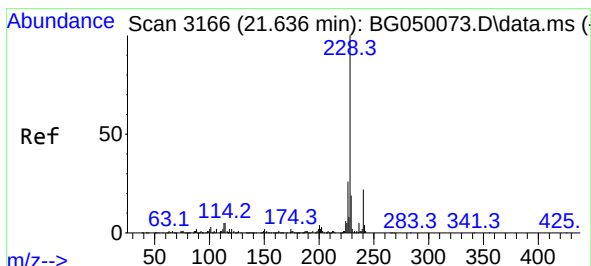
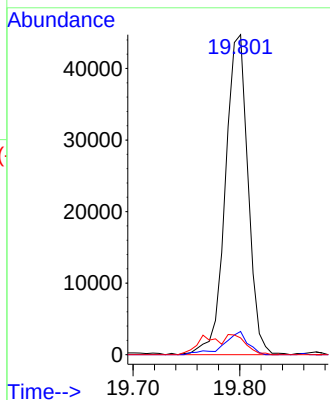
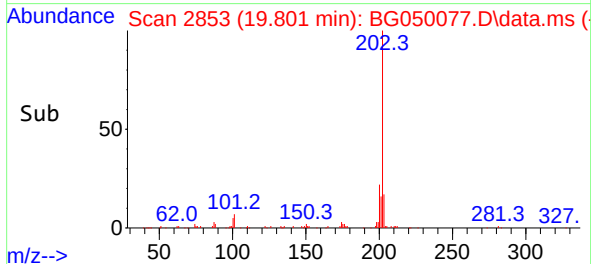
Instrument :
BNA_G
ClientSampled :
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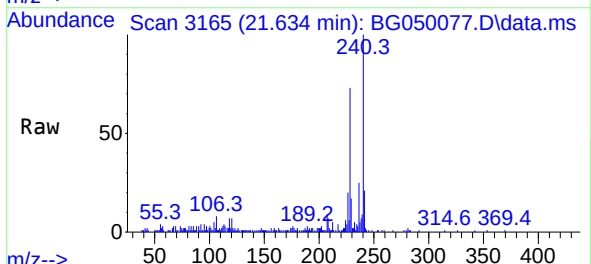
Tgt Ion:202 Resp: 66149
Ion Ratio Lower Upper
202 100
101 7.3 5.4 8.0
100 5.3 5.0 7.6

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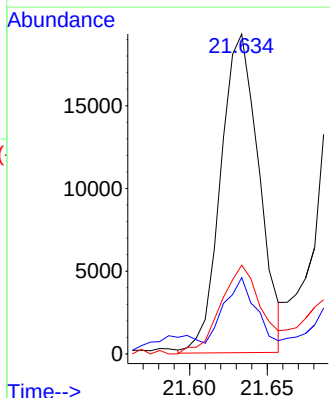
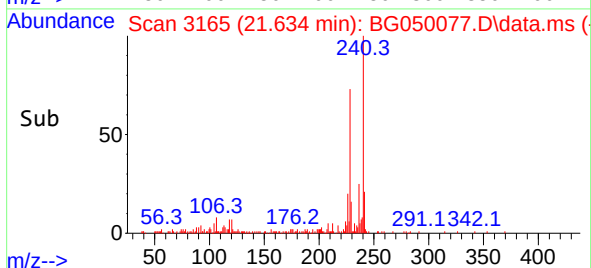
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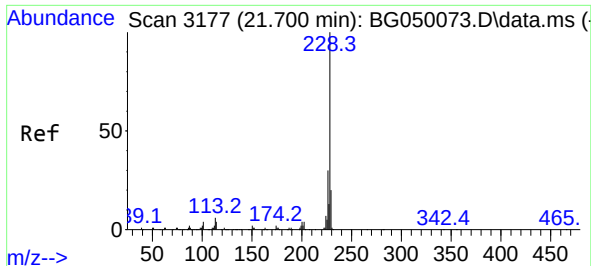


#85
Benzo(a)anthracene
Concen: 2.850 ng/u1
RT: 21.634 min Scan# 3165
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59



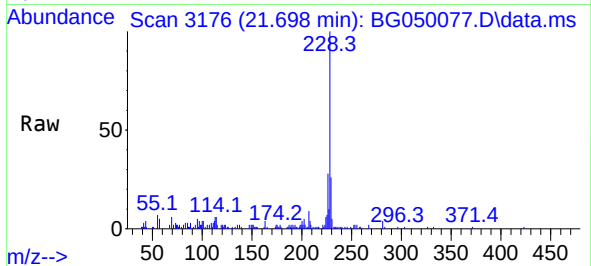
Tgt Ion:228 Resp: 33070
Ion Ratio Lower Upper
228 100
229 23.9 16.2 24.4
226 27.8 21.0 31.4





#87
Chrysene
Concen: 3.177 ng/u1
RT: 21.698 min Scan# 3176
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59

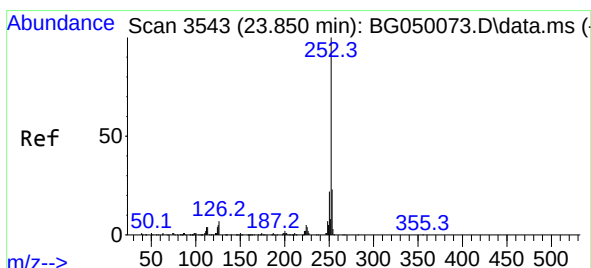
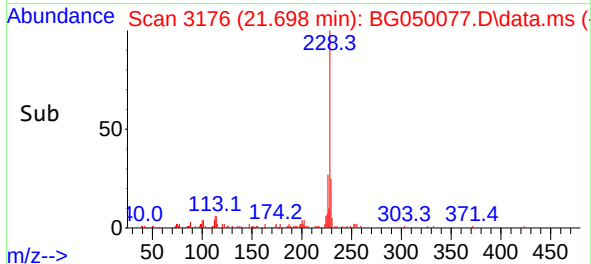
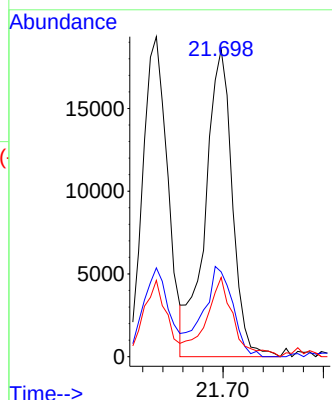
Instrument :
BNA_G
ClientSampled :
C0AB8



Tgt Ion:228 Resp: 34846
Ion Ratio Lower Upper
228 100
226 27.6 23.0 34.4
229 25.8 17.8 26.6

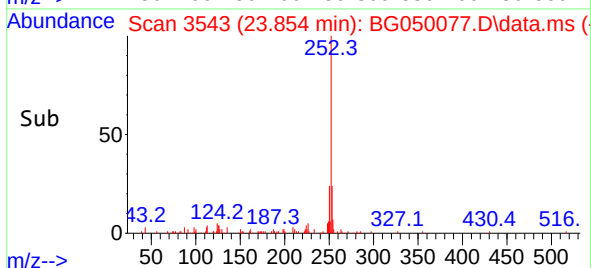
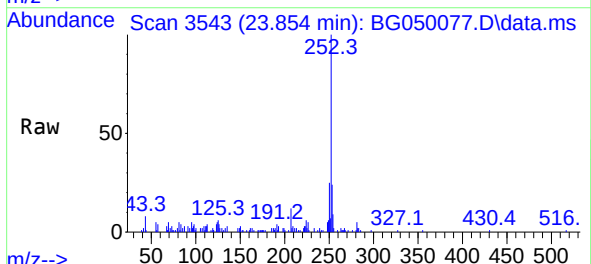
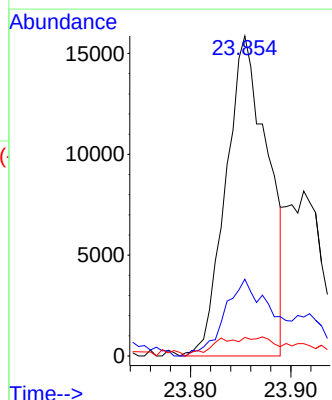
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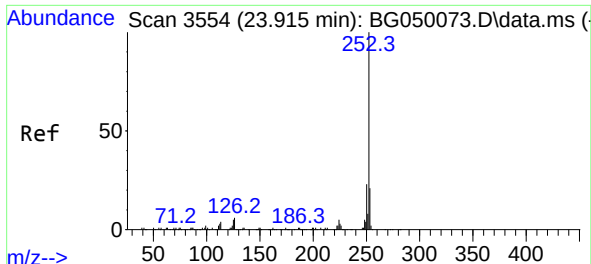
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#90
Benzo(b)fluoranthene
Concen: 3.632 ng/u1
RT: 23.854 min Scan# 3543
Delta R.T. 0.009 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59

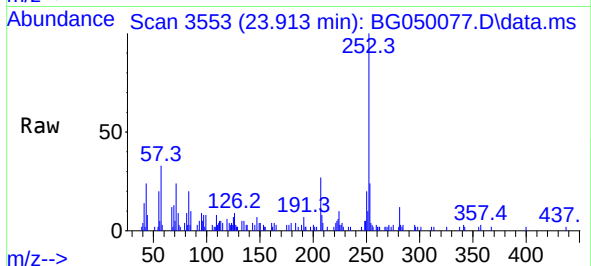
Tgt Ion:252 Resp: 45816
Ion Ratio Lower Upper
252 100
253 24.0 18.1 27.1
125 5.8 3.4 5.0#





#91
Benzo(k)fluoranthene
Concen: 1.706 ng/ul m
RT: 23.913 min Scan# 3553
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59

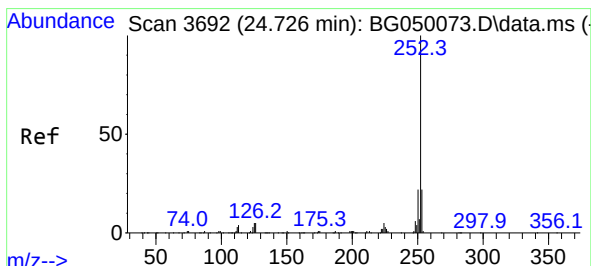
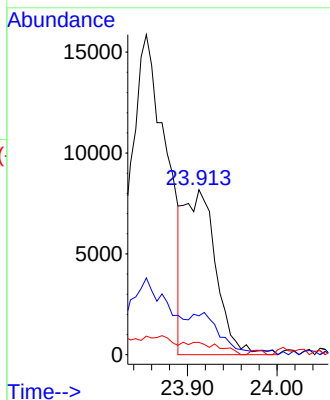
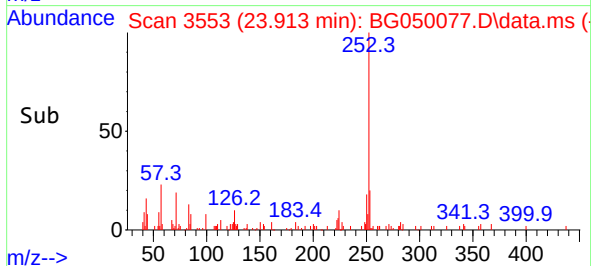
Instrument :
BNA_G
ClientSampled :
C0AB8



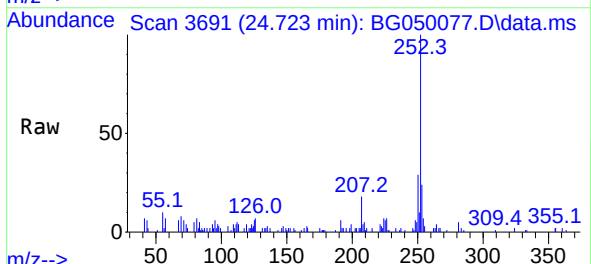
Tgt Ion:252 Resp: 20457
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 7.4 4.1 6.1#

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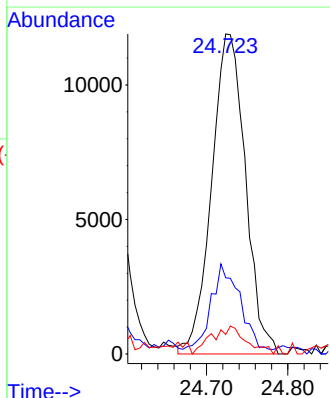
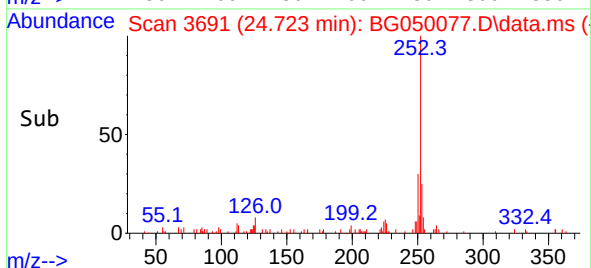
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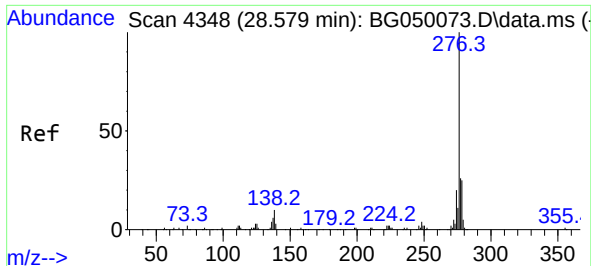


#93
Benzo(a)pyrene
Concen: 3.133 ng/ul
RT: 24.723 min Scan# 3691
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59



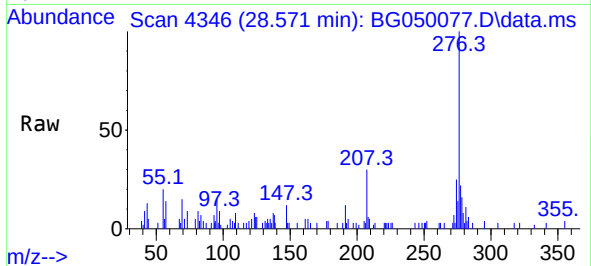
Tgt Ion:252 Resp: 34325
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 6.1 4.4 6.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.050 ng/ul m
RT: 28.571 min Scan# 4346
Delta R.T. 0.003 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59

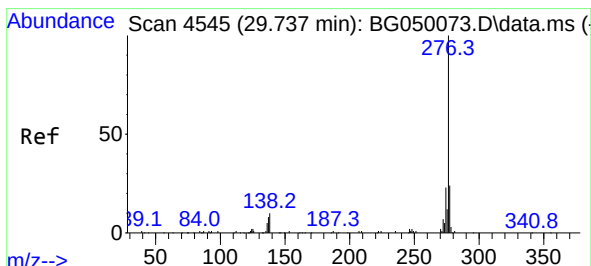
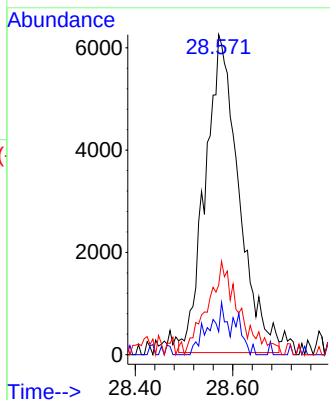
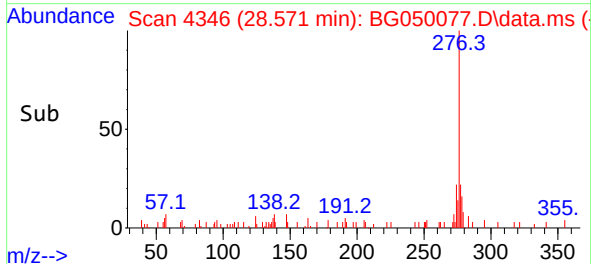
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ClientSampled :
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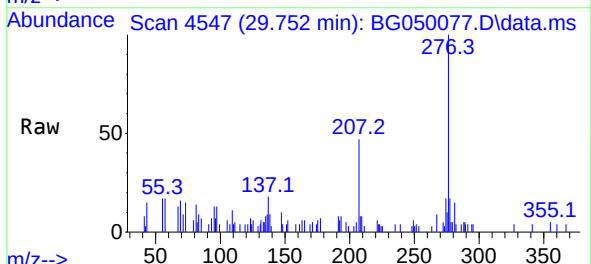
Tgt Ion:276 Resp: 29619
Ion Ratio Lower Upper
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138 7.2 5.5 8.3
277 21.8 18.6 27.8

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 2.088 ng/ul m
RT: 29.752 min Scan# 4547
Delta R.T. 0.039 min
Lab File: BG050077.D
Acq: 31 Aug 2021 23:59



Tgt Ion:276 Resp: 25370
Ion Ratio Lower Upper
276 100
138 9.3 8.6 13.0
277 17.1 17.4 26.0#

