

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050085.D
 Acq On : 1 Sep 2021 5:29
 Operator : CG/JU
 Sample : M3486-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B30

Manual Integrations
 APPROVED

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Quant Time: Sep 01 07:25:24 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	7.957	152	35304	20.000	ng/u1	0.00
20) Naphthalene-d8	10.782	136	146493	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.618	164	97484	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.373	188	189027	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.650	240	172760	20.000	ng/u1	0.00
88) Perylene-d12	24.881	264	181888	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	1283	1.874	ng/uL	0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.134	99	32606	10.876	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	20577	12.355	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	27515	12.266	ng/u1	0.00
15) 4-Methylphenol-d8	8.685	113	22667	9.601	ng/u1	0.00
21) Nitrobenzene-d5	9.132	128	14394	12.674	ng/u1	0.00
24) 2-Nitrophenol-d4	9.860	143	15812	11.692	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.412	165	28345	11.751	ng/u1	0.00
31) 4-Chloroaniline-d4	10.923	131	9483	2.888	ng/u1	0.00
46) Dimethylphthalate-d6	14.019	166	79897	10.709	ng/u1	0.00
49) Acenaphthylene-d8	14.313	160	123279	14.093	ng/u1	0.00
54) 4-Nitrophenol-d4	14.871	143	3630m	3.363	ng/u1	0.03
60) Fluorene-d10	15.617	176	85924	13.584	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.758	200	2985	2.455	ng/u1	0.00
73) Anthracene-d10	17.473	188	122479	14.429	ng/u1	0.00
81) Pyrene-d10	19.764	212	152275	16.311	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.658	264	139795	14.487	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.829	128	21209	2.897	ng/u1	98
36) 2-Methylnaphthalene	12.445	142	18898	3.472	ng/u1	99
37) 1-Methylnaphthalene	12.662	142	14767	2.688	ng/u1	88
50) Acenaphthylene	14.348	152	10884m	1.361	ng/u1	
56) Dibenzofuran	15.024	168	8627	1.074	ng/u1	88
72) Phenanthrene	17.415	178	58158	6.172	ng/u1	98
80) Fluoranthene	19.435	202	124551	10.811	ng/u1	99
82) Pyrene	19.800	202	133537	11.698	ng/u1	99
85) Benzo(a)anthracene	21.632	228	78216	7.266	ng/u1	98
87) Chrysene	21.697	228	81990	8.057	ng/u1	98
90) Benzo(b)fluoranthene	23.859	252	98487	8.465	ng/u1#	99
91) Benzo(k)fluoranthene	23.912	252	29182m	2.639	ng/u1	
93) Benzo(a)pyrene	24.722	252	65307m	6.463	ng/u1	
94) Indeno(1,2,3-cd)pyrene	28.570	276	47546m	3.567	ng/u1	
95) Dibenzo(a,h)anthracene	28.582	278	15801m	1.416	ng/u1	
96) Benzo(g,h,i)perylene	29.721	276	41716m	3.723	ng/u1	

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

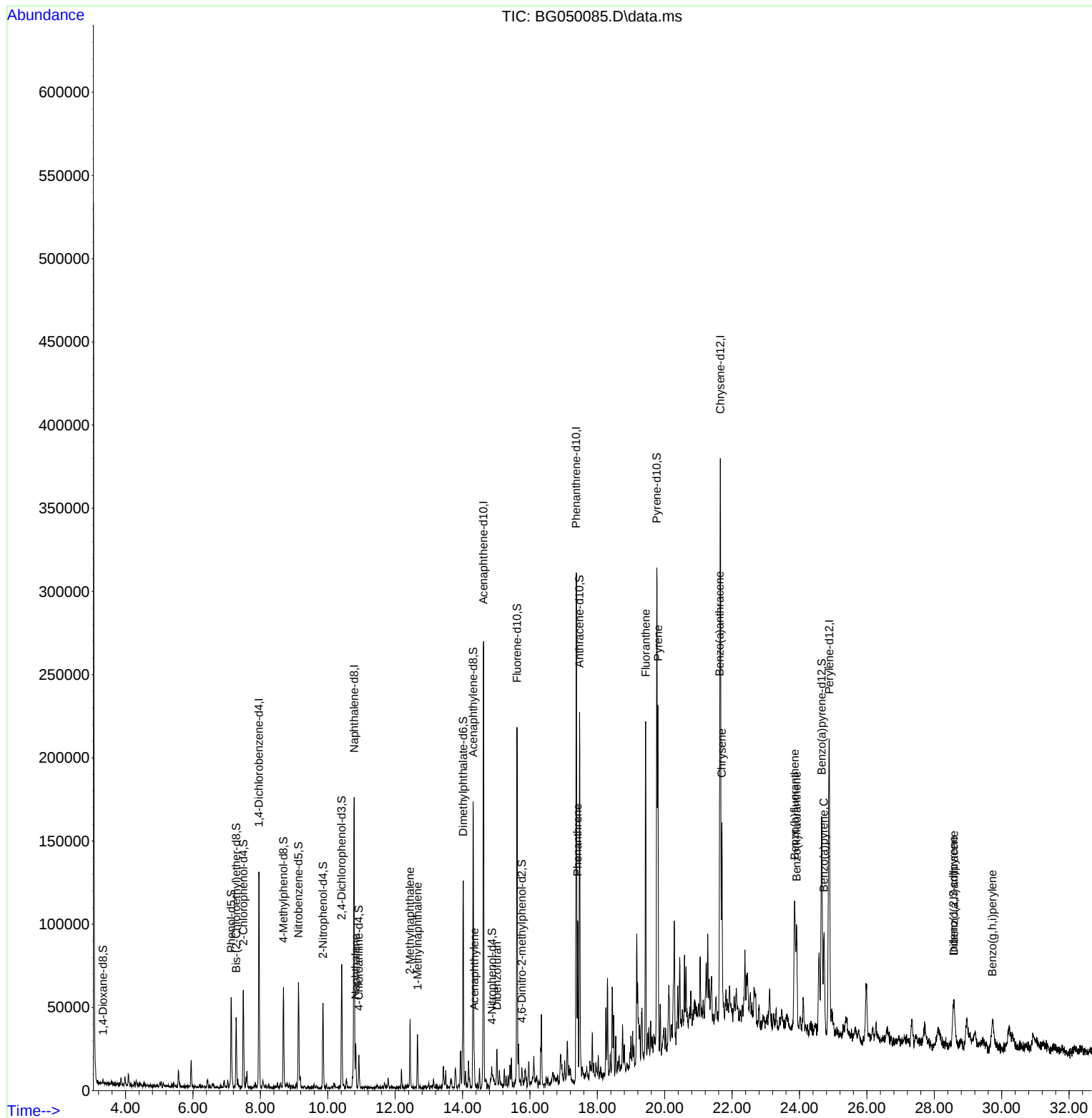
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Data File : BG050085.D
Acq On : 1 Sep 2021 5:29
Operator : CG/JU
Sample : M3486-18
Misc :
ALS Vial : 59 Sample Multiplier: 1

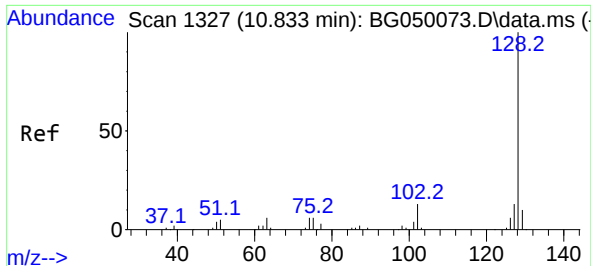
Instrument :
BNA_G
ClientSampleId :
C0B30

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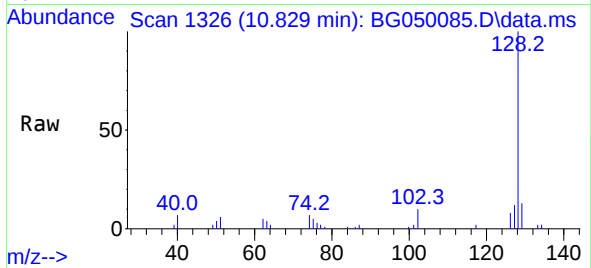
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Quant Time: Sep 01 07:25:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

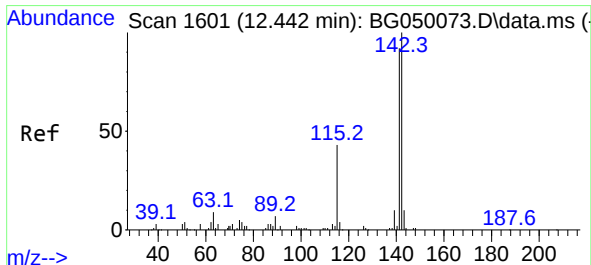
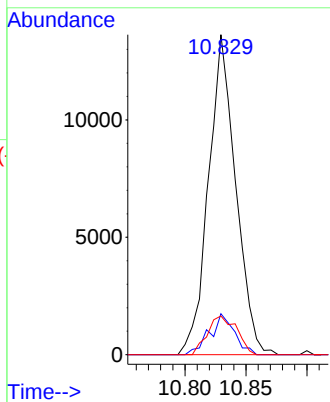
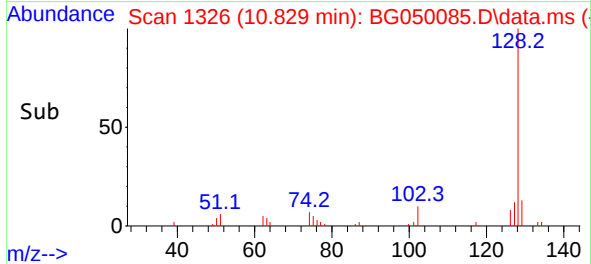




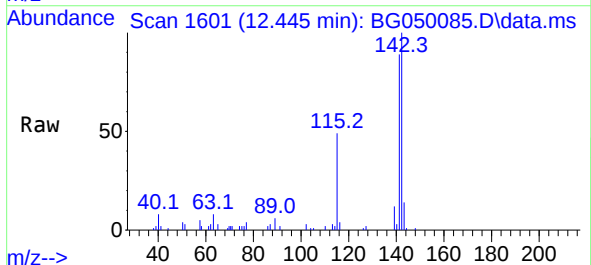
#30
Naphthalene
Concen: 2.897 ng/ul
RT: 10.829 min Scan# 1326
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



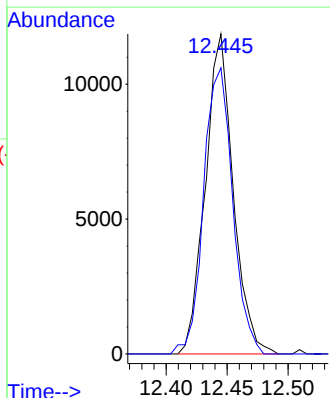
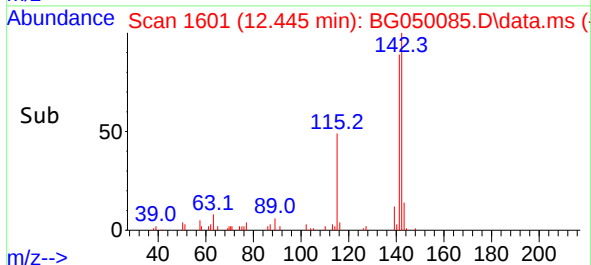
Tgt Ion:	128	Resp:	21209
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.3	13.9
127	12.1	9.8	14.6



#36
2-Methylnaphthalene
Concen: 3.472 ng/ul
RT: 12.445 min Scan# 1601
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



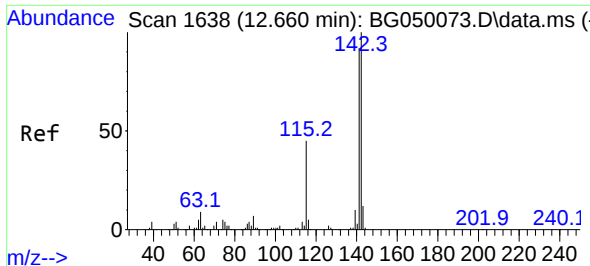
Tgt Ion:	142	Resp:	18898
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.5	105.7



Instrument :
BNA_G
ClientSampled :
C0B30

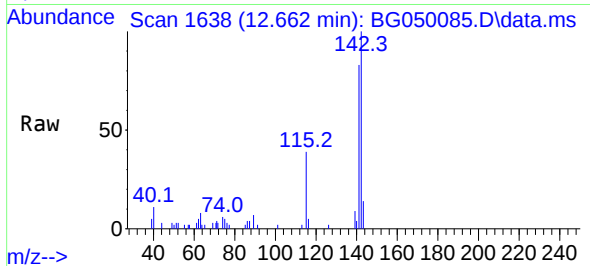
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#37
1-Methylnaphthalene
Concen: 2.688 ng/ul
RT: 12.662 min Scan# 1638
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

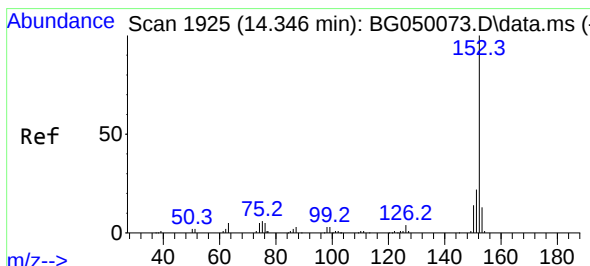
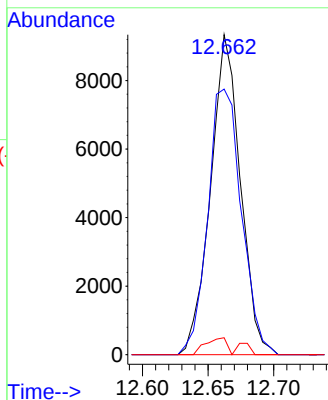
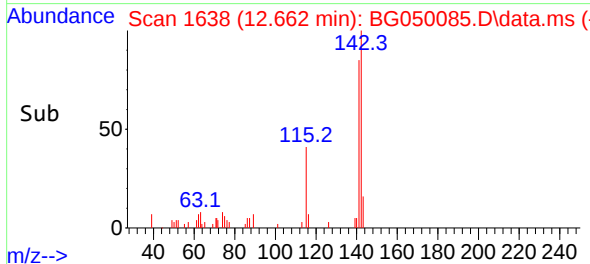
Instrument :
BNA_G
ClientSampled :
C0B30



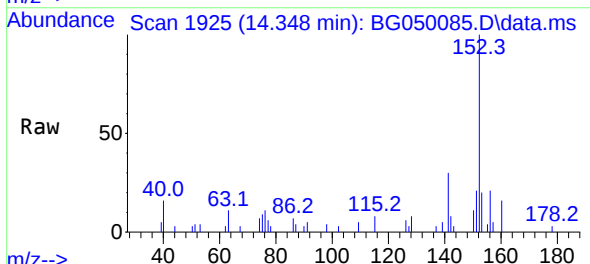
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Ion Ratio Lower Upper
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141 83.0 75.8 113.8
116 5.3 3.7 5.5

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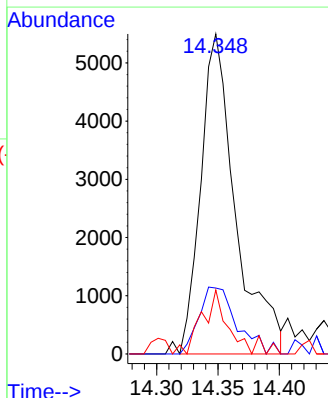
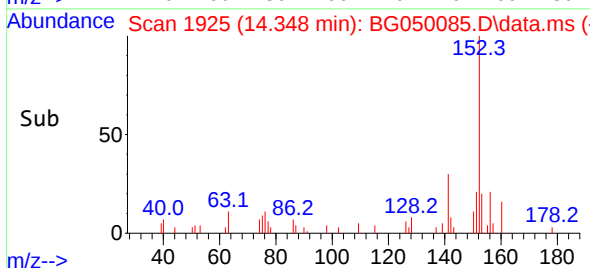
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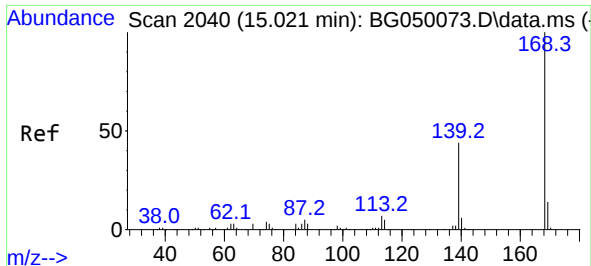


#50
Acenaphthylene
Concen: 1.361 ng/ul m
RT: 14.348 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



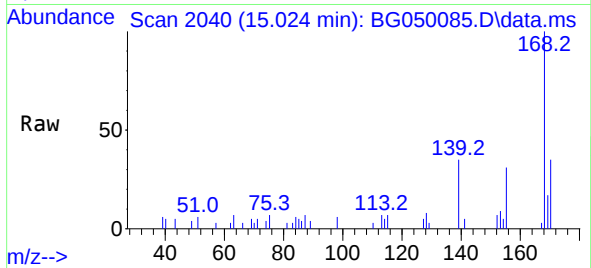
Tgt Ion:152 Resp: 10884
Ion Ratio Lower Upper
152 100
151 20.6 15.2 22.8
153 20.0 10.7 16.1#





#56
Dibenzenofuran
Concen: 1.074 ng/ul
RT: 15.024 min Scan# 2040
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

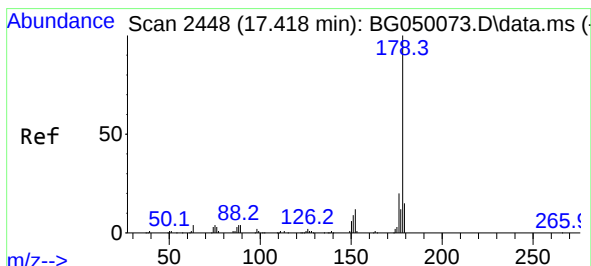
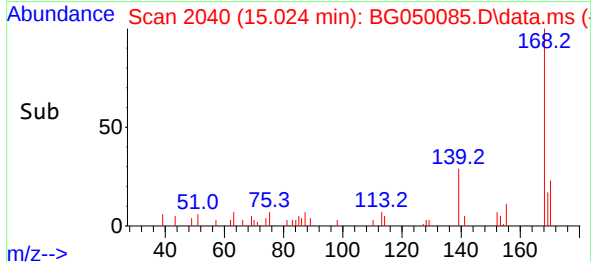
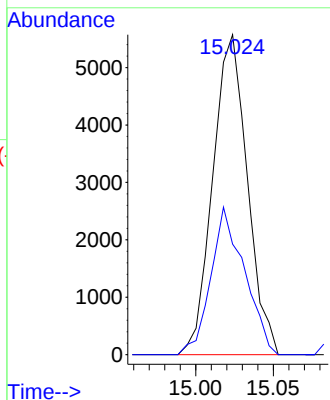
Instrument :
BNA_G
ClientSampled :
C0B30



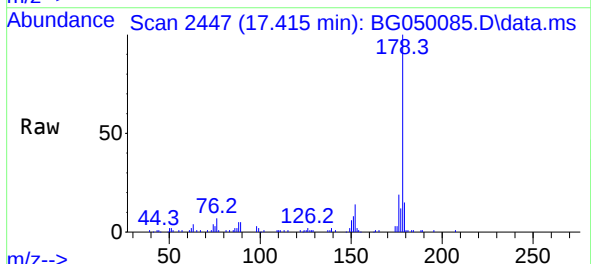
Tgt Ion:168 Resp: 8627
Ion Ratio Lower Upper
168 100
139 34.5 33.8 50.8

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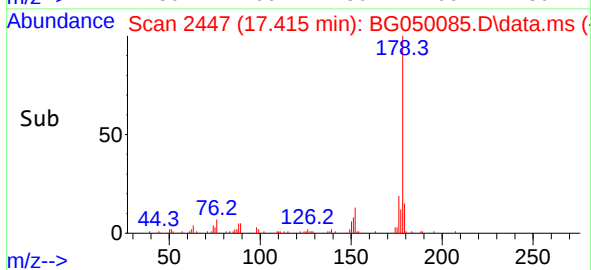
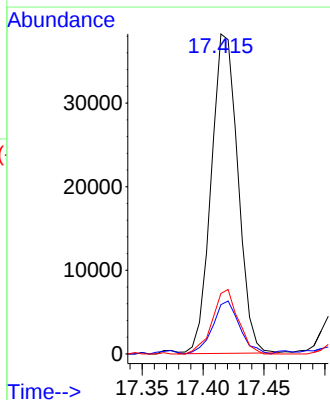
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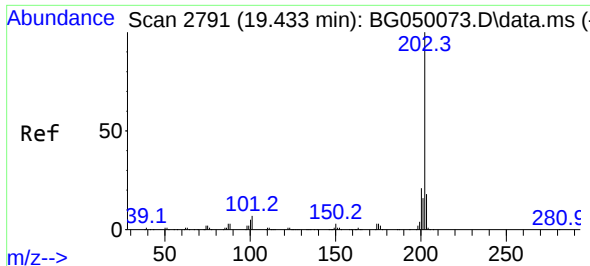


#72
Phenanthrene
Concen: 6.172 ng/ul
RT: 17.415 min Scan# 2447
Delta R.T. -0.004 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

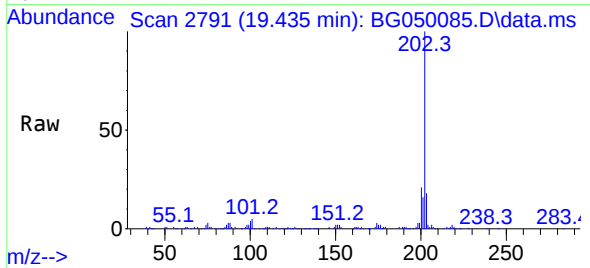


Tgt Ion:178 Resp: 58158
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 18.9 16.2 24.2

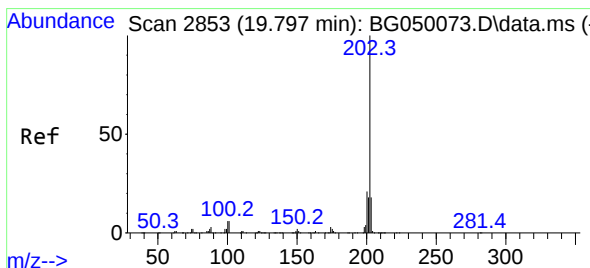
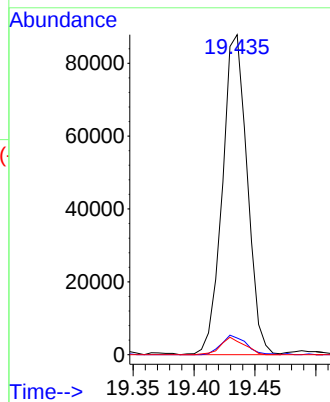
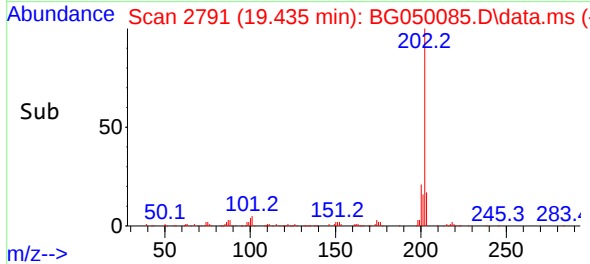




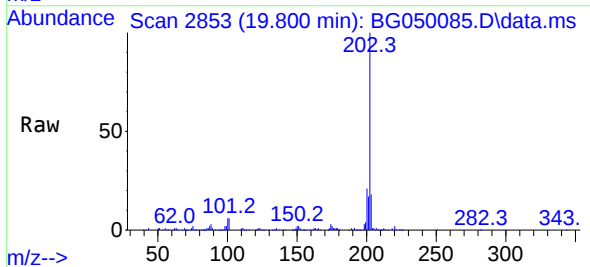
#80
Fluoranthene
Concen: 10.811 ng/u1
RT: 19.435 min Scan# 2791
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



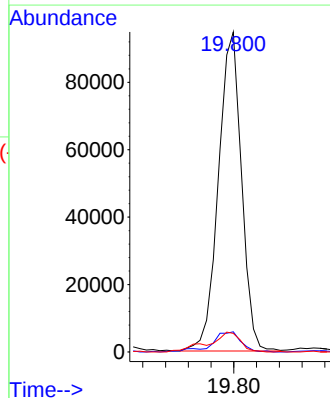
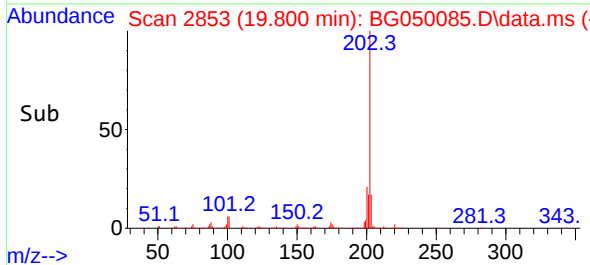
Tgt Ion:202 Resp: 124551
Ion Ratio Lower Upper
202 100
101 5.2 4.3 6.5
100 4.2 3.5 5.3



#82
Pyrene
Concen: 11.698 ng/u1
RT: 19.800 min Scan# 2853
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



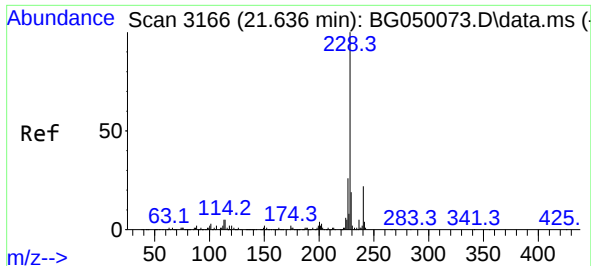
Tgt Ion:202 Resp: 133537
Ion Ratio Lower Upper
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101 6.3 5.4 8.0
100 5.8 5.0 7.6



Instrument :
BNA_G
ClientSampled :
C0B30

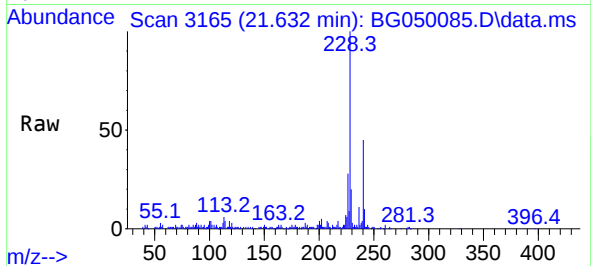
Manual Integrations
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#85
Benzo(a)anthracene
Concen: 7.266 ng/u1
RT: 21.632 min Scan# 3165
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

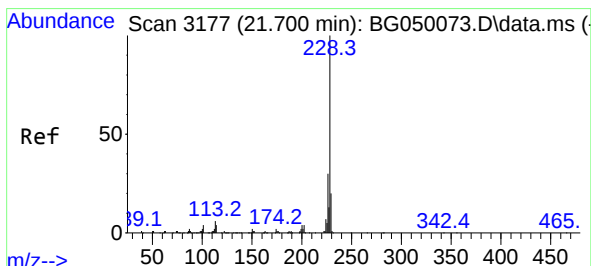
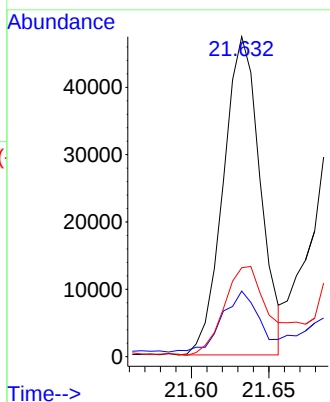
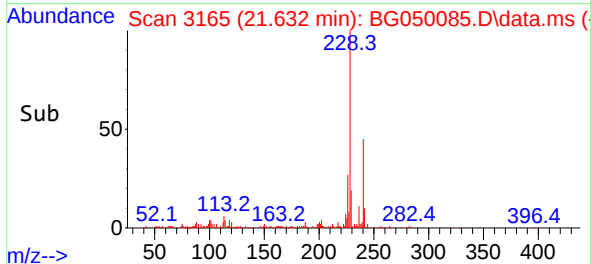
Instrument :
BNA_G
ClientSampled :
C0B30



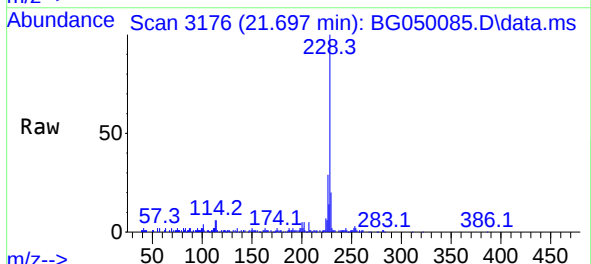
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Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.4
226 27.8 21.0 31.4

Manual Integrations
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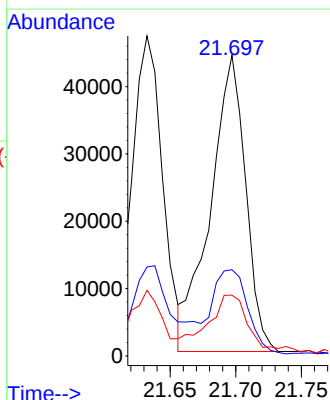
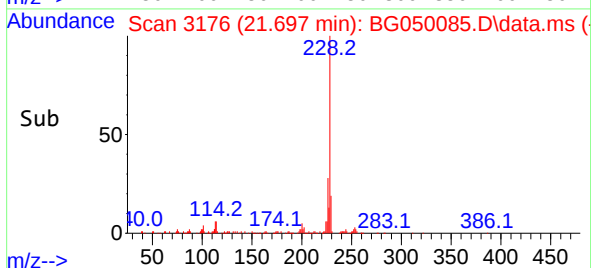
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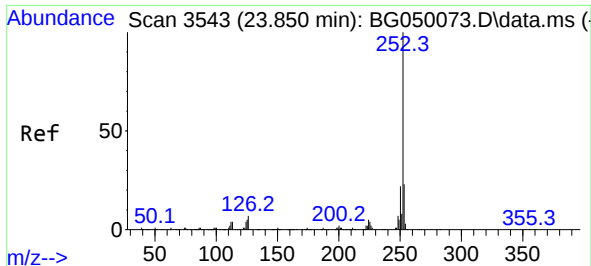


#87
Chrysene
Concen: 8.057 ng/u1
RT: 21.697 min Scan# 3176
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



Tgt Ion:228 Resp: 81990
Ion Ratio Lower Upper
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226 28.7 23.0 34.4
229 20.2 17.8 26.6





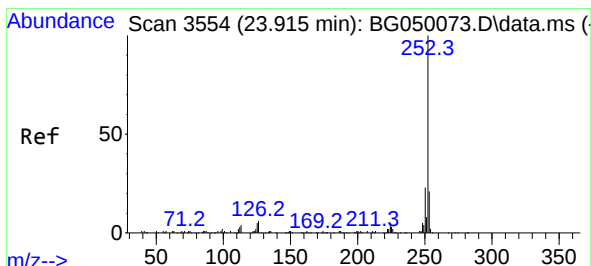
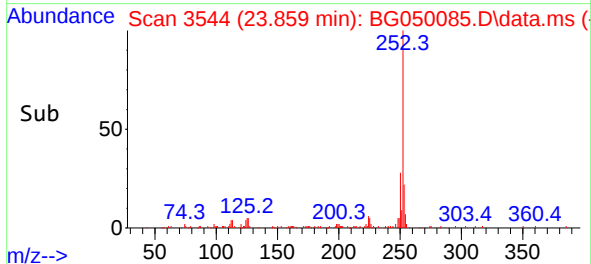
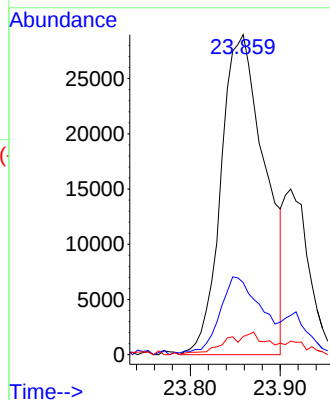
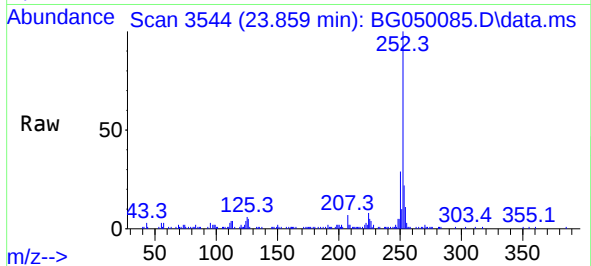
#90
Benzo(b)fluoranthene
Concen: 8.465 ng/ul
RT: 23.859 min Scan# 3544
Delta R.T. 0.014 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

Tgt Ion:252 Resp: 98487
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 5.7 3.4 5.0#

Instrument :
BNA_G
ClientSampled :
C0B30

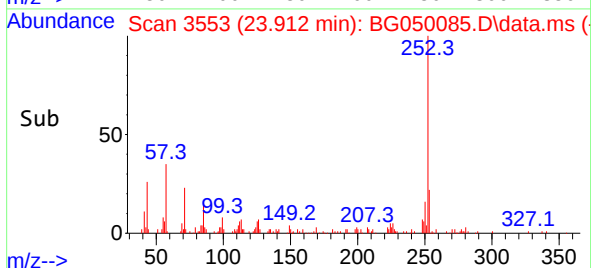
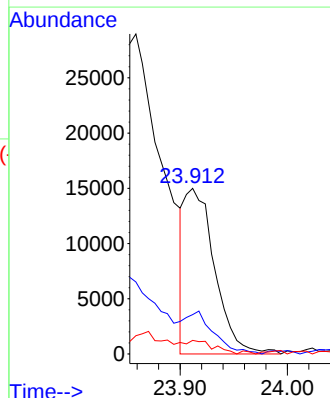
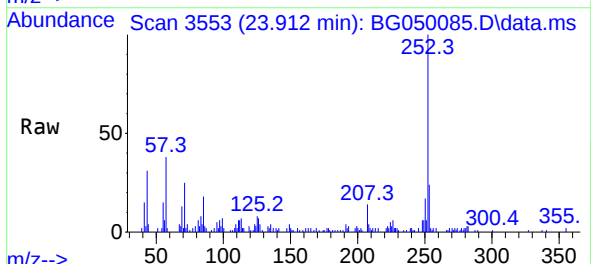
Manual Integrations
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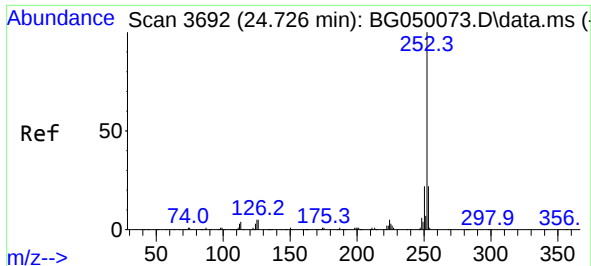
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#91
Benzo(k)fluoranthene
Concen: 2.639 ng/ul m
RT: 23.912 min Scan# 3553
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

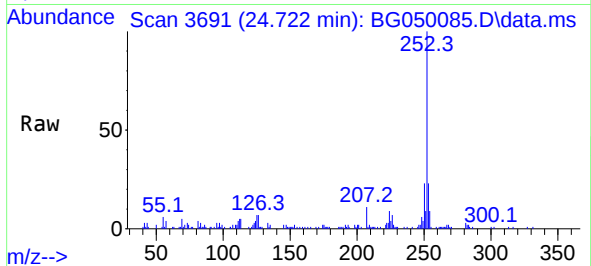
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Ion Ratio Lower Upper
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125 8.2 4.1 6.1#





#93
Benzo(a)pyrene
Concen: 6.463 ng/ul m
RT: 24.722 min Scan# 3691
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

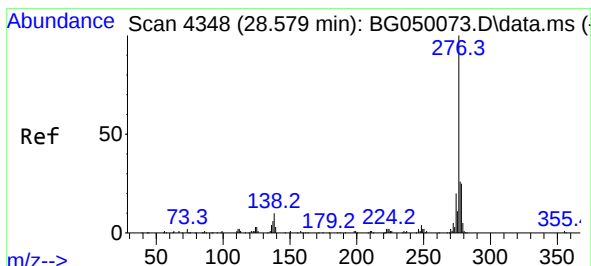
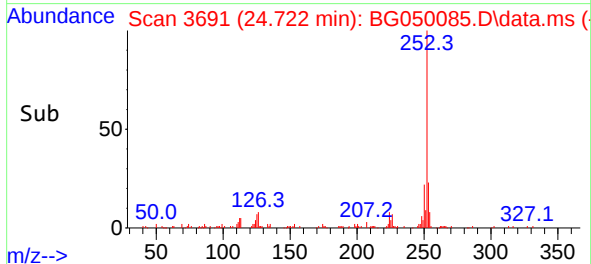
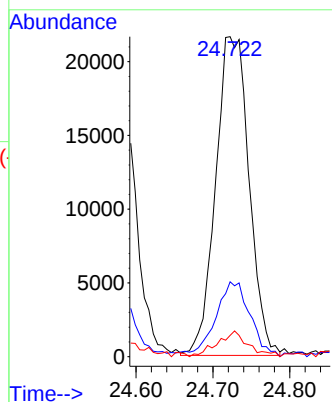
Instrument :
BNA_G
ClientSampled :
C0B30



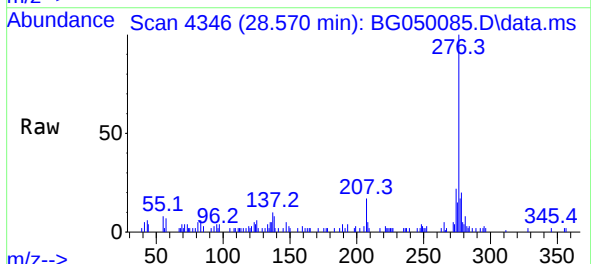
Tgt Ion:252 Resp: 65307
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 6.7 4.4 6.6#

Manual Integrations
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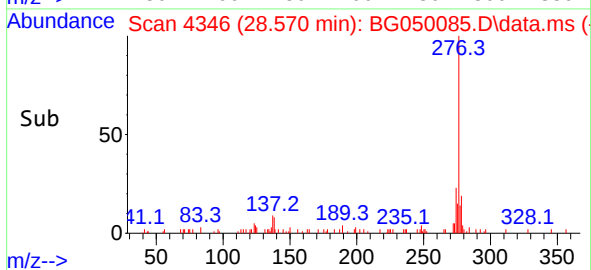
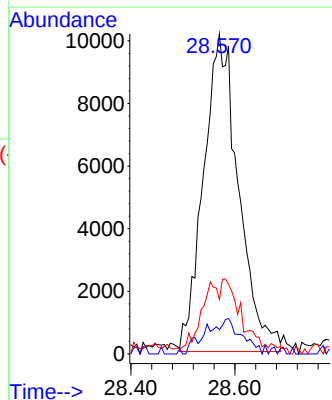
mohammad
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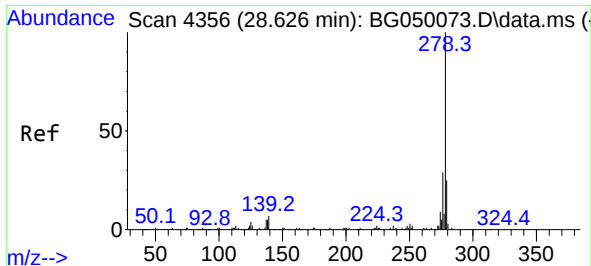


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.567 ng/ul m
RT: 28.570 min Scan# 4346
Delta R.T. 0.002 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



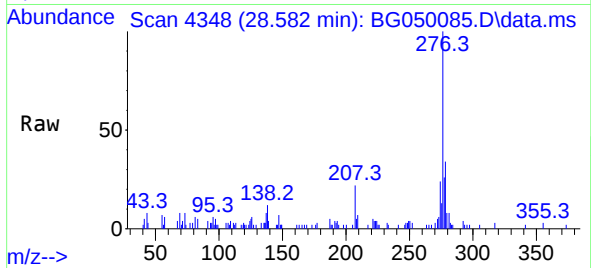
Tgt Ion:276 Resp: 47546
Ion Ratio Lower Upper
276 100
138 7.6 5.5 8.3
277 17.0 18.6 27.8#





#95
Dibenzo(a,h)anthracene
Concen: 1.416 ng/ul m
RT: 28.582 min Scan# 4348
Delta R.T. -0.021 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29

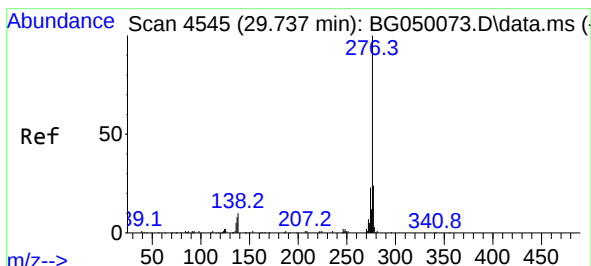
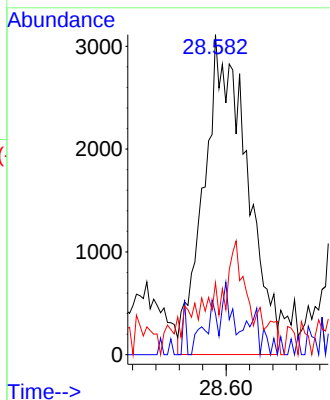
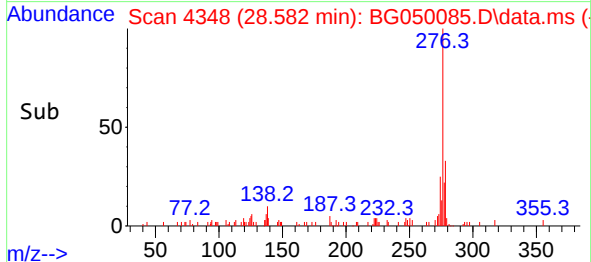
Instrument :
BNA_G
ClientSampled :
C0B30



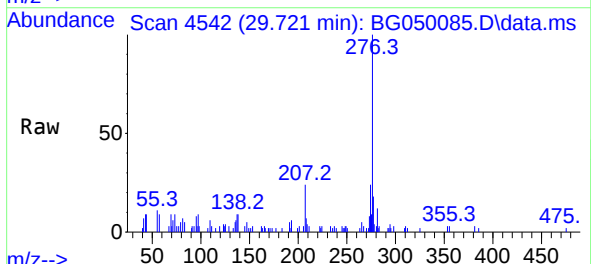
Tgt Ion:278 Resp: 15801
Ion Ratio Lower Upper
278 100
139 12.8 5.2 7.8#
279 22.5 19.0 28.4

Manual Integrations
APPROVED

mohammad
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#96
Benzo(g,h,i)perylene
Concen: 3.723 ng/ul m
RT: 29.721 min Scan# 4542
Delta R.T. 0.008 min
Lab File: BG050085.D
Acq: 1 Sep 2021 5:29



Tgt Ion:276 Resp: 41716
Ion Ratio Lower Upper
276 100
138 9.4 8.6 13.0
277 18.3 17.4 26.0

