

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
 Data File : BG058450.D
 Acq On : 25 Jul 2023 17:33
 Operator : CG/JU
 Sample : 03534-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4737

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 01:06:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 24 22:10:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	36516	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	165078	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	131751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	336483	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	293481	20.000	ng/u1	0.00
88) Perylene-d12	24.510	264	356147	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3168	3.193	ng/uL	0.00
4) Pyridine-d5	3.652	84	37431	12.711	ng/u1	0.00
7) Phenol-d5	6.983	99	50444	14.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.148	67	33263	15.363	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	38396	15.835	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	21487	8.132	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	17210	13.909	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	19575	14.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	36192	13.976	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	4953m	1.319	ng/u1	0.02
46) Dimethylphthalate-d6	13.869	166	162890	16.033	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	178367	16.753	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	12616m	8.222	ng/u1	0.00
60) Fluorene-d10	15.456	176	154048	18.314	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	16906	9.862	ng/u1	0.00
73) Anthracene-d10	17.306	188	229939	15.815	ng/u1	0.00
81) Pyrene-d10	19.598	212	316622	18.266	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.298	264	271377	15.765	ng/u1	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.646	105	5333	1.185	ng/u1#	90
47) Dimethylphthalate	13.916	163	44938	4.404	ng/u1	98
72) Phenanthrene	17.248	178	67156	4.200	ng/u1	99
74) Anthracene	17.342	178	18379	1.145	ng/u1	96
80) Fluoranthene	19.263	202	121843	6.136	ng/u1	99
82) Pyrene	19.627	202	114562	5.694	ng/u1	99
85) Benzo(a)anthracene	21.425	228	52312	2.652	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.331	149	12407	1.101	ng/u1#	98
87) Chrysene	21.490	228	51580	2.757	ng/u1	94
90) Benzo(b)fluoranthene	23.546	252	58950	2.861	ng/u1#	96
91) Benzo(k)fluoranthene	23.593	252	23037m	1.121	ng/u1	
93) Benzo(a)pyrene	24.369	252	38648	2.109	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	27.982	276	28534	1.182	ng/u1	93
96) Benzo(g,h,i)perylene	29.087	276	24820m	1.262	ng/u1	

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

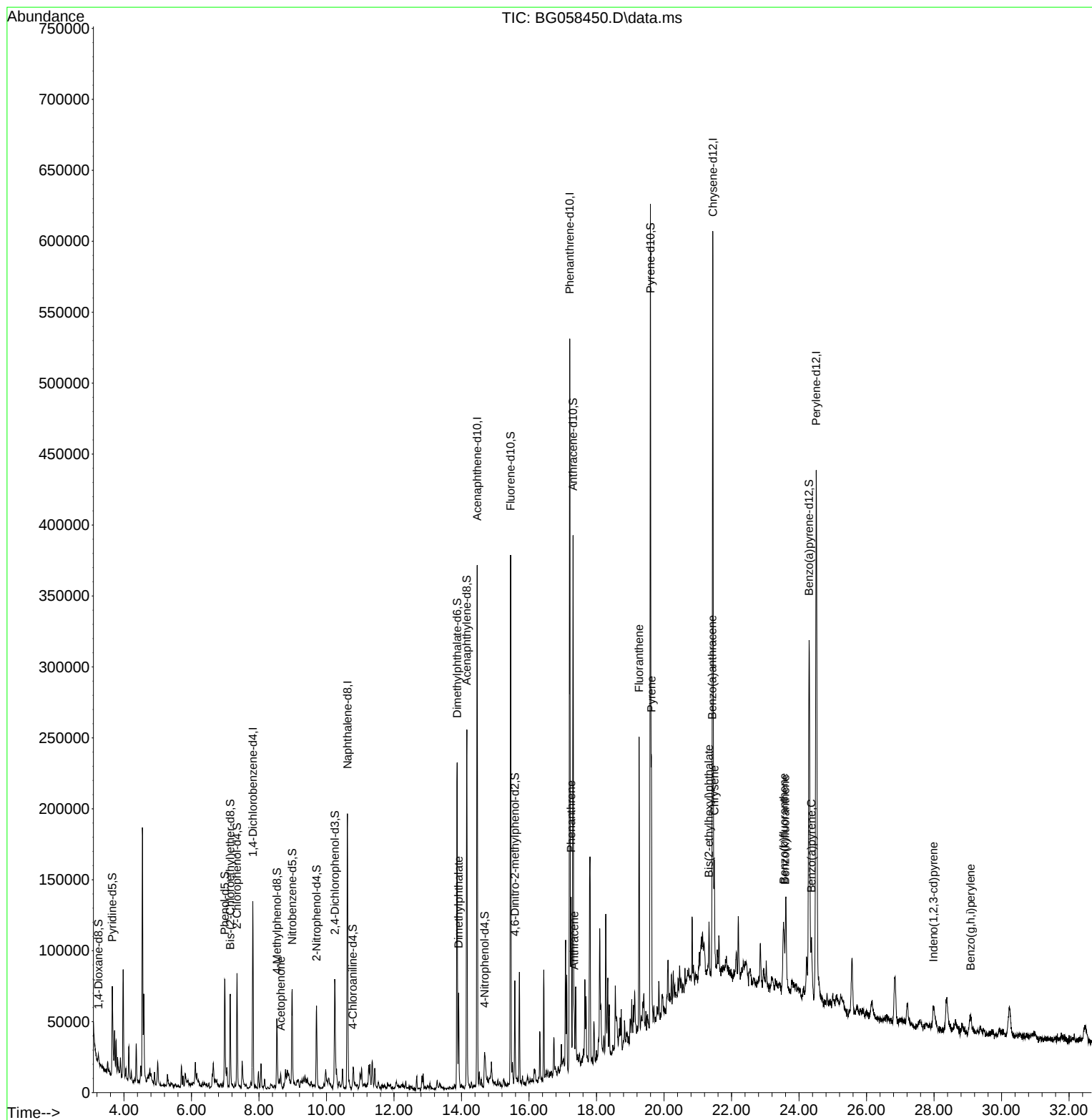
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
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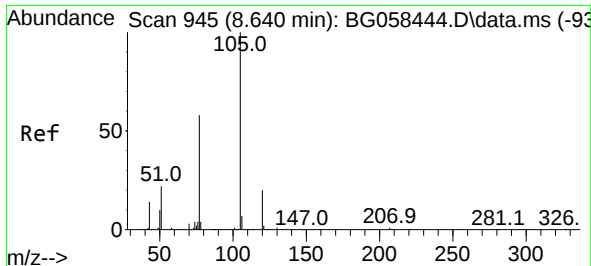
Instrument :
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Quant Time: Jul 26 01:06:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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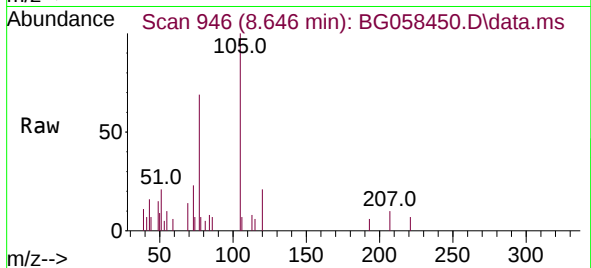
Reviewed By :Yogesh Patel 07/26/2023
 Supervised By :mohammad ahmed 07/26/2023





#16
Acetophenone
Concen: 1.185 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.005 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

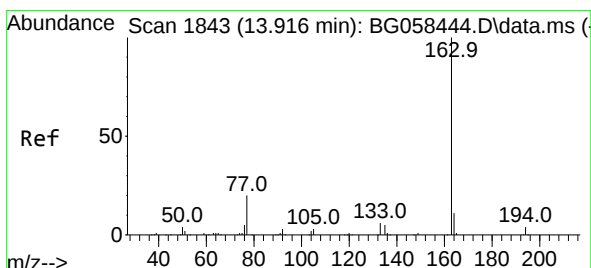
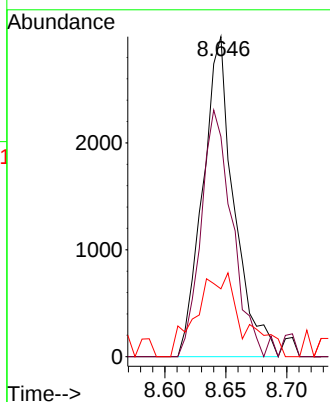
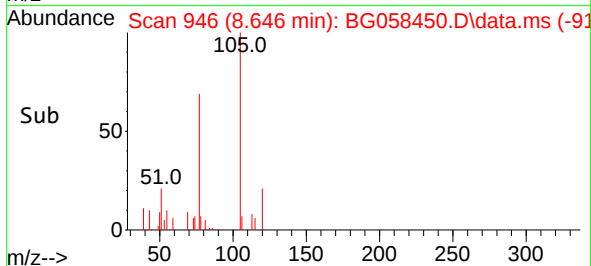
Instrument :
BNA_G
ClientSampleId :
A4737



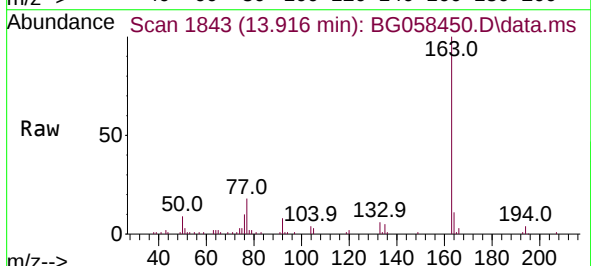
Tgt Ion:105 Resp: 533
Ion Ratio Lower Upper
105 100
77 68.8 60.7 91.1
51 21.2 23.5 35.3

Manual Integrations
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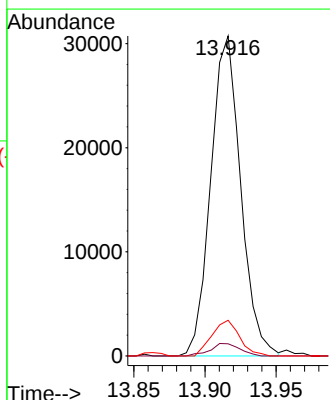
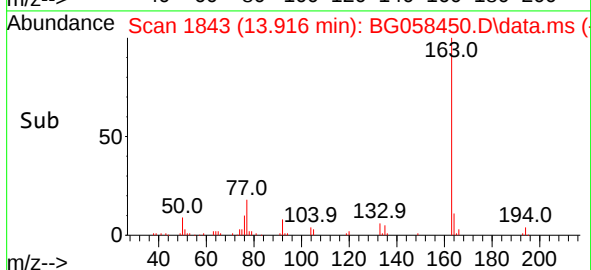
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

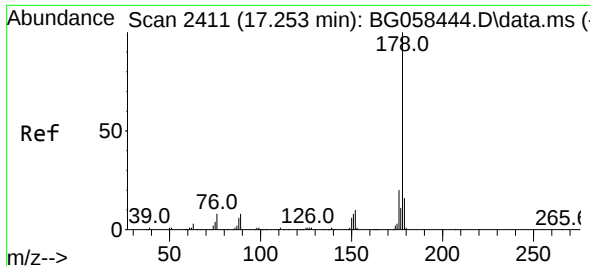


#47
Dimethylphthalate
Concen: 4.404 ng/ul
RT: 13.916 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33



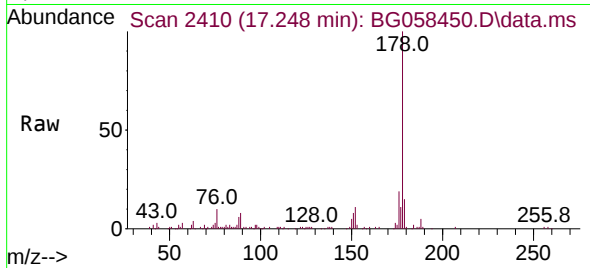
Tgt Ion:163 Resp: 44938
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 11.1 8.2 12.2





#72
Phenanthrene
Concen: 4.200 ng/ul
RT: 17.248 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

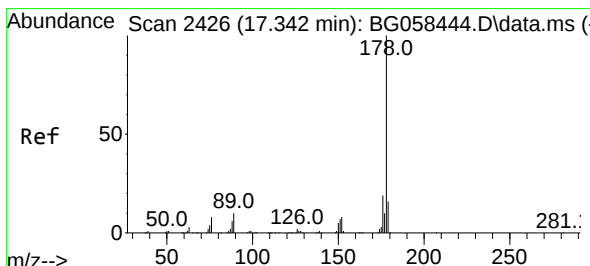
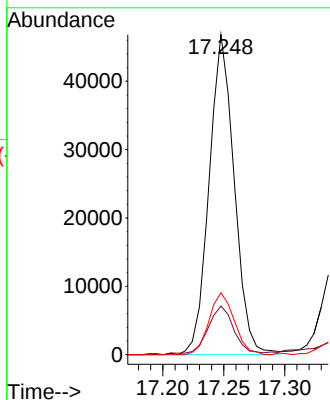
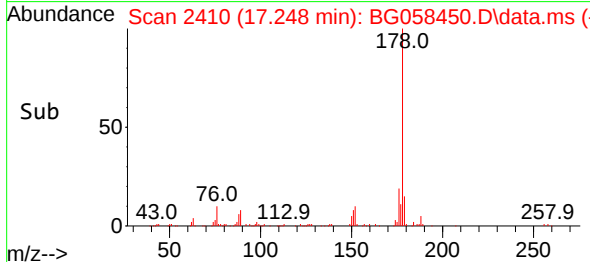
Instrument :
BNA_G
ClientSampleId :
A4737



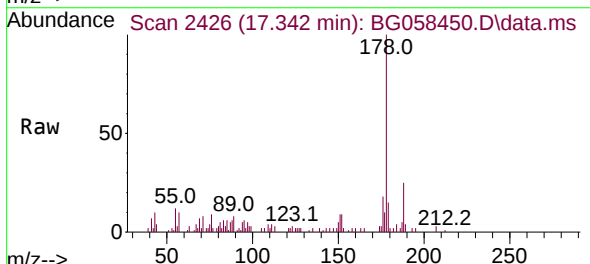
Tgt Ion:178 Resp: 67150
Ion Ratio Lower Upper
178 100
179 15.2 11.9 17.9
176 19.3 15.8 23.8

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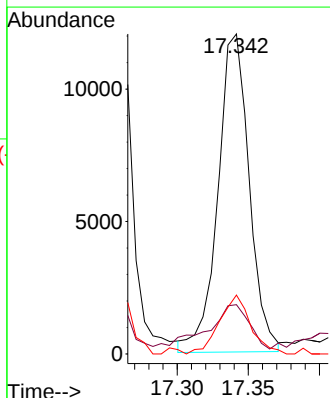
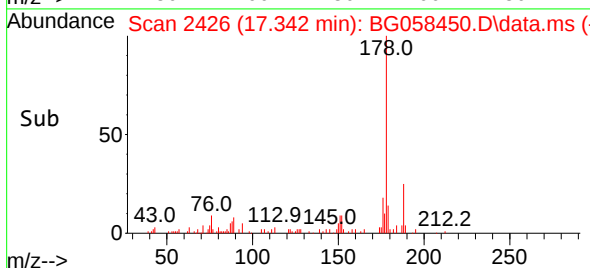
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

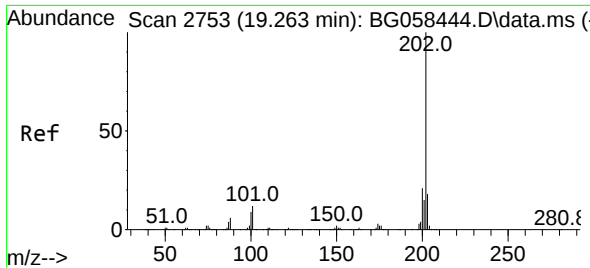


#74
Anthracene
Concen: 1.145 ng/ul
RT: 17.342 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33



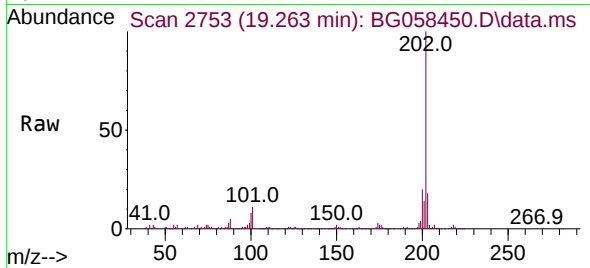
Tgt Ion:178 Resp: 18379
Ion Ratio Lower Upper
178 100
179 15.4 13.4 20.2
176 18.4 16.2 24.2





#80
Fluoranthene
Concen: 6.136 ng/u1
RT: 19.263 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

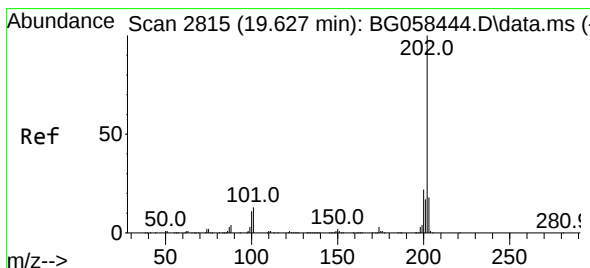
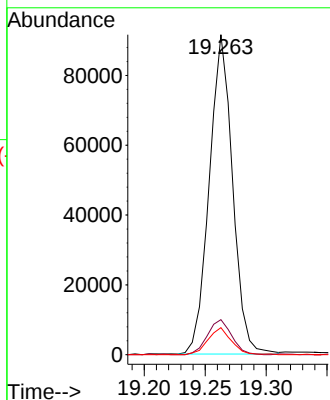
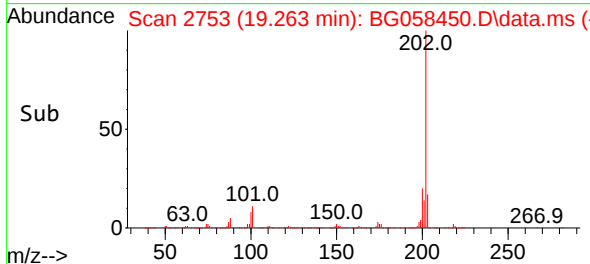
Instrument :
BNA_G
ClientSampleId :
A4737



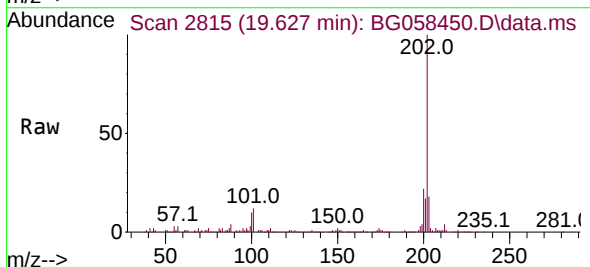
Tgt Ion:202 Resp: 12184
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.4 7.2 10.8

Manual Integrations
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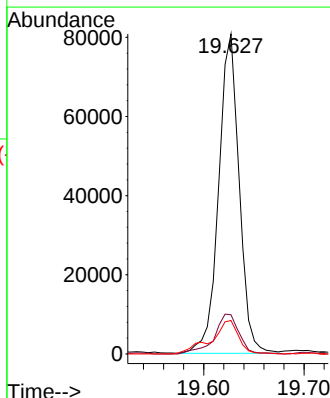
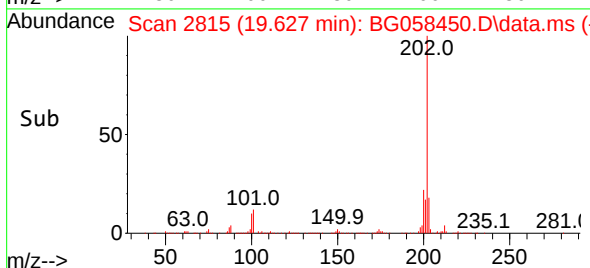
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

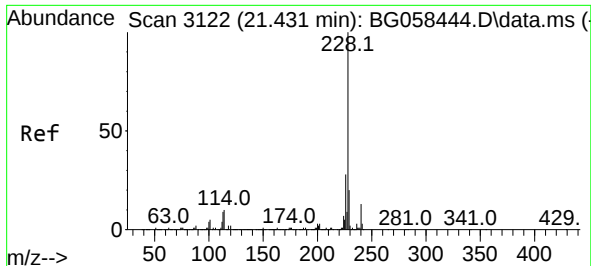


#82
Pyrene
Concen: 5.694 ng/u1
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33



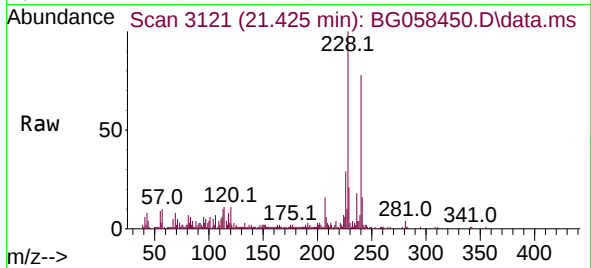
Tgt Ion:202 Resp: 114562
Ion Ratio Lower Upper
202 100
101 12.3 10.2 15.2
100 10.4 8.9 13.3





#85
Benzo(a)anthracene
Concen: 2.652 ng/ul
RT: 21.425 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

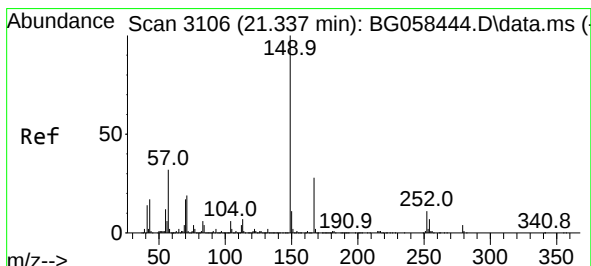
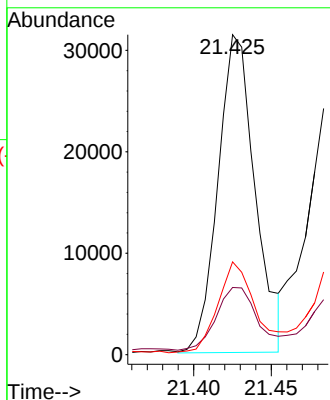
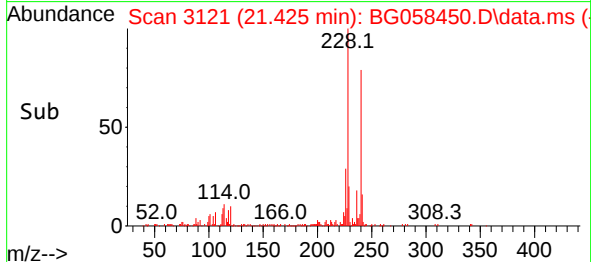
Instrument :
BNA_G
ClientSampleId :
A4737



Tgt Ion:228 Resp: 52312
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 29.0 21.8 32.8

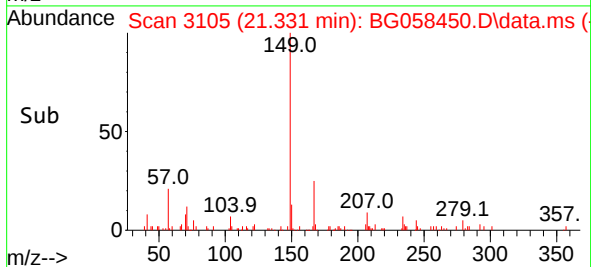
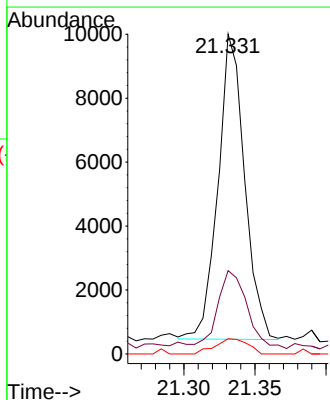
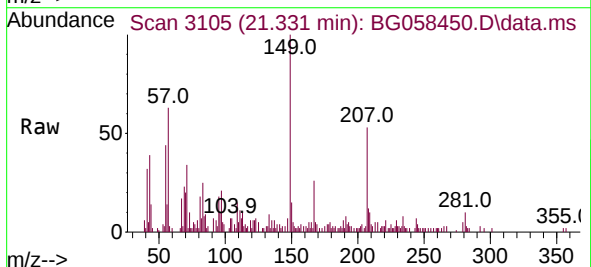
Manual Integrations
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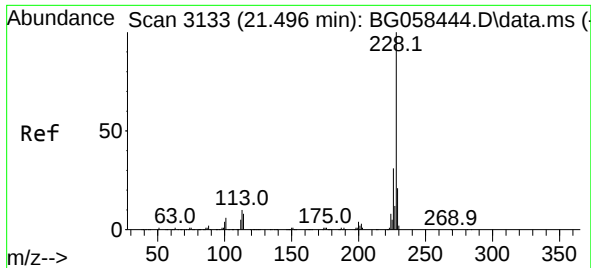
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.101 ng/ul
RT: 21.331 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

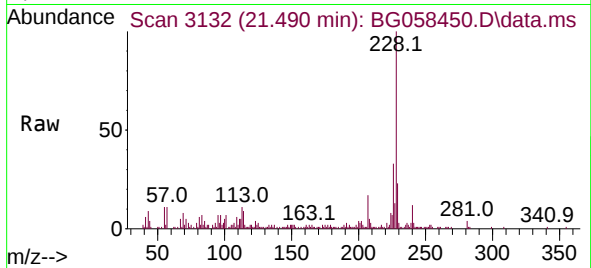
Tgt Ion:149 Resp: 12407
Ion Ratio Lower Upper
149 100
167 26.0 21.6 32.4
279 4.7 3.0 4.4#





#87
Chrysene
Concen: 2.757 ng/ul
RT: 21.490 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

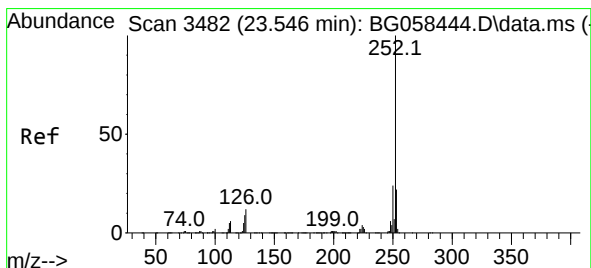
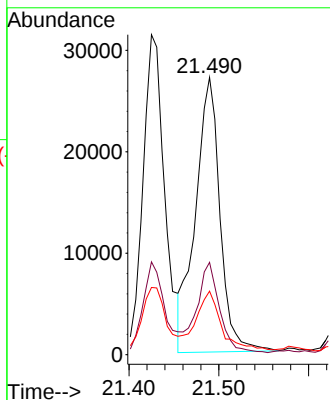
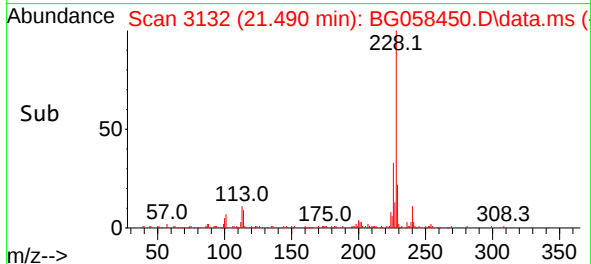
Instrument :
BNA_G
ClientSampleId :
A4737



Tgt Ion:228 Resp: 51580
Ion Ratio Lower Upper
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226 33.3 24.0 36.0
229 22.9 15.8 23.8

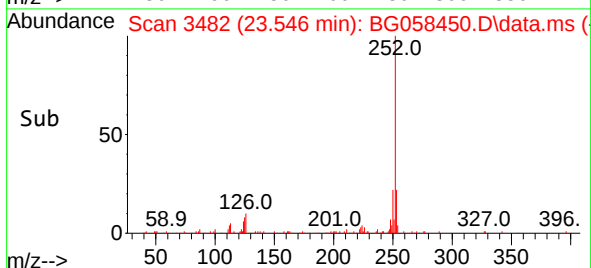
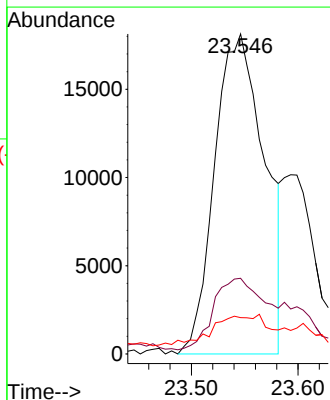
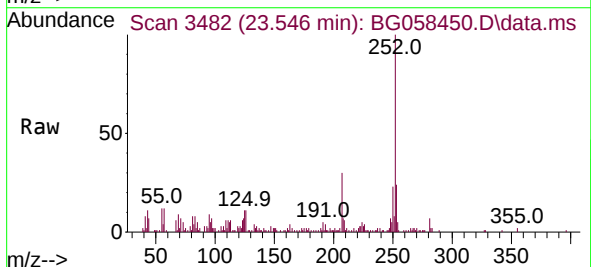
Manual Integrations
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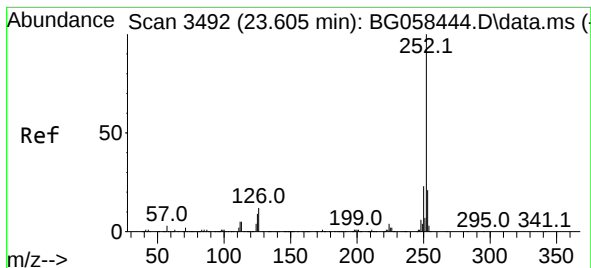
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023



#90
Benzo(b)fluoranthene
Concen: 2.861 ng/ul
RT: 23.546 min Scan# 3482
Delta R.T. -0.001 min
Lab File: BG058450.D
Acq: 25 Jul 2023 17:33

Tgt Ion:252 Resp: 58950
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 11.4 6.7 10.1#





#91

Benzo(k)fluoranthene

Concen: 1.121 ng/ul m

RT: 23.593 min Scan# 3492

Delta R.T. -0.018 min

Lab File: BG058450.D

Acq: 25 Jul 2023 17:33

Instrument :

BNA_G

ClientSampleId :

A4737

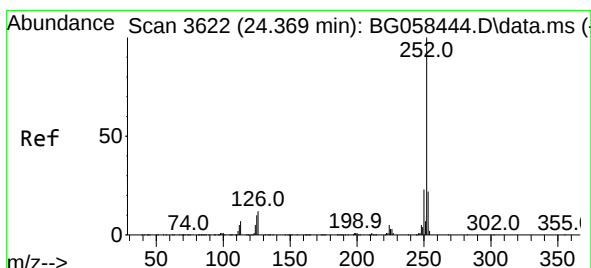
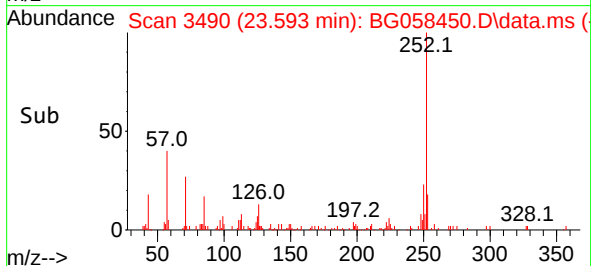
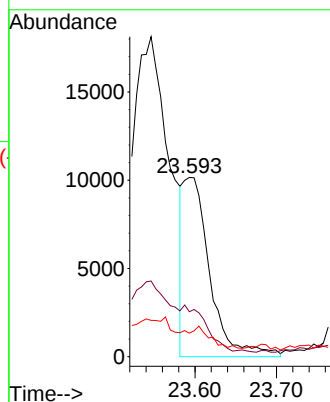
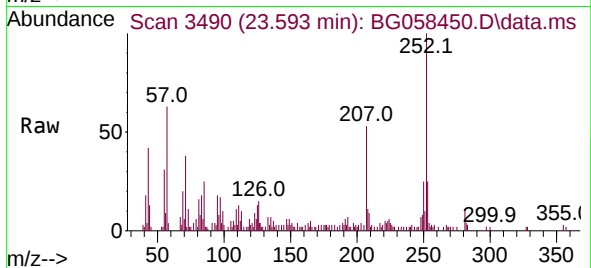
Tgt Ion:	252	Resp:	2303
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.3	27.5
125	13.2	7.4	11.0

Manual Integrations

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Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#93

Benzo(a)pyrene

Concen: 2.109 ng/ul

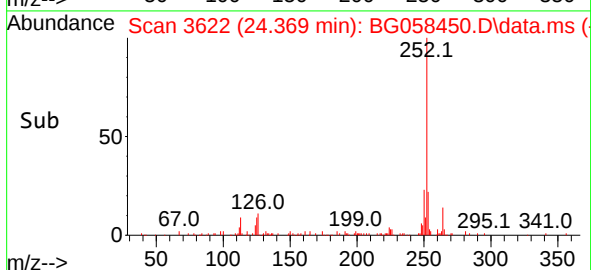
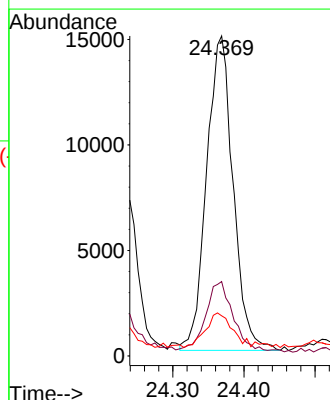
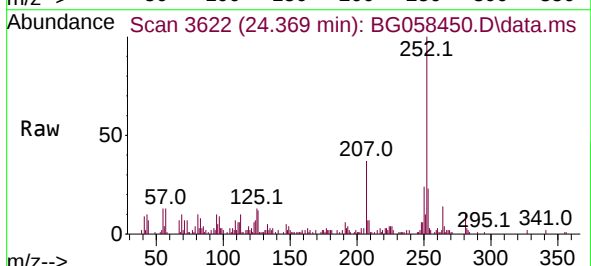
RT: 24.369 min Scan# 3622

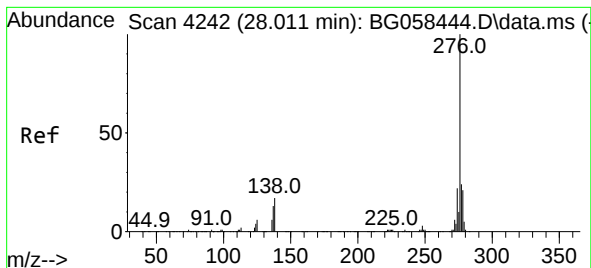
Delta R.T. -0.006 min

Lab File: BG058450.D

Acq: 25 Jul 2023 17:33

Tgt Ion:	252	Resp:	38648
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	12.5	7.7	11.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.182 ng/ul

RT: 27.982 min Scan# 41

Delta R.T. -0.030 min

Lab File: BG058450.D

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BNA_G

ClientSampleId :

A4737

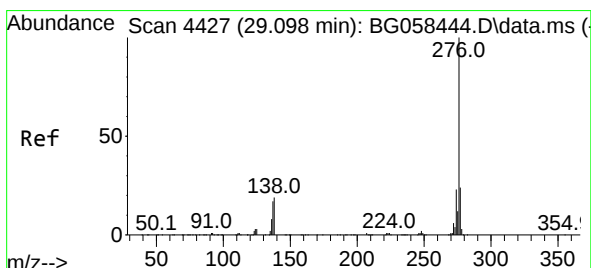
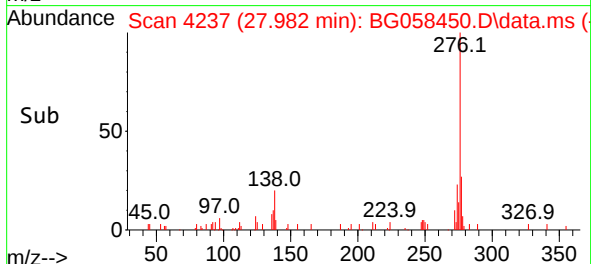
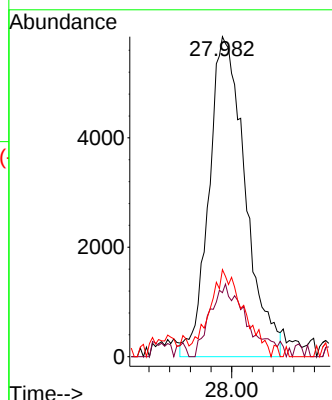
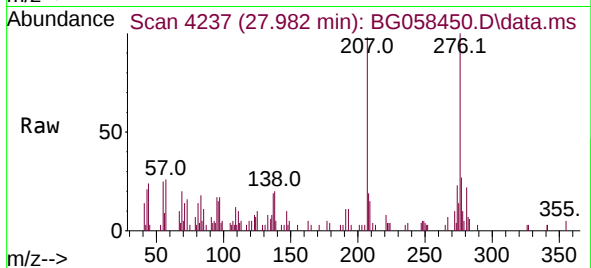
Tgt Ion:	276	Resp:	28534
Ion Ratio	Lower	Upper	
276	100		
138	20.0	13.8	20.6
277	27.2	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#96

Benzo(g,h,i)perylene

Concen: 1.262 ng/ul m

RT: 29.087 min Scan# 4425

Delta R.T. -0.024 min

Lab File: BG058450.D

Acq: 25 Jul 2023 17:33

Tgt Ion:	276	Resp:	24820
Ion Ratio	Lower	Upper	
276	100		
138	19.1	13.5	20.3
277	22.6	19.4	29.2

