

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058173.D
 Acq On : 12 Jul 2023 00:37
 Operator : CG/JU
 Sample : 03386-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EX7Y7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:45:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	43286	20.000	ng/u1	0.00
20) Naphthalene-d8	10.778	136	202155	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.597	164	144151	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.341	188	331031	20.000	ng/u1	0.00
79) Chrysene-d12	21.595	240	279076	20.000	ng/u1	0.00
88) Perylene-d12	24.791	264	341534	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	1644	1.330	ng/uL	0.00
4) Pyridine-d5	3.822	84	3929	1.047	ng/u1	0.01
7) Phenol-d5	7.130	99	39923	9.031	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.294	67	25076	9.413	ng/u1	0.00
11) 2-Chlorophenol-d4	7.500	132	28527	9.357	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	19147	5.740	ng/u1	0.00
21) Nitrobenzene-d5	9.133	128	15766	9.569	ng/u1	0.00
24) 2-Nitrophenol-d4	9.856	143	16150	9.326	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	28817	8.675	ng/u1	0.00
31) 4-Chloroaniline-d4	10.908	131	10568	2.098	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	110497	9.715	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	126814	10.218	ng/u1	0.00
54) 4-Nitrophenol-d4	14.809	143	2822m	1.404	ng/u1	0.01
60) Fluorene-d10	15.590	176	102983	10.662	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.702	200	1213	0.675	ng/u1	0.00
73) Anthracene-d10	17.435	188	145912	9.499	ng/u1	0.00
81) Pyrene-d10	19.727	212	194060	11.041	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.562	264	160094	9.201	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.793	105	18937	3.422	ng/u1	97
47) Dimethylphthalate	14.045	163	26393	2.310	ng/u1	99
80) Fluoranthene	19.392	202	42730	2.098	ng/u1	97
82) Pyrene	19.756	202	42072	2.052	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.478	149	51010	4.282	ng/u1	94
87) Chrysene	21.642	228	87226	4.644	ng/u1	97
90) Benzo(b)fluoranthene	23.775	252	81134	3.837	ng/u1	97
91) Benzo(k)fluoranthene	23.828	252	21542m	1.039	ng/u1	
96) Benzo(g,h,i)perylene	29.568	276	21502m	1.059	ng/u1	

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

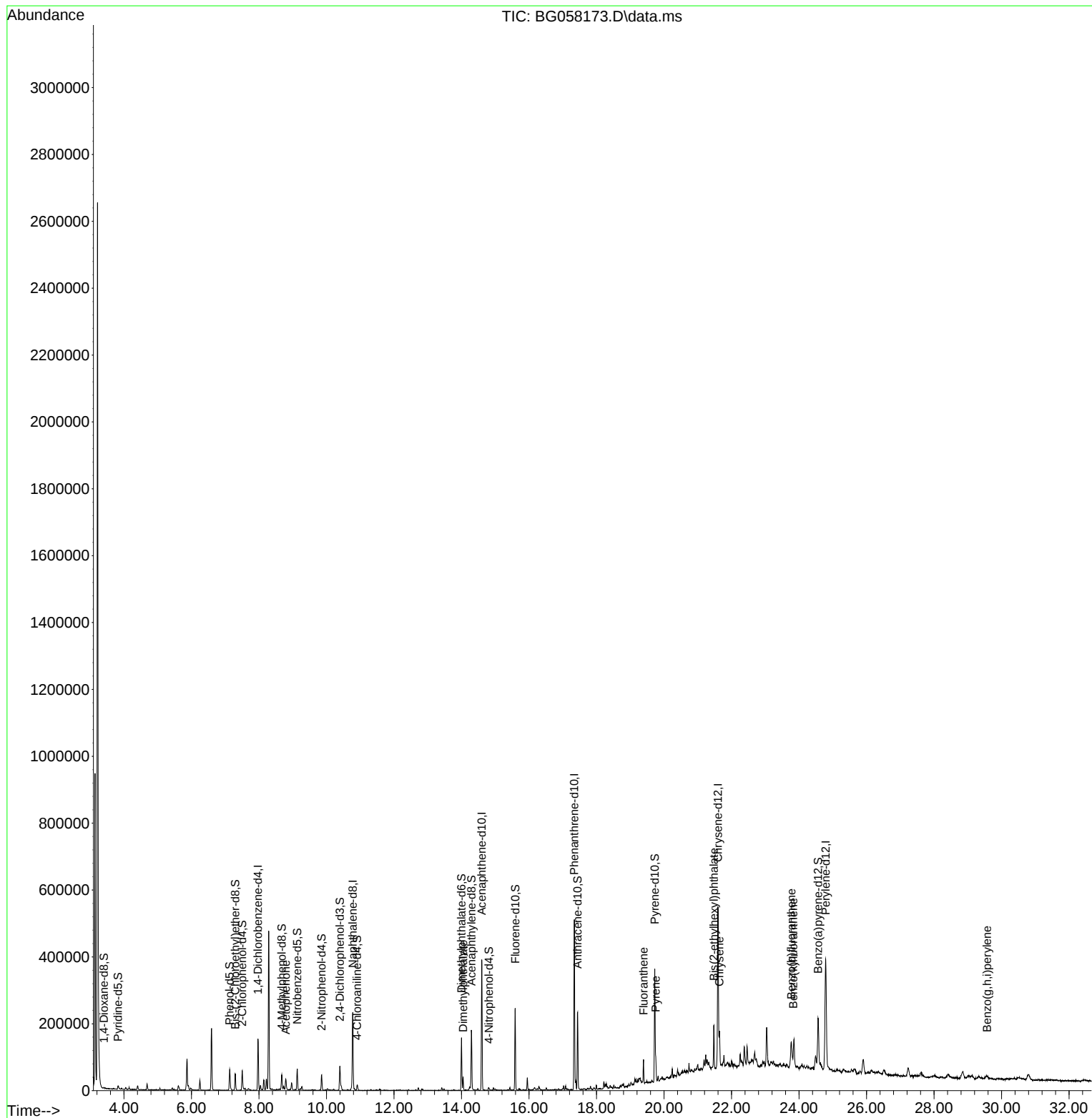
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058173.D
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Operator : CG/JU
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ALS Vial : 22 Sample Multiplier: 1

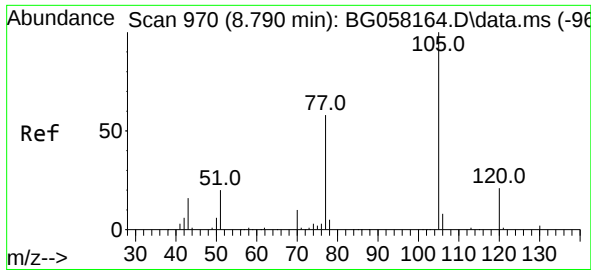
Instrument :
BNA_G
ClientSampleId :
EX7Y7

Quant Time: Jul 12 01:45:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
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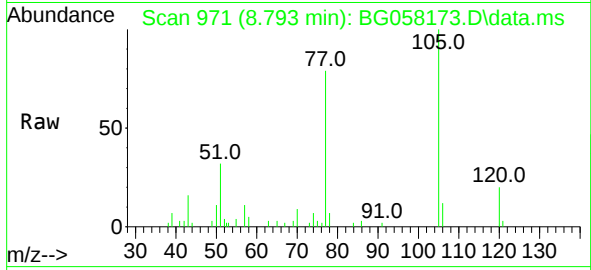
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023





#16
Acetophenone
Concen: 3.422 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG058173.D
Acq: 12 Jul 2023 00:37

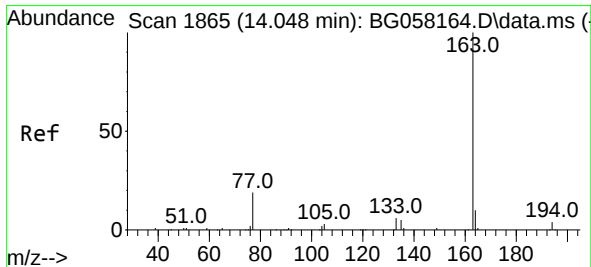
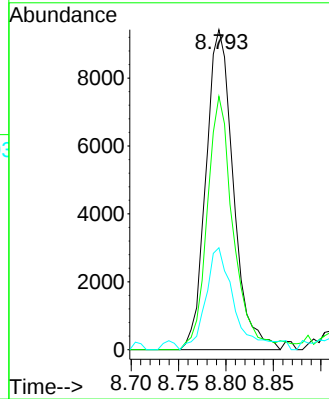
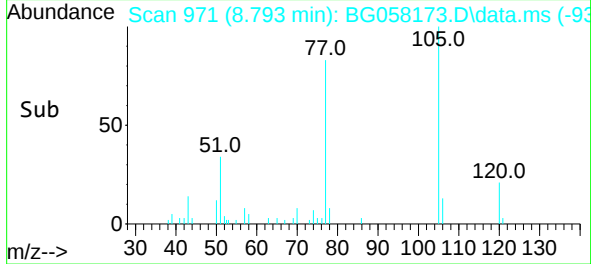
Instrument :
BNA_G
ClientSampleId :
EX7Y7



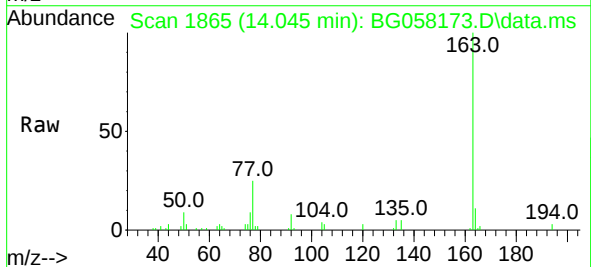
Tgt Ion:105 Resp: 1893
Ion Ratio Lower Upper
105 100
77 79.1 61.2 91.8
51 31.8 23.5 35.3

Manual Integrations
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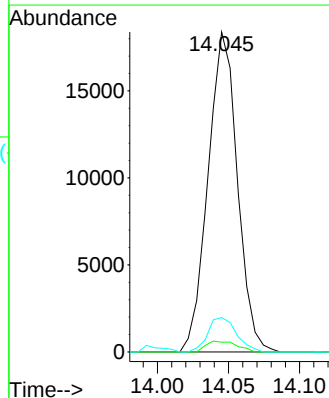
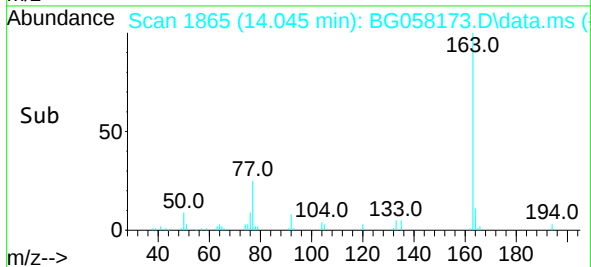
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

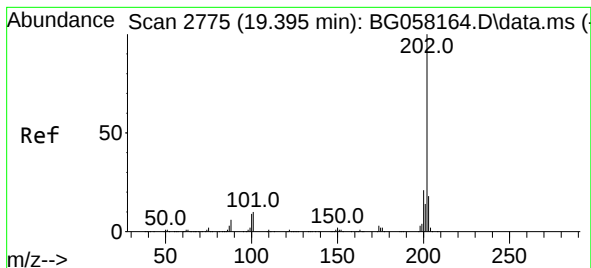


#47
Dimethylphthalate
Concen: 2.310 ng/ul
RT: 14.045 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058173.D
Acq: 12 Jul 2023 00:37



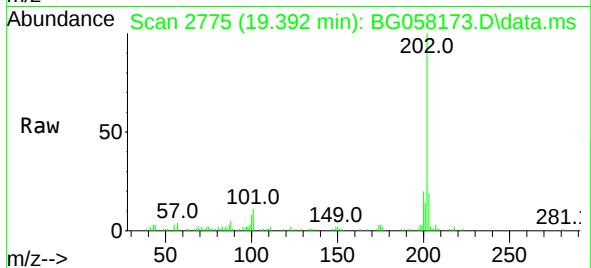
Tgt Ion:163 Resp: 26393
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.8 8.6 12.8





#80
Fluoranthene
Concen: 2.098 ng/u1
RT: 19.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058173.D
Acq: 12 Jul 2023 00:37

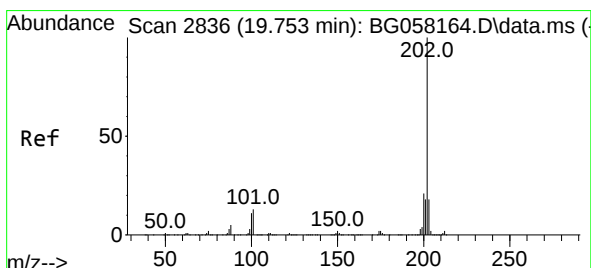
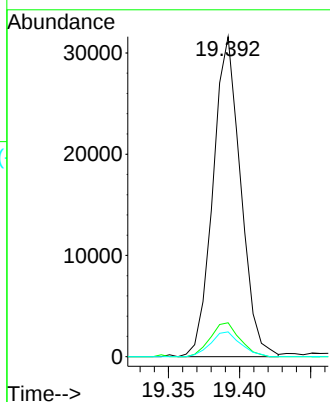
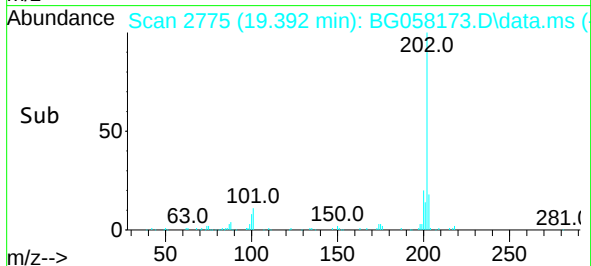
Instrument :
BNA_G
ClientSampleId :
EX7Y7



Tgt Ion:202 Resp: 42730
Ion Ratio Lower Upper
202 100
101 10.6 9.1 13.7
100 7.8 7.1 10.7

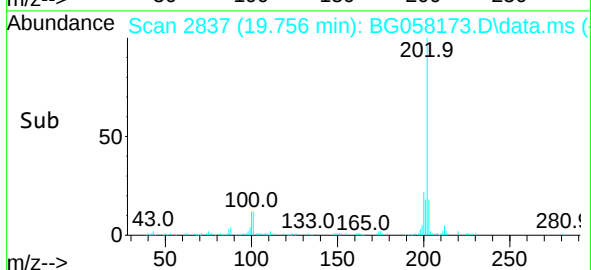
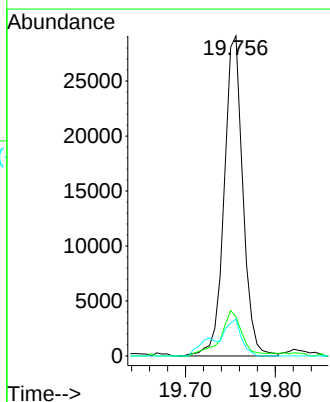
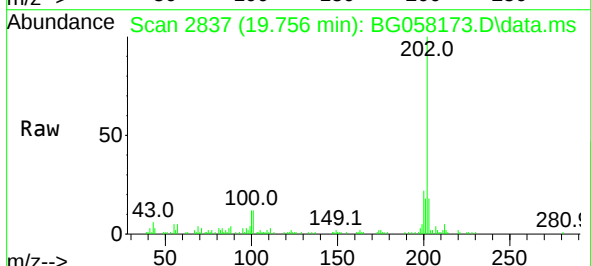
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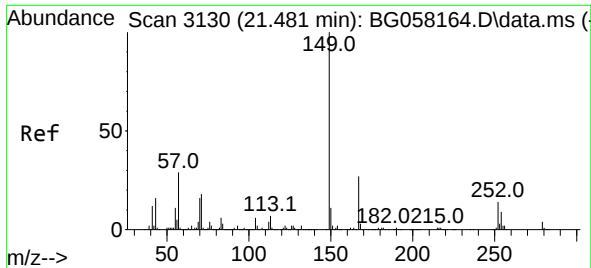
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#82
Pyrene
Concen: 2.052 ng/u1
RT: 19.756 min Scan# 2837
Delta R.T. 0.000 min
Lab File: BG058173.D
Acq: 12 Jul 2023 00:37

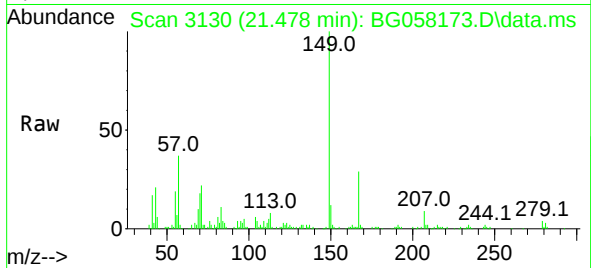
Tgt Ion:202 Resp: 42072
Ion Ratio Lower Upper
202 100
101 12.2 10.2 15.2
100 11.5 8.9 13.3





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.282 ng/ul
 RT: 21.478 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BG058173.D
 Acq: 12 Jul 2023 00:37

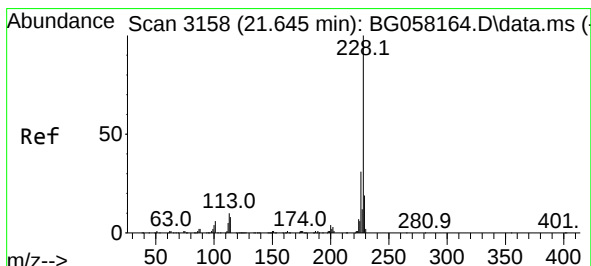
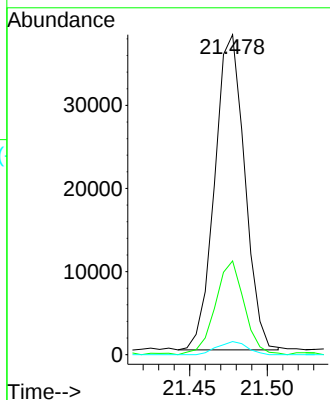
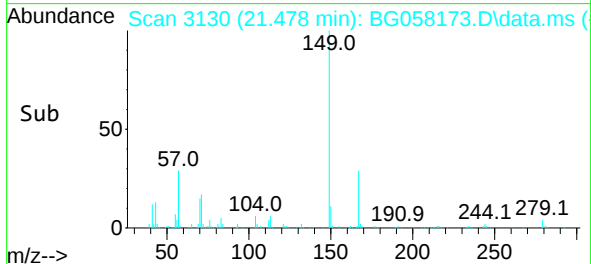
Instrument :
 BNA_G
 ClientSampleId :
 EX7Y7



Tgt Ion:149 Resp: 51010
 Ion Ratio Lower Upper
 149 100
 167 29.3 20.9 31.3
 279 4.1 3.1 4.7

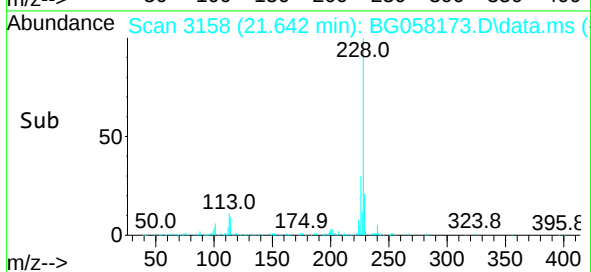
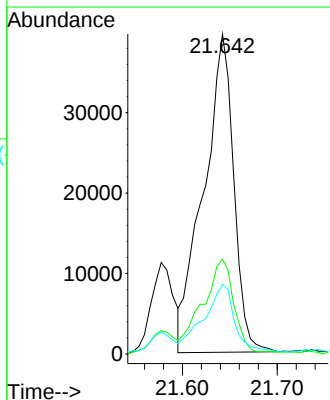
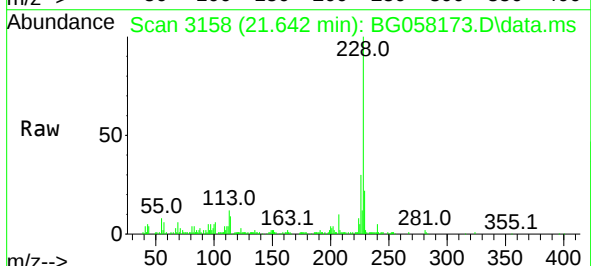
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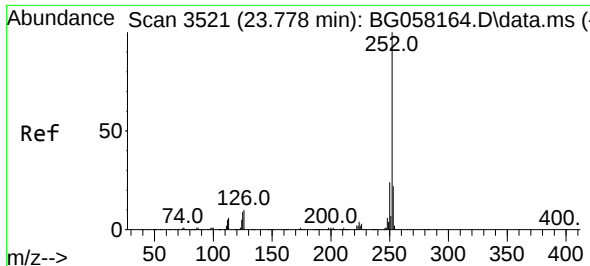
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023



#87
 Chrysene
 Concen: 4.644 ng/ul
 RT: 21.642 min Scan# 3158
 Delta R.T. -0.006 min
 Lab File: BG058173.D
 Acq: 12 Jul 2023 00:37

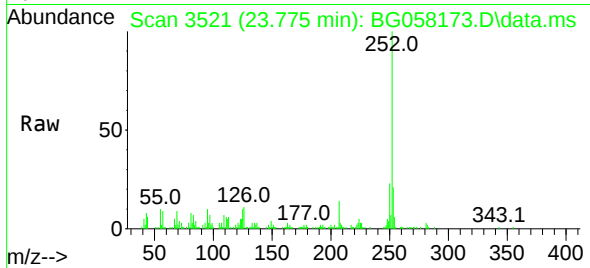
Tgt Ion:228 Resp: 87226
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.4 36.6
 229 21.7 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 3.837 ng/ul
RT: 23.775 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BG058173.D
Acq: 12 Jul 2023 00:37

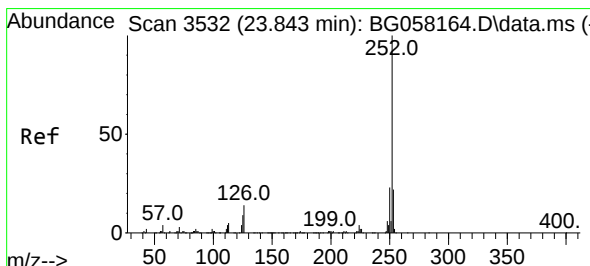
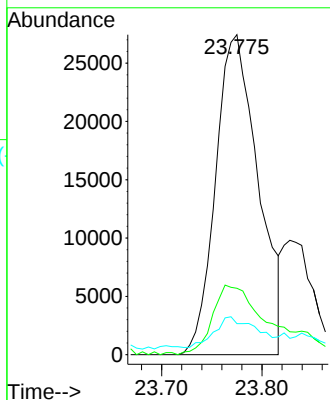
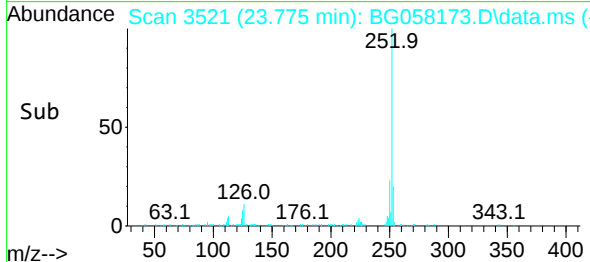
Instrument :
BNA_G
ClientSampleId :
EX7Y7



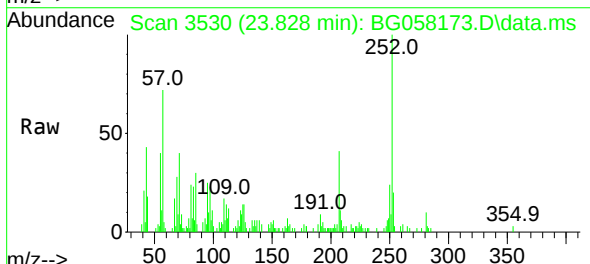
Tgt Ion:252 Resp: 81134
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 9.7 7.5 11.3

Manual Integrations
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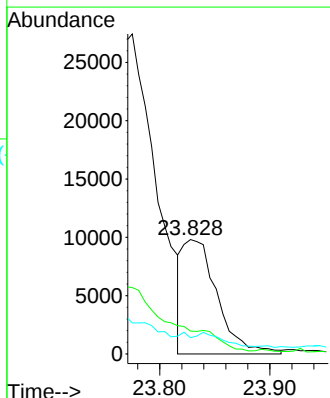
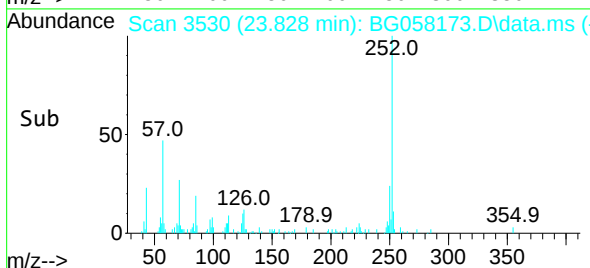
Reviewed By :Yogesh Patel 07/12/2023
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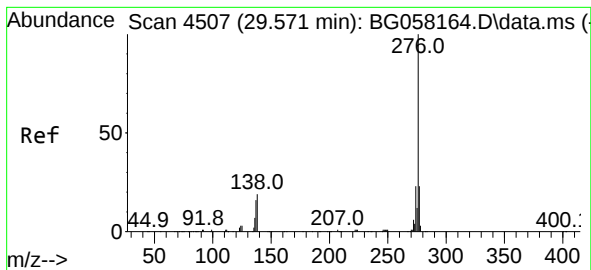


#91
Benzo(k)fluoranthene
Concen: 1.039 ng/ul m
RT: 23.828 min Scan# 3530
Delta R.T. -0.012 min
Lab File: BG058173.D
Acq: 12 Jul 2023 00:37



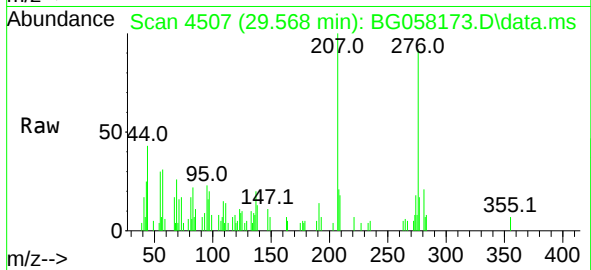
Tgt Ion:252 Resp: 21542
Ion Ratio Lower Upper
252 100
253 20.1 17.7 26.5
125 14.3 7.4 11.2#





#96
 Benzo(g,h,i)perylene
 Concen: 1.059 ng/ul m
 RT: 29.568 min Scan# 4
 Delta R.T. 0.006 min
 Lab File: BG058173.D
 Acq: 12 Jul 2023 00:37

Instrument :
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 ClientSampleId :
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Tgt Ion:	276	Resp:	2150
Ion Ratio	Lower	Upper	
276	100		
138	14.4	14.2	21.2
277	18.0	18.6	27.8

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