

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
 Data File : BG058432.D
 Acq On : 24 Jul 2023 20:51
 Operator : CG/JU
 Sample : 03504-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46W8

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 22:34:15 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	51582	20.000	ng/ul	0.00
20) Naphthalene-d8	10.621	136	215511	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.463	164	160107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.207	188	371575	20.000	ng/ul	0.00
79) Chrysene-d12	21.443	240	321994	20.000	ng/ul	0.00
88) Perylene-d12	24.516	264	324872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.241	96	1766	1.260	ng/uL	0.00
4) Pyridine-d5	3.652	84	43357	10.423	ng/ul	0.00
7) Phenol-d5	6.996	99	3115	0.637	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.148	67	18676	6.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.354	132	4067	1.187	ng/ul	0.00
15) 4-Methylphenol-d8	8.547	113	112	0.030	ng/ul	0.02
21) Nitrobenzene-d5	8.982	128	8832	5.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	9377	5.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	306	0.091	ng/ul	0.02
31) 4-Chloroaniline-d4	10.627	131	364	0.074	ng/ul	-0.13
46) Dimethylphthalate-d6	13.870	166	78282	6.341	ng/ul	0.00
49) Acenaphthylene-d8	14.158	160	74905	5.789	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.456	176	68946	6.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	3320	1.754	ng/ul	0.00
73) Anthracene-d10	17.307	188	39230	2.443	ng/ul	0.00
81) Pyrene-d10	19.599	212	119760	6.297	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	25717	1.638	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.248	178	23177	1.313	ng/ul#	95
80) Fluoranthene	19.264	202	52152	2.394	ng/ul	99
82) Pyrene	19.628	202	37778	1.711	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	21.338	149	35697	2.887	ng/ul	99
87) Chrysene	21.490	228	27715m	1.350	ng/ul	
90) Benzo(b)fluoranthene	23.547	252	35543	1.891	ng/ul#	94

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

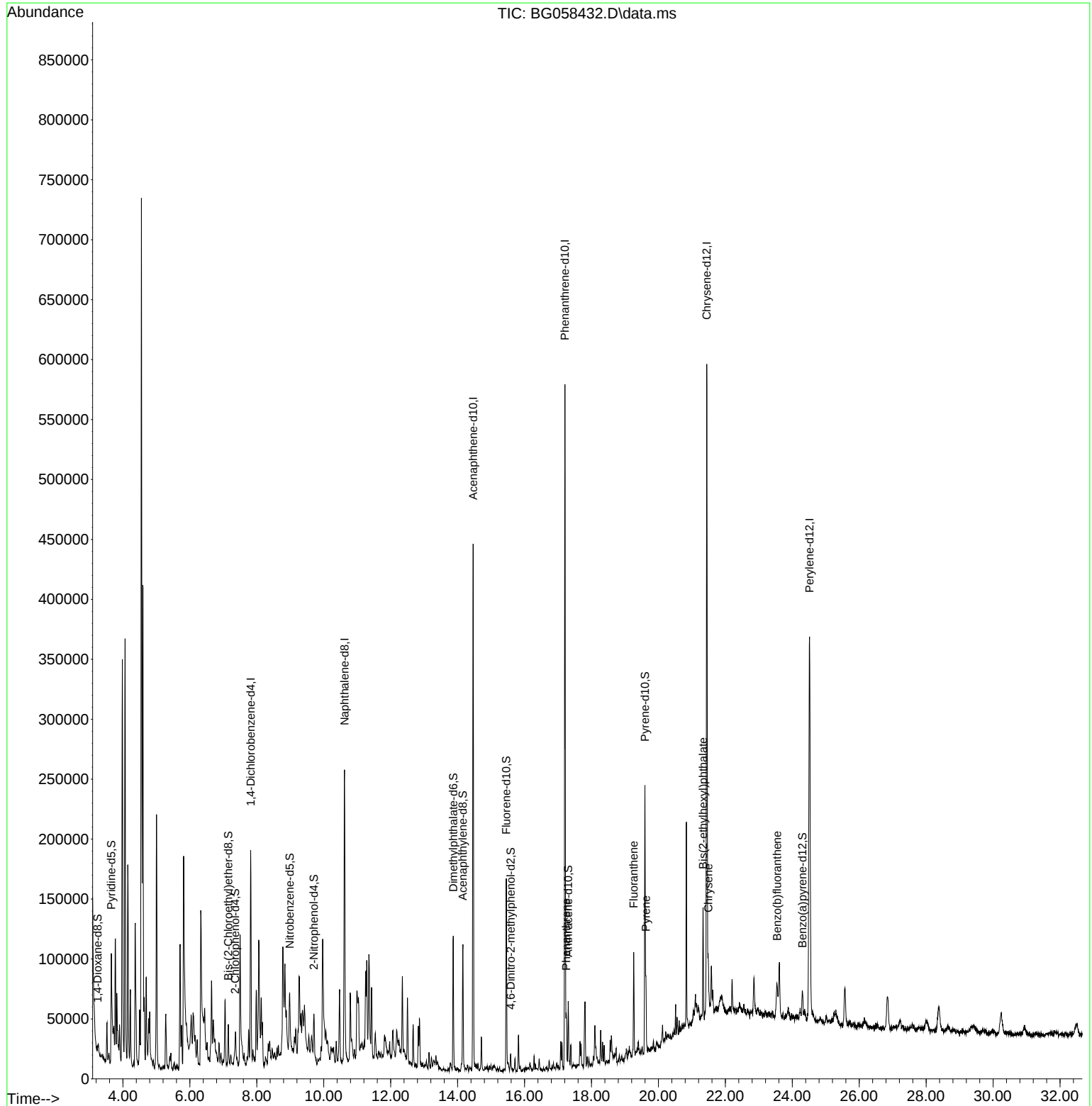
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072423\
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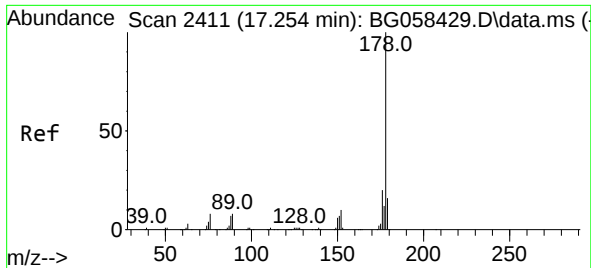
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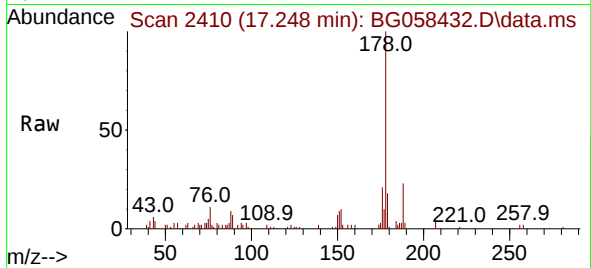
Quant Time: Jul 24 22:34:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 24 22:10:54 2023
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.313 ng/ul
RT: 17.248 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BG058432.D
Acq: 24 Jul 2023 20:51

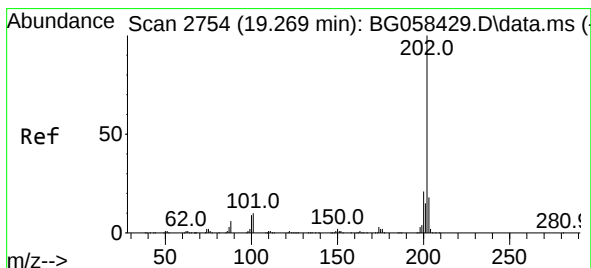
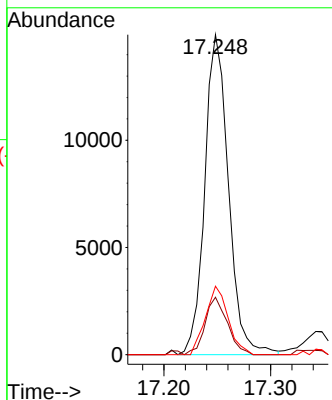
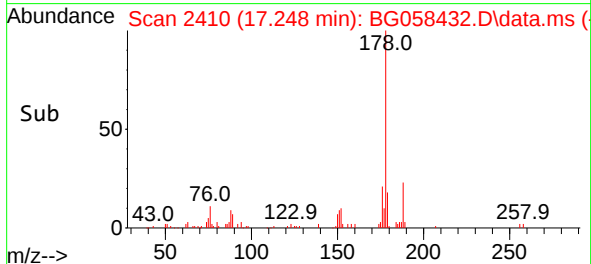
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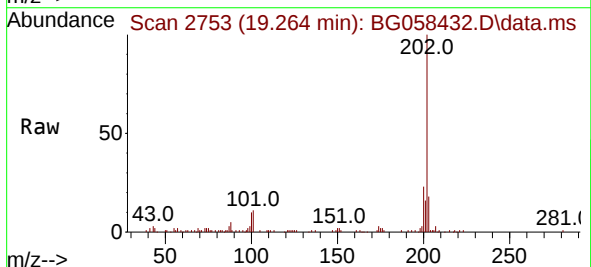
Tgt Ion:178 Resp: 2317
Ion Ratio Lower Upper
178 100
179 18.0 11.9 17.9
176 21.4 15.8 23.8

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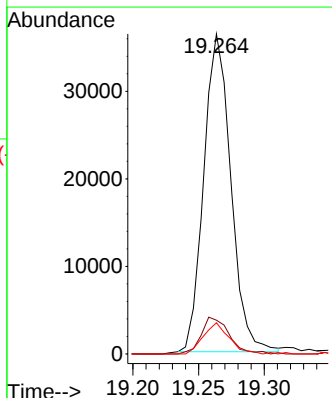
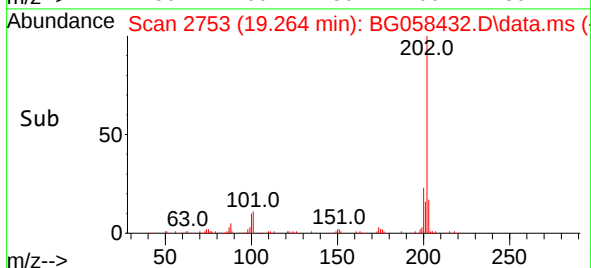
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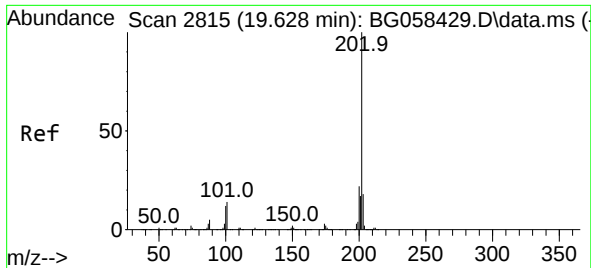


#80
Fluoranthene
Concen: 2.394 ng/ul
RT: 19.264 min Scan# 2753
Delta R.T. -0.006 min
Lab File: BG058432.D
Acq: 24 Jul 2023 20:51



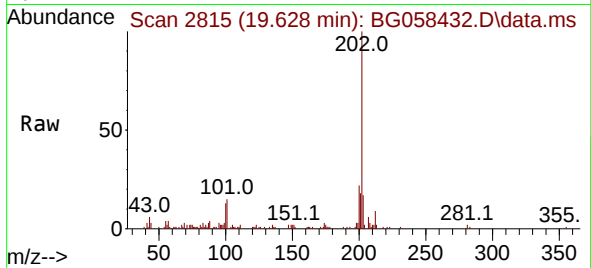
Tgt Ion:202 Resp: 52152
Ion Ratio Lower Upper
202 100
101 10.5 8.6 12.8
100 9.8 7.2 10.8





#82
 Pyrene
 Concen: 1.711 ng/ul
 RT: 19.628 min Scan# 2815
 Delta R.T. 0.000 min
 Lab File: BG058432.D
 Acq: 24 Jul 2023 20:51

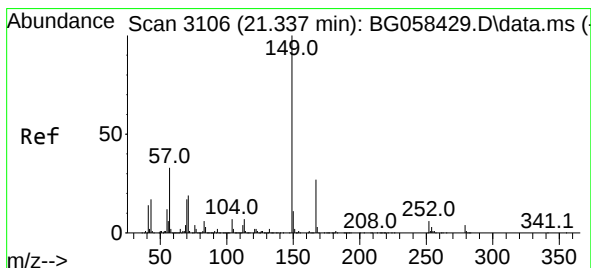
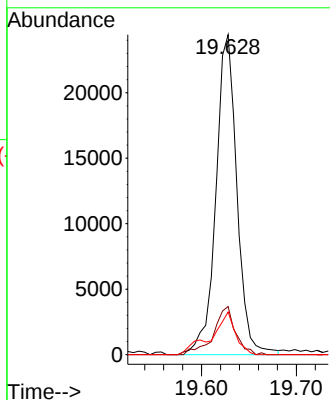
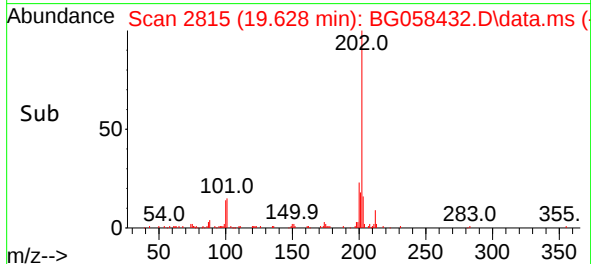
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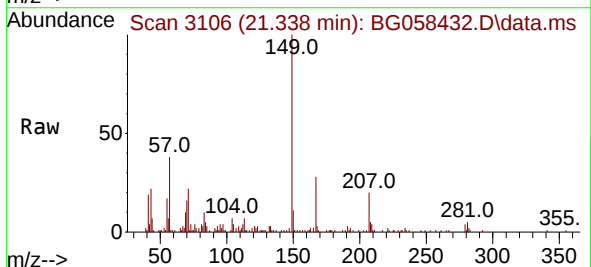
Tgt Ion:202 Resp: 37778
 Ion Ratio Lower Upper
 202 100
 101 15.1 10.2 15.2
 100 13.3 8.9 13.3

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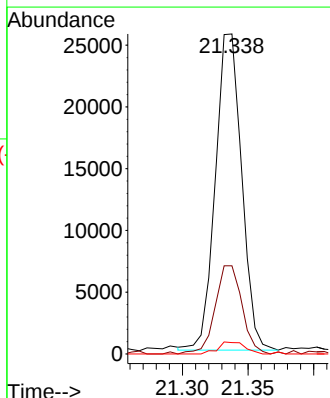
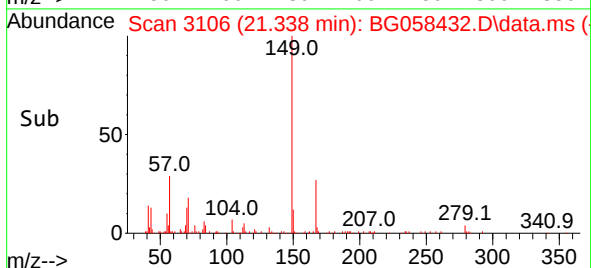
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 Supervised By :mohammad ahmed 07/25/2023

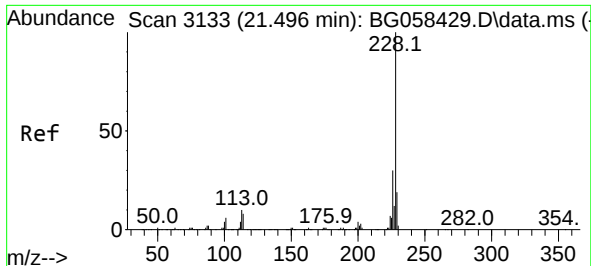


#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.887 ng/ul
 RT: 21.338 min Scan# 3106
 Delta R.T. 0.000 min
 Lab File: BG058432.D
 Acq: 24 Jul 2023 20:51



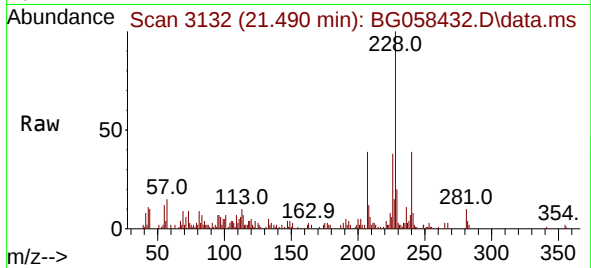
Tgt Ion:149 Resp: 35697
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 3.5 3.0 4.4





#87
Chrysene
Concen: 1.350 ng/ul m
RT: 21.490 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG058432.D
Acq: 24 Jul 2023 20:51

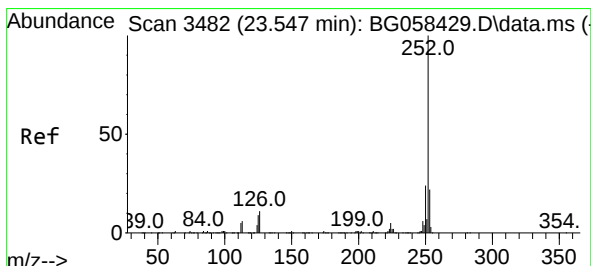
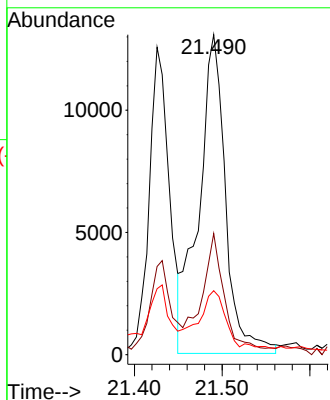
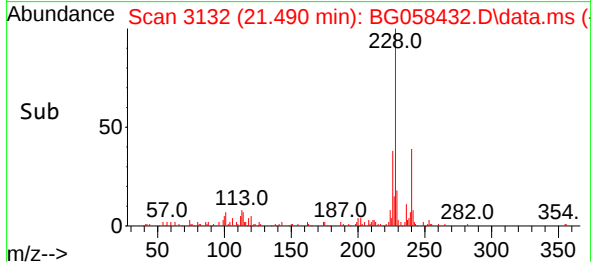
Instrument :
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Tgt Ion:228 Resp: 27715
Ion Ratio Lower Upper
228 100
226 37.9 24.0 36.0
229 20.0 15.8 23.8

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#90
Benzo(b)fluoranthene
Concen: 1.891 ng/ul
RT: 23.547 min Scan# 3482
Delta R.T. 0.000 min
Lab File: BG058432.D
Acq: 24 Jul 2023 20:51

Tgt Ion:252 Resp: 35543
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 12.3 6.7 10.1

