

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
 Data File : BG058436.D
 Acq On : 24 Jul 2023 23:37
 Operator : CG/JU
 Sample : 03504-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46S6

Manual Integrations
 APPROVED

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

Quant Time: Jul 25 02:16:17 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	7.818	152	40140	20.000	ng/u1	0.00
20) Naphthalene-d8	10.615	136	168971	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	122136	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	315444	20.000	ng/u1	0.00
79) Chrysene-d12	21.449	240	297654	20.000	ng/u1	0.00
88) Perylene-d12	24.516	264	347347	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.235	96	1985	1.820	ng/uL	0.00
4) Pyridine-d5	3.652	84	33617	10.385	ng/u1	0.00
7) Phenol-d5	6.990	99	38221	10.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.142	67	38411	16.139	ng/u1	0.00
11) 2-Chlorophenol-d4	7.348	132	32451	12.175	ng/u1	0.00
15) 4-Methylphenol-d8	8.535	113	10639	3.663	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	18846	14.880	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	22682	16.404	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	21180	7.991	ng/u1	0.00
31) 4-Chloroaniline-d4	10.762	131	6181m	1.609	ng/u1	0.00
46) Dimethylphthalate-d6	13.870	166	157189	16.690	ng/u1	0.00
49) Acenaphthylene-d8	14.158	160	169810	17.205	ng/u1	0.00
54) 4-Nitrophenol-d4	14.686	143	9328m	6.558	ng/u1	0.00
60) Fluorene-d10	15.456	176	139688	17.914	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	17961	11.176	ng/u1	0.00
73) Anthracene-d10	17.307	188	146641	10.759	ng/u1	0.00
81) Pyrene-d10	19.598	212	274981	15.641	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.305	264	162368	9.671	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.248	178	28258	1.885	ng/u1	99
80) Fluoranthene	19.263	202	87612	4.350	ng/u1	98
82) Pyrene	19.628	202	64928	3.182	ng/u1	99
85) Benzo(a)anthracene	21.426	228	43846	2.192	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.337	149	28728	2.513	ng/u1#	99
87) Chrysene	21.490	228	48523	2.557	ng/u1	98
90) Benzo(b)fluoranthene	23.541	252	65439	3.256	ng/u1#	98

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

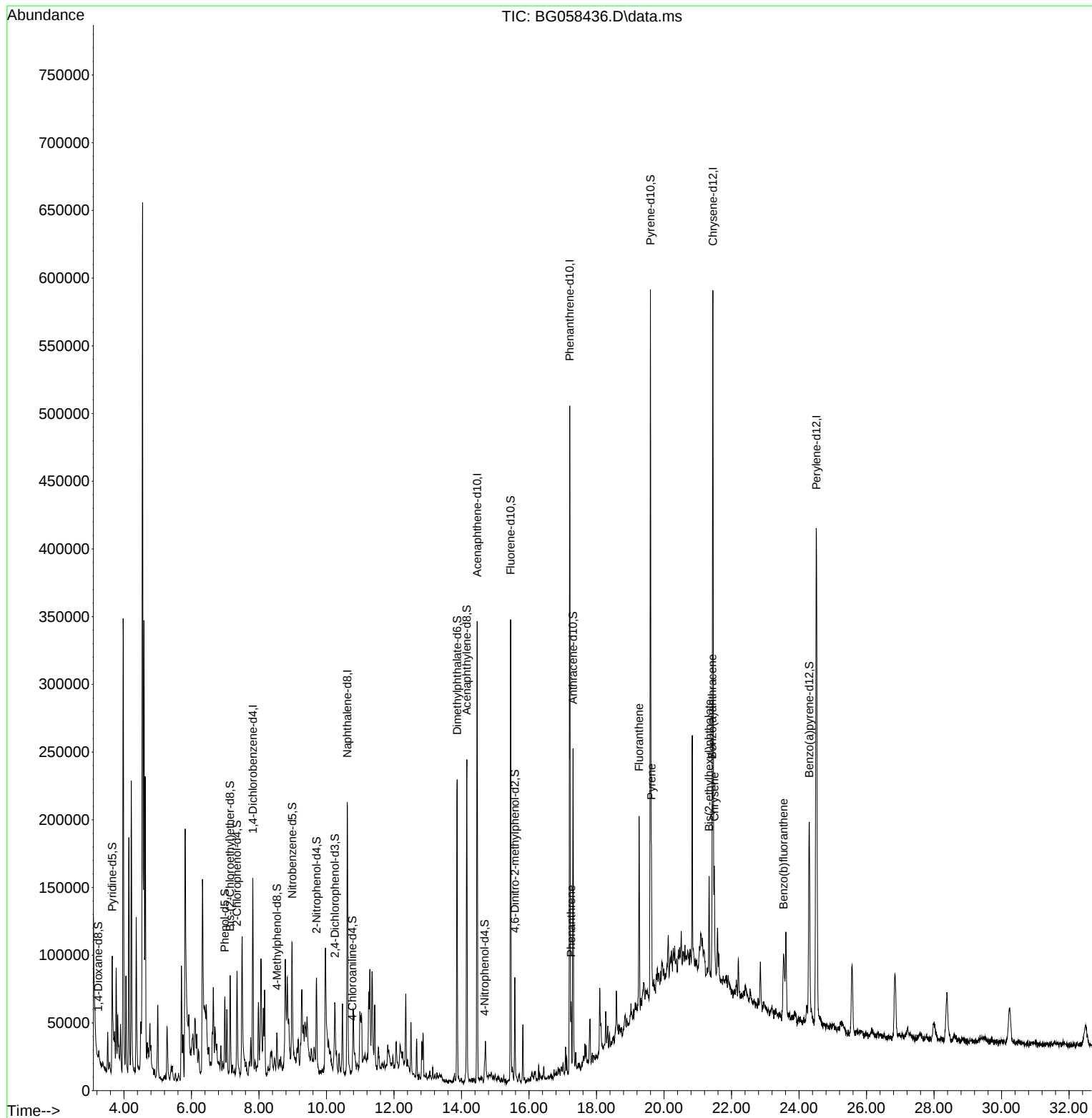
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
Data File : BG058436.D
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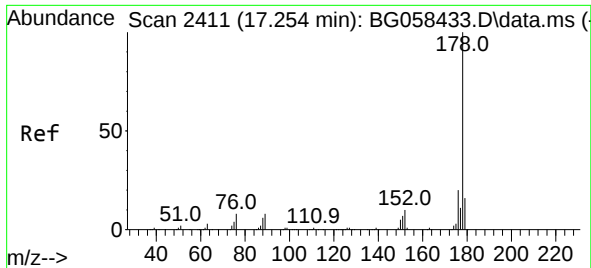
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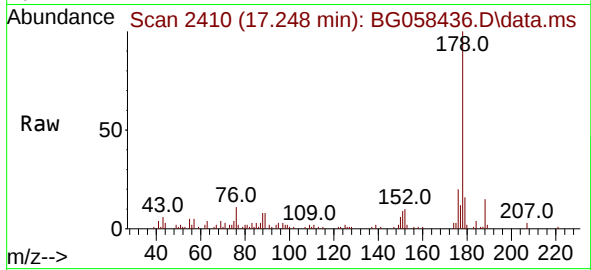
Quant Time: Jul 25 02:16:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.885 ng/ul
RT: 17.248 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BG058436.D
Acq: 24 Jul 2023 23:37

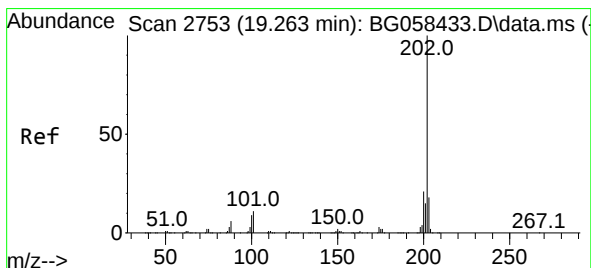
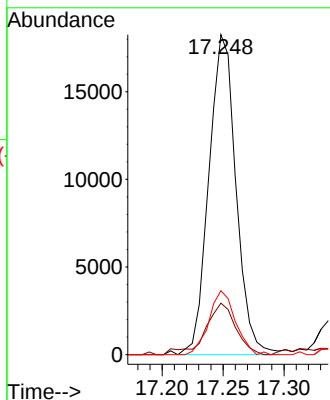
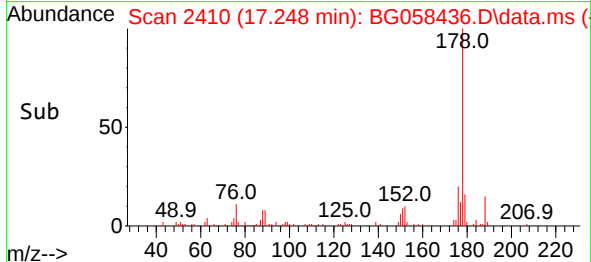
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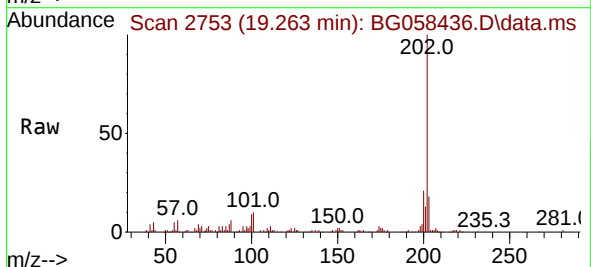
Tgt Ion:178 Resp: 28258
Ion Ratio Lower Upper
178 100
179 16.1 11.9 17.9
176 20.0 15.8 23.8

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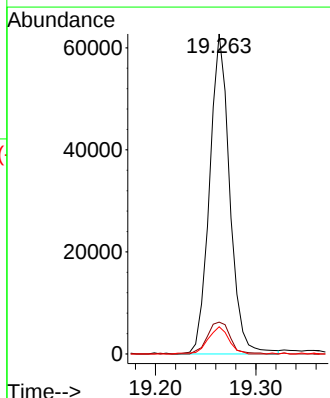
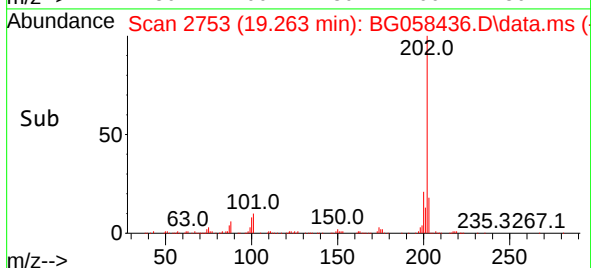
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Supervised By :mohammad ahmed 07/25/2023

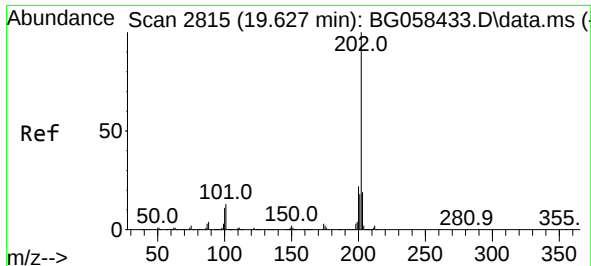


#80
Fluoranthene
Concen: 4.350 ng/ul
RT: 19.263 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BG058436.D
Acq: 24 Jul 2023 23:37



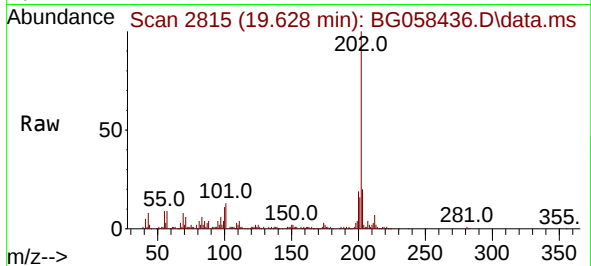
Tgt Ion:202 Resp: 87612
Ion Ratio Lower Upper
202 100
101 10.0 8.6 12.8
100 8.5 7.2 10.8





#82
 Pyrene
 Concen: 3.182 ng/ul
 RT: 19.628 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG058436.D
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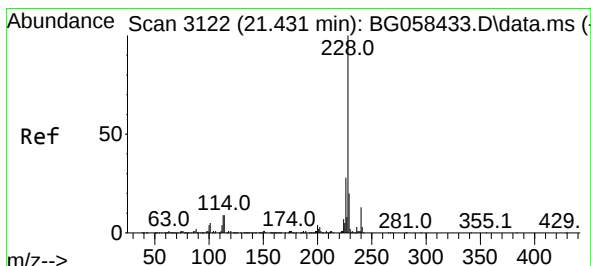
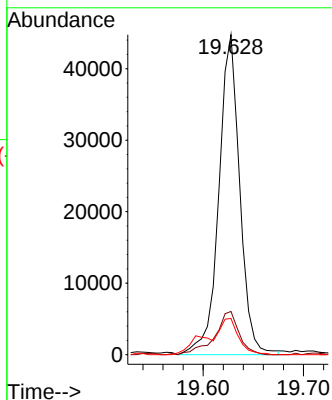
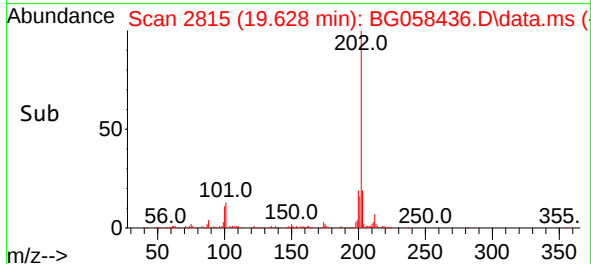
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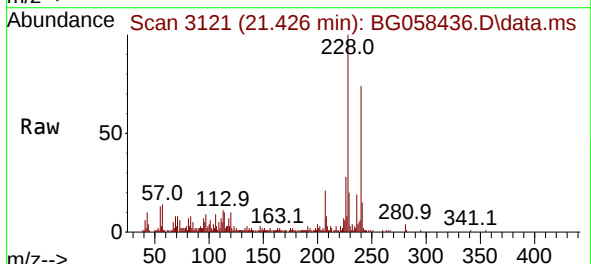
Tgt Ion:202 Resp: 64928
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.2 15.2
 100 11.3 8.9 13.3

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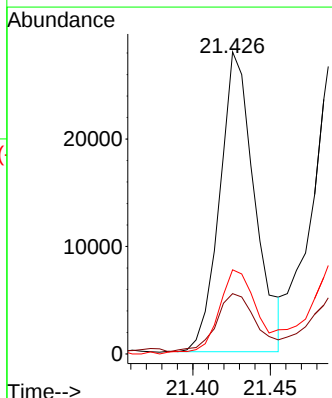
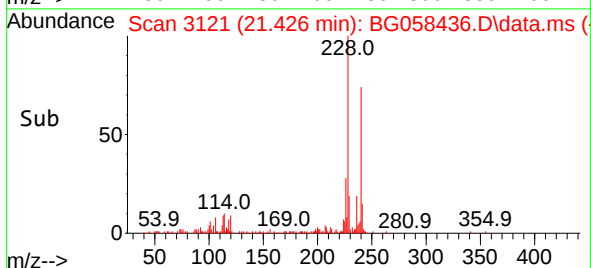
Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

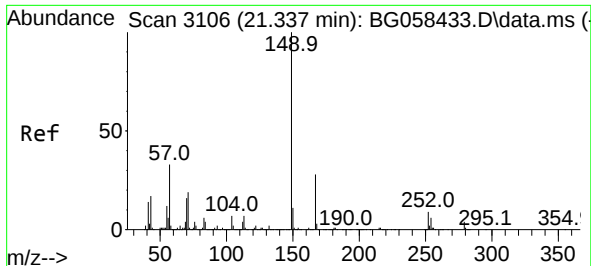


#85
 Benzo(a)anthracene
 Concen: 2.192 ng/ul
 RT: 21.426 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BG058436.D
 Acq: 24 Jul 2023 23:37



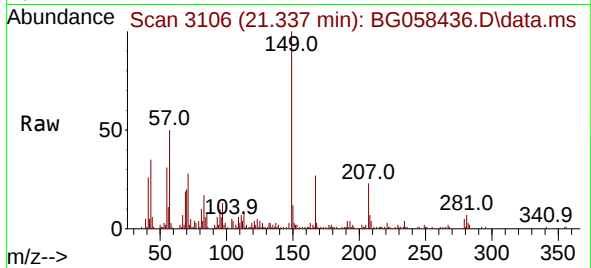
Tgt Ion:228 Resp: 43846
 Ion Ratio Lower Upper
 228 100
 229 20.0 15.7 23.5
 226 27.8 21.8 32.8





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.513 ng/ul
RT: 21.337 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BG058436.D
Acq: 24 Jul 2023 23:37

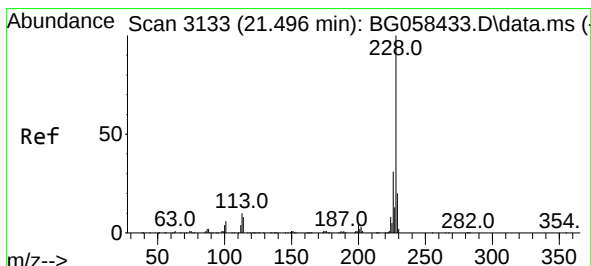
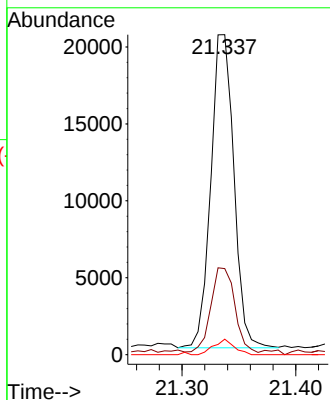
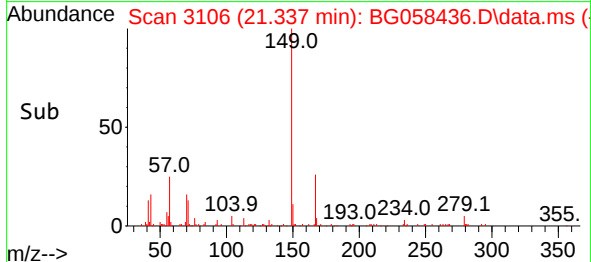
Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 28728
Ion Ratio Lower Upper
149 100
167 26.9 21.6 32.4
279 4.8 3.0 4.4

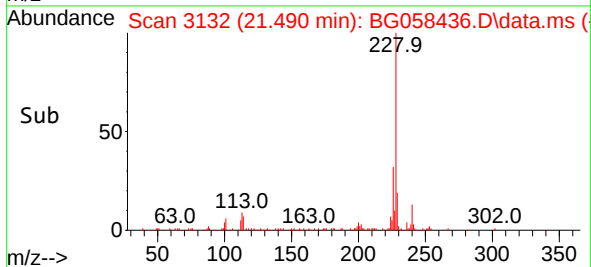
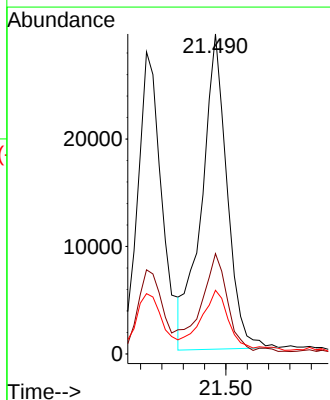
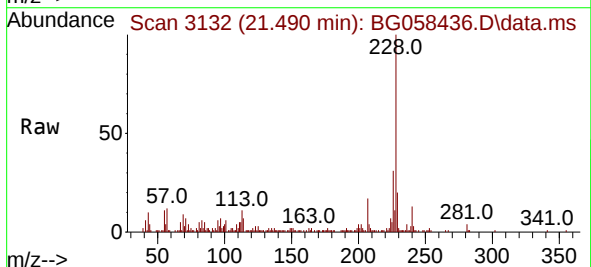
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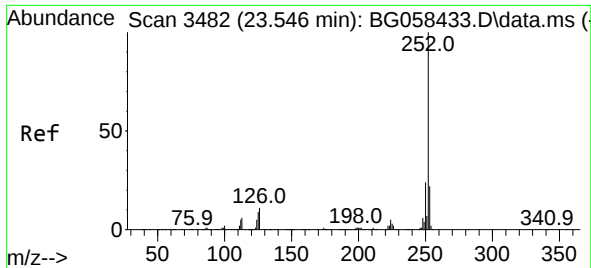
Reviewed By :Yogesh Patel 07/25/2023
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#87
Chrysene
Concen: 2.557 ng/ul
RT: 21.490 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG058436.D
Acq: 24 Jul 2023 23:37

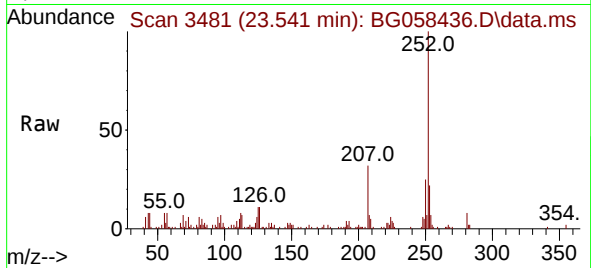
Tgt Ion:228 Resp: 48523
Ion Ratio Lower Upper
228 100
226 31.3 24.0 36.0
229 19.9 15.8 23.8





#90
Benzo(b)fluoranthene
Concen: 3.256 ng/ul
RT: 23.541 min Scan# 3481
Delta R.T. -0.006 min
Lab File: BG058436.D
Acq: 24 Jul 2023 23:37

Instrument :
BNA_G
ClientSampleId :
A46S6



Tgt Ion:252 Resp: 65439
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.2 6.7 10.1

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