

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
 Data File : BG058435.D
 Acq On : 24 Jul 2023 22:56
 Operator : CG/JU
 Sample : 03504-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 24 23:35:32 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	49352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.614	136	217857	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	159049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.206	188	366633	20.000	ng/u1	0.00
79) Chrysene-d12	21.443	240	310812	20.000	ng/u1	0.00
88) Perylene-d12	24.515	264	371431	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	2228m	1.662	ng/uL	0.00
4) Pyridine-d5	3.646	84	35571	8.938	ng/u1	0.00
7) Phenol-d5	6.989	99	50373	10.760	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	47034	16.074	ng/u1	0.00
11) 2-Chlorophenol-d4	7.347	132	42186	12.873	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	18301	5.125	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	24976	15.295	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	28846	16.181	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	32254	9.438	ng/u1	0.00
31) 4-Chloroaniline-d4	10.773	131	6383m	1.288	ng/u1	0.02
46) Dimethylphthalate-d6	13.869	166	205799	16.780	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	225231	17.524	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	9892m	5.341	ng/u1	0.01
60) Fluorene-d10	15.455	176	181595	17.884	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	20982	11.233	ng/u1	0.00
73) Anthracene-d10	17.306	188	202258	12.767	ng/u1	0.00
81) Pyrene-d10	19.598	212	296605	16.157	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.304	264	193807	10.796	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.646	105	6894	1.134	ng/u1	96
72) Phenanthrene	17.247	178	34266	1.967	ng/u1	98
80) Fluoranthene	19.263	202	77365	3.679	ng/u1	99
82) Pyrene	19.627	202	54099	2.539	ng/u1	99
85) Benzo(a)anthracene	21.425	228	30711	1.470	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.331	149	23591	1.977	ng/u1	100
87) Chrysene	21.490	228	32300	1.630	ng/u1	97
90) Benzo(b)fluoranthene	23.546	252	43177	2.009	ng/u1#	96

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

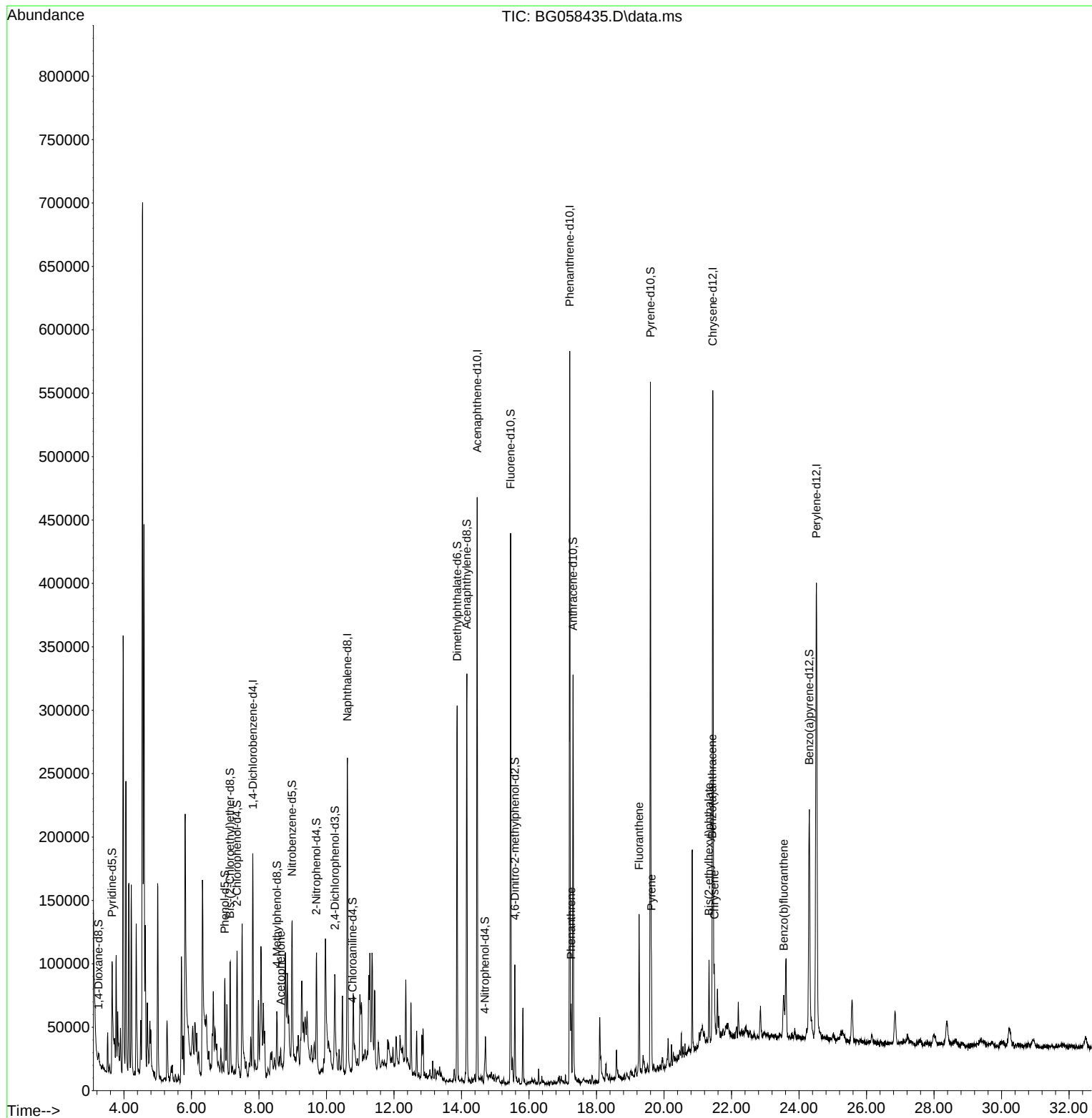
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
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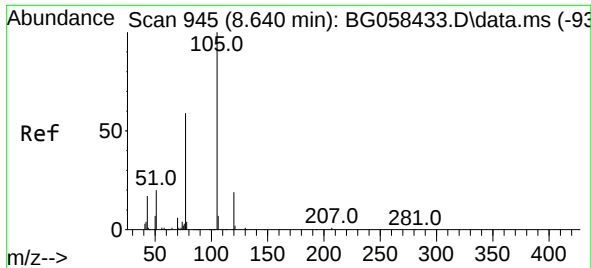
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jul 24 23:35:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
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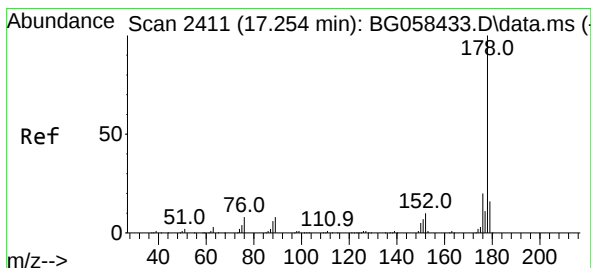
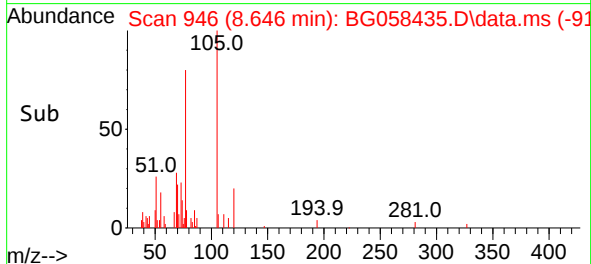
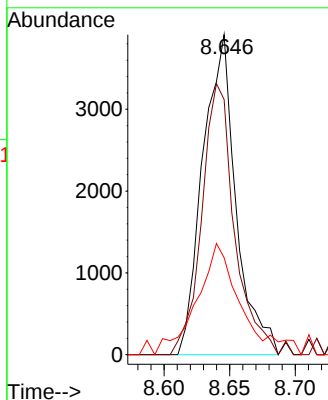
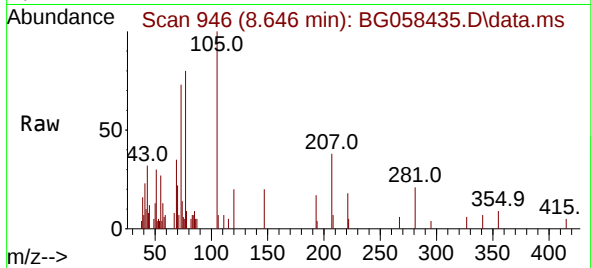
#16
Acetophenone
Concen: 1.134 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.005 min
Lab File: BG058435.D
Acq: 24 Jul 2023 22:56

Instrument :
BNA_G
ClientSampleId :
A46W7

Tgt Ion:105 Resp: 6894
Ion Ratio Lower Upper
105 100
77 79.8 60.7 91.1
51 30.3 23.5 35.3

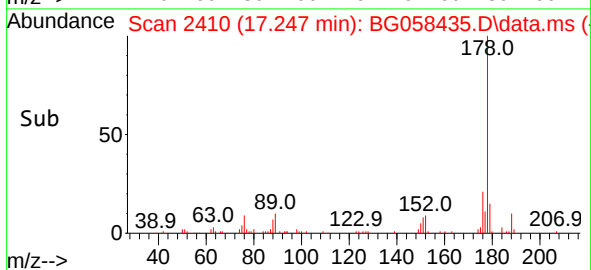
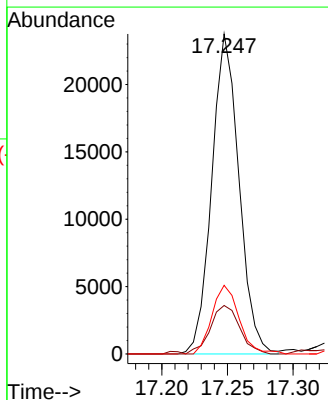
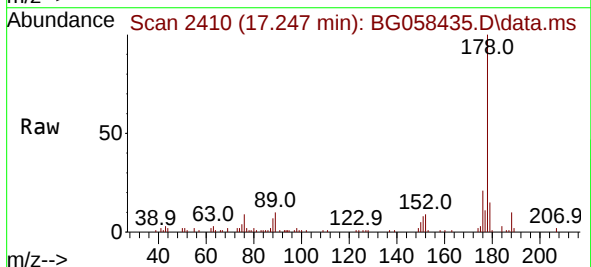
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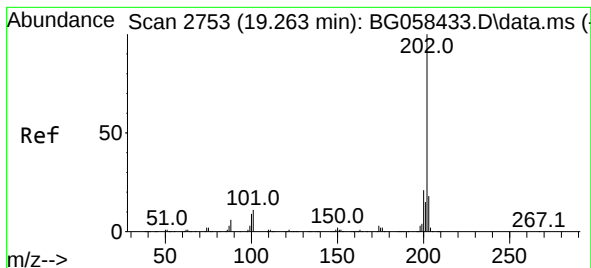
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#72
Phenanthrene
Concen: 1.967 ng/ul
RT: 17.247 min Scan# 2410
Delta R.T. -0.007 min
Lab File: BG058435.D
Acq: 24 Jul 2023 22:56

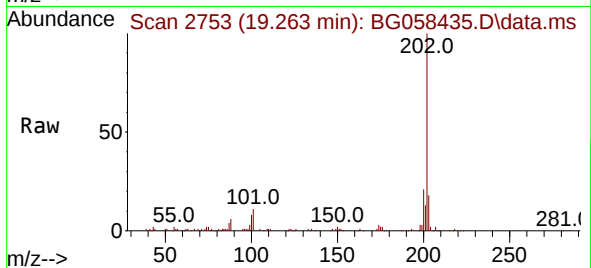
Tgt Ion:178 Resp: 34266
Ion Ratio Lower Upper
178 100
179 15.1 11.9 17.9
176 21.4 15.8 23.8





#80
Fluoranthene
Concen: 3.679 ng/u1
RT: 19.263 min Scan# 2753
Delta R.T. -0.007 min
Lab File: BG058435.D
Acq: 24 Jul 2023 22:56

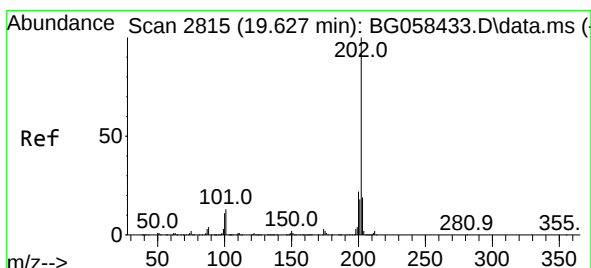
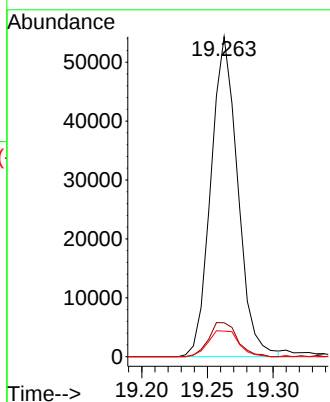
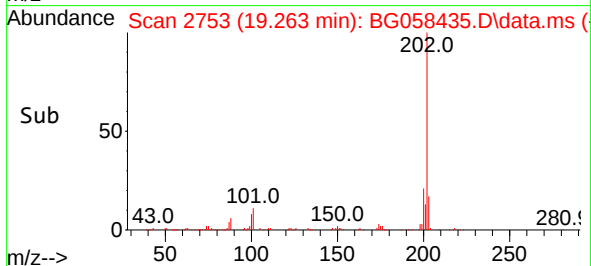
Instrument :
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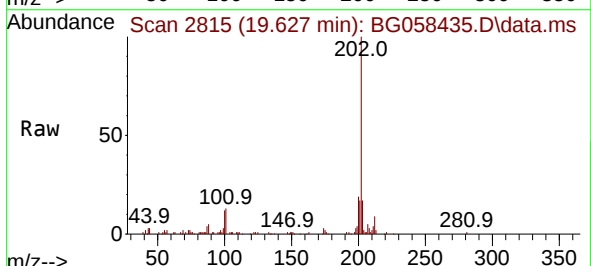
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Ion Ratio Lower Upper
202 100
101 10.6 8.6 12.8
100 8.0 7.2 10.8

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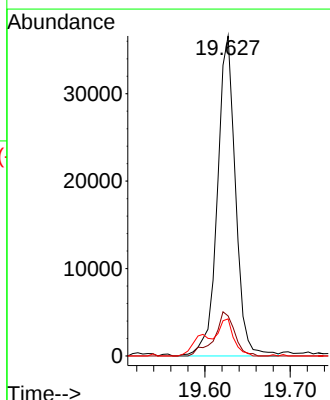
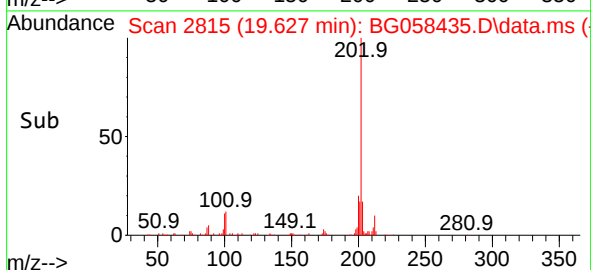
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

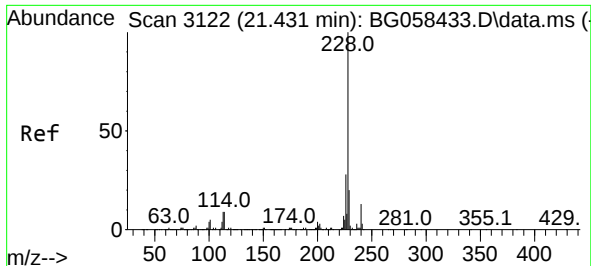


#82
Pyrene
Concen: 2.539 ng/u1
RT: 19.627 min Scan# 2815
Delta R.T. -0.001 min
Lab File: BG058435.D
Acq: 24 Jul 2023 22:56



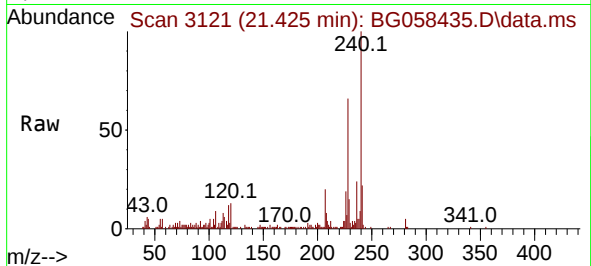
Tgt Ion:202 Resp: 54099
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 11.6 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.470 ng/ul
RT: 21.425 min Scan# 3122
Delta R.T. -0.007 min
Lab File: BG058435.D
Acq: 24 Jul 2023 22:56

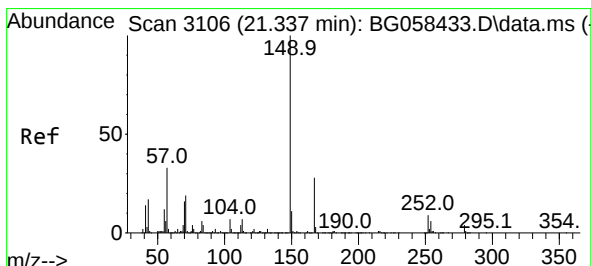
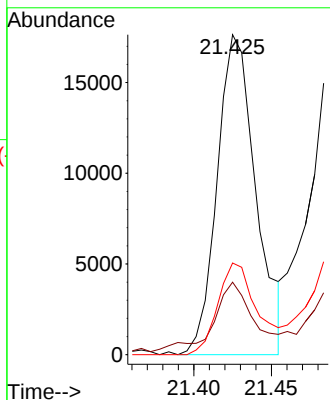
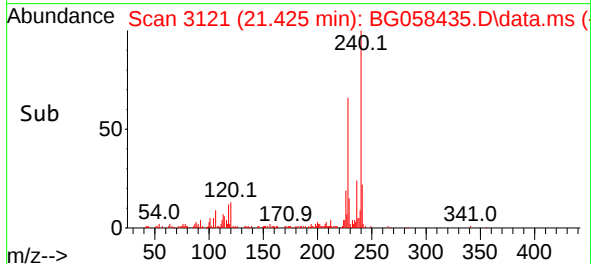
Instrument :
BNA_G
ClientSampleId :
A46W7



Tgt Ion:228 Resp: 3071
Ion Ratio Lower Upper
228 100
229 22.6 15.7 23.5
226 28.7 21.8 32.8

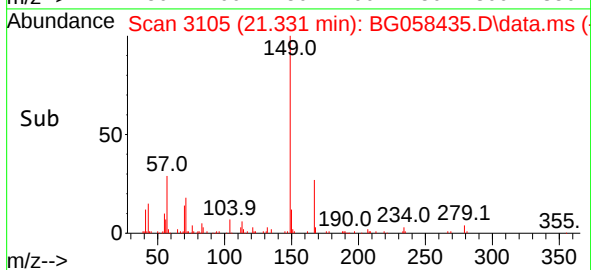
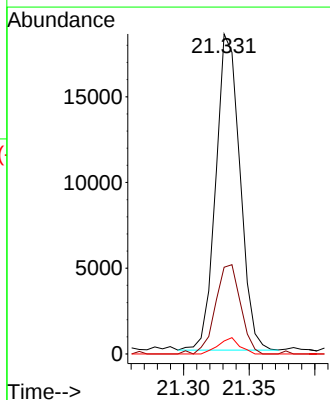
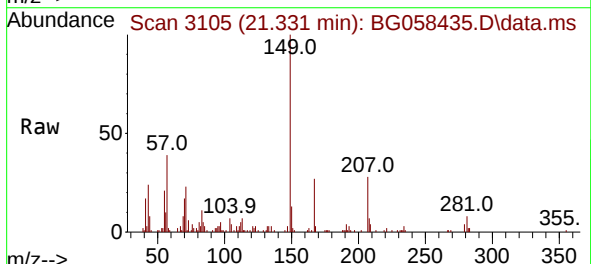
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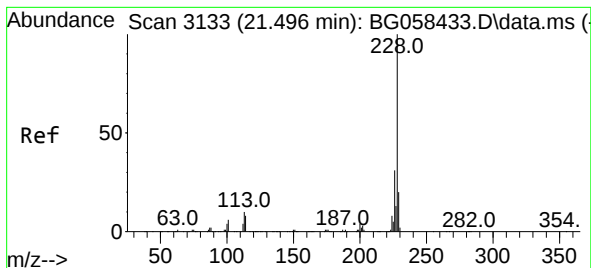
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.977 ng/ul
RT: 21.331 min Scan# 3105
Delta R.T. -0.007 min
Lab File: BG058435.D
Acq: 24 Jul 2023 22:56

Tgt Ion:149 Resp: 23591
Ion Ratio Lower Upper
149 100
167 27.1 21.6 32.4
279 4.0 3.0 4.4





#87

Chrysene

Concen: 1.630 ng/ul

RT: 21.490 min Scan# 3133

Delta R.T. -0.007 min

Lab File: BG058435.D

Acq: 24 Jul 2023 22:56

Instrument :

BNA_G

ClientSampleId :

A46W7

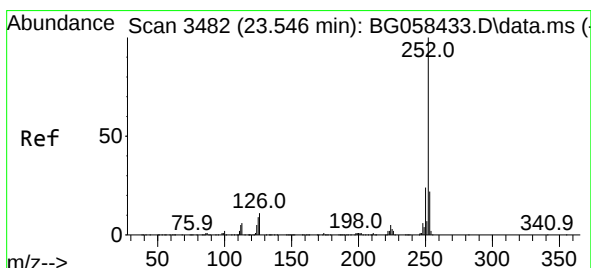
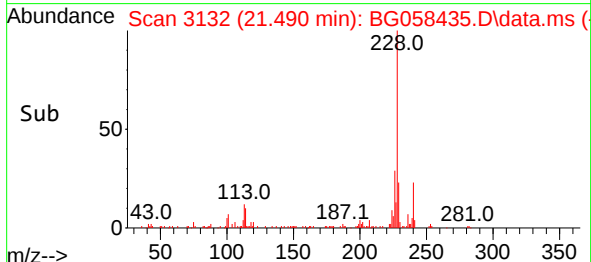
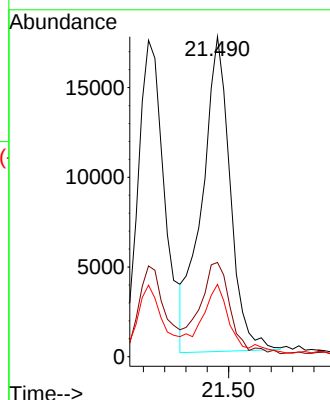
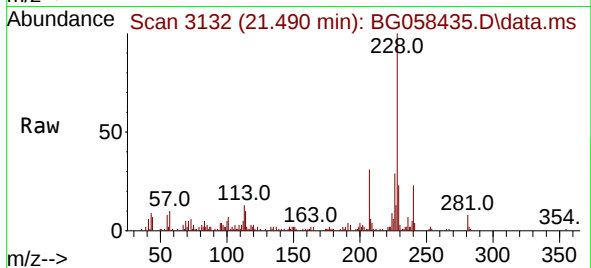
Tgt Ion:	228	Resp:	32300
Ion Ratio	Lower	Upper	
228	100		
226	29.5	24.0	36.0
229	22.6	15.8	23.8

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2023



#90

Benzo(b)fluoranthene

Concen: 2.009 ng/ul

RT: 23.546 min Scan# 3482

Delta R.T. -0.001 min

Lab File: BG058435.D

Acq: 24 Jul 2023 22:56

Tgt Ion:	252	Resp:	43177
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	11.0	6.7	10.1

