

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058318.D
 Acq On : 19 Jul 2023 3:27
 Operator : CG/JU
 Sample : 03444-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A46Y1

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Jul 19 06:38:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	37926	20.000	ng/u1	0.00
20) Naphthalene-d8	10.697	136	173648	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	134007	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.278	188	319510	20.000	ng/u1	0.00
79) Chrysene-d12	21.526	240	268783	20.000	ng/u1	0.00
88) Perylene-d12	24.657	264	309085	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	754	0.732	ng/uL	0.00
4) Pyridine-d5	3.758	84	3284	1.074	ng/u1	0.00
7) Phenol-d5	7.066	99	14172	3.939	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.225	67	10994	4.889	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	11743	4.663	ng/u1	0.00
15) 4-Methylphenol-d8	8.617	113	732m	0.267	ng/u1	0.01
21) Nitrobenzene-d5	9.064	128	6711	5.156	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	7507	5.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	11346	4.165	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0	0.000	ng/u1	
46) Dimethylphthalate-d6	13.934	166	56131	5.432	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	57568	5.316	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	4323m	2.770	ng/u1	0.00
60) Fluorene-d10	15.527	176	52612	6.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	4999	3.071	ng/u1	0.00
73) Anthracene-d10	17.377	188	48331	3.501	ng/u1	0.00
81) Pyrene-d10	19.663	212	108963	6.864	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.446	264	49626	3.322	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.717	105	20044	4.289	ng/u1#	96
72) Phenanthrene	17.319	178	34787	2.291	ng/u1	96
80) Fluoranthene	19.328	202	64440	3.543	ng/u1	100
82) Pyrene	19.692	202	56851	3.085	ng/u1	97
85) Benzo(a)anthracene	21.508	228	24947	1.381	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.408	149	36598	3.546	ng/u1	100
87) Chrysene	21.573	228	30454	1.777	ng/u1	97
90) Benzo(b)fluoranthene	23.670	252	39620	2.215	ng/u1#	95

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

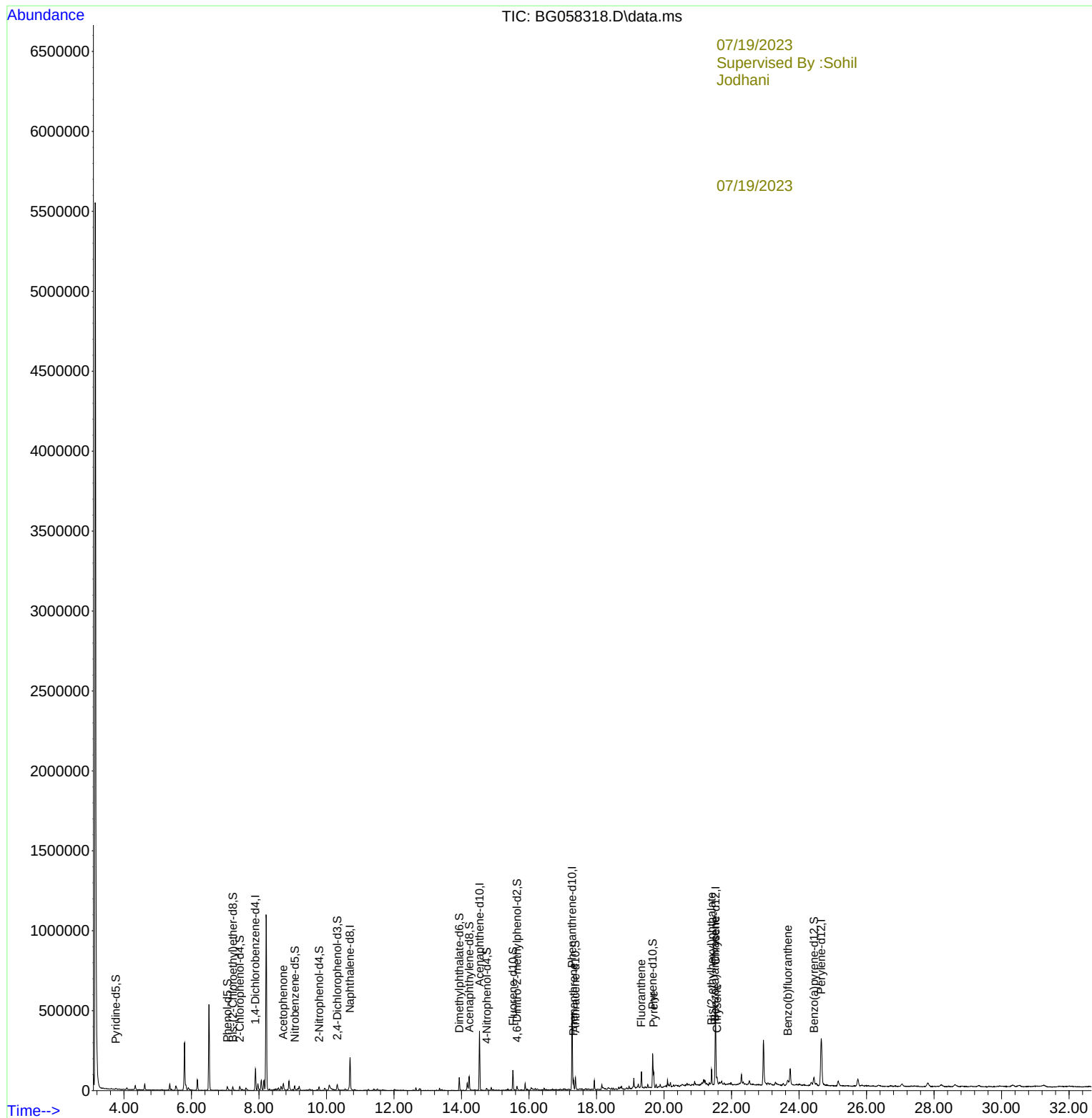
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058318.D
Acq On : 19 Jul 2023 3:27
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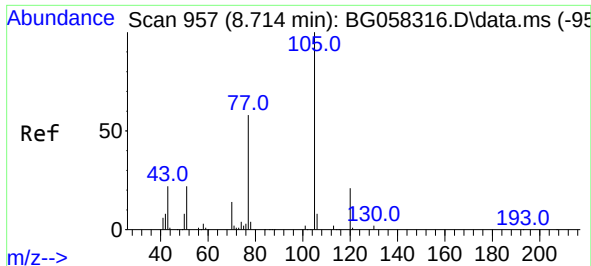
Instrument :
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ClientSampleId :
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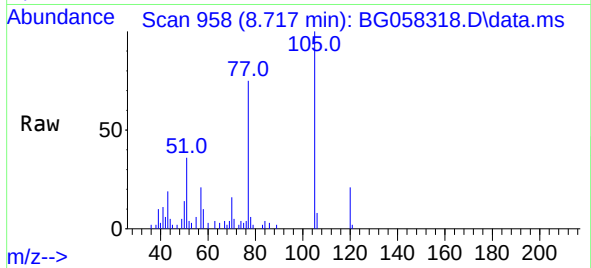
Quant Time: Jul 19 06:38:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration





#16
Acetophenone
Concen: 4.289 ng/ul
RT: 8.717 min Scan# 957
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27

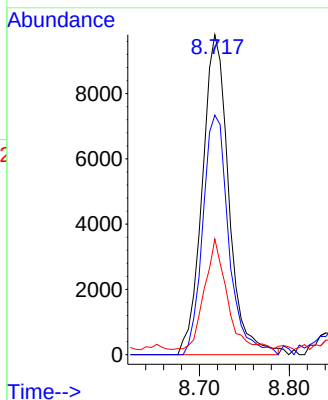
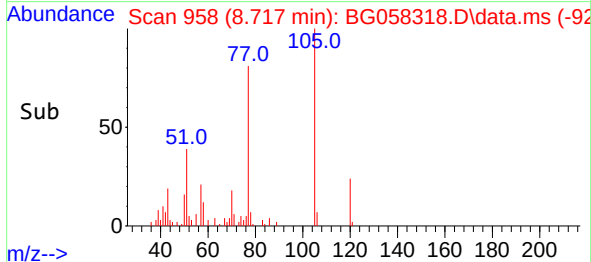
Instrument :
BNA_G
ClientSampleId :
A46Y1



Tgt Ion:105 Resp: 20044
Ion Ratio Lower Upper
105 100
77 74.9 60.7 91.1
51 36.1 23.5 35.3

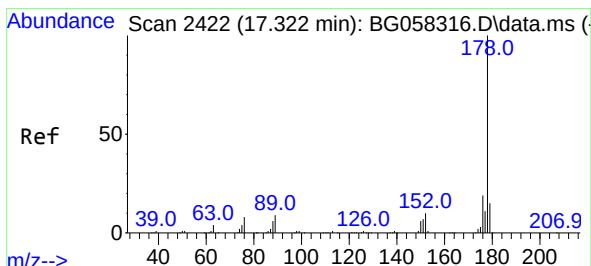
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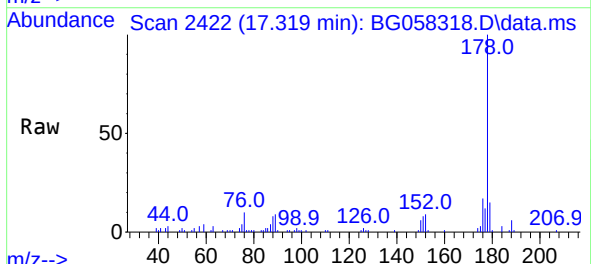


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Jodhani

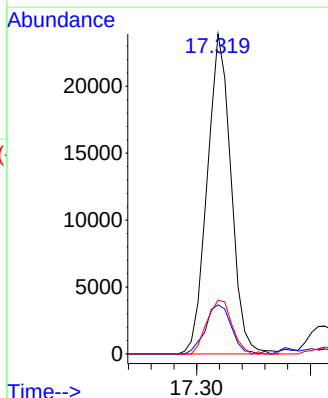
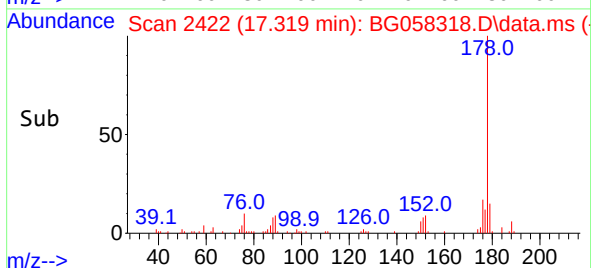
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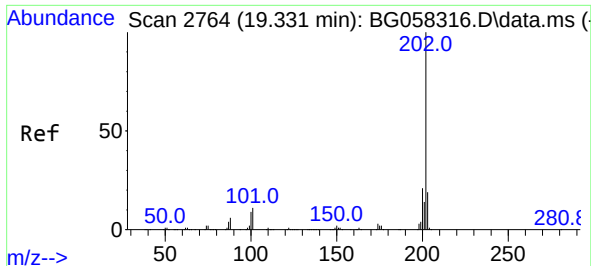


#72
Phenanthrene
Concen: 2.291 ng/ul
RT: 17.319 min Scan# 2422
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27



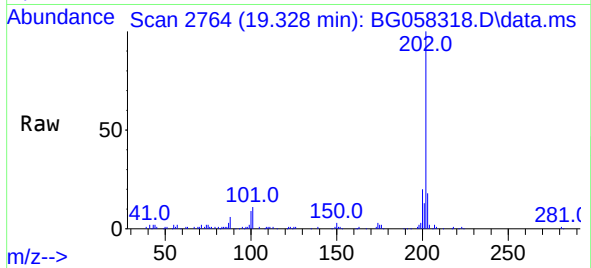
Tgt Ion:178 Resp: 34787
Ion Ratio Lower Upper
178 100
179 15.4 11.9 17.9
176 16.8 15.8 23.8





#80
Fluoranthene
Concen: 3.543 ng/u1
RT: 19.328 min Scan# 2764
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27

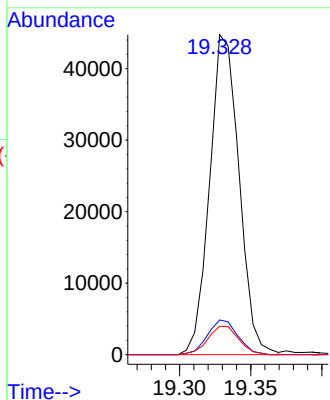
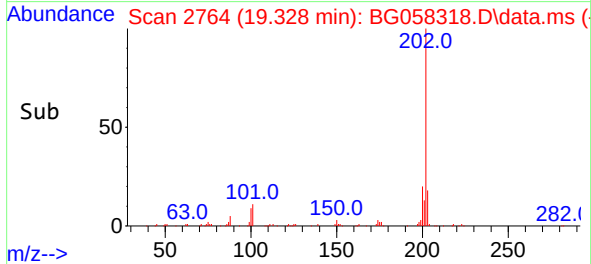
Instrument :
BNA_G
ClientSampleId :
A46Y1



Tgt Ion:202 Resp: 64440
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
100 8.9 7.2 10.8

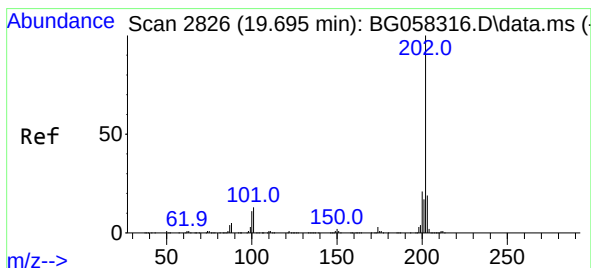
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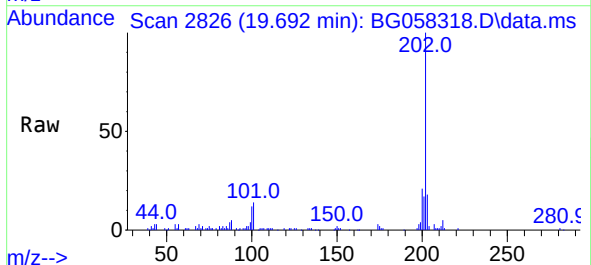


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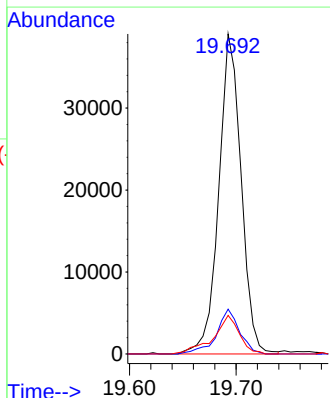
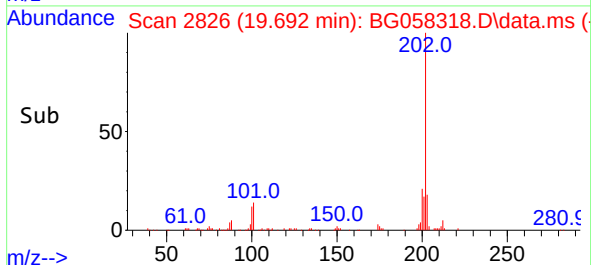
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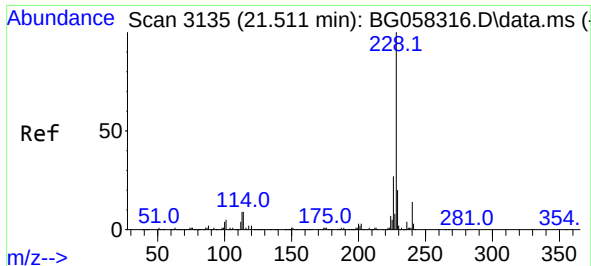


#82
Pyrene
Concen: 3.085 ng/u1
RT: 19.692 min Scan# 2826
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27



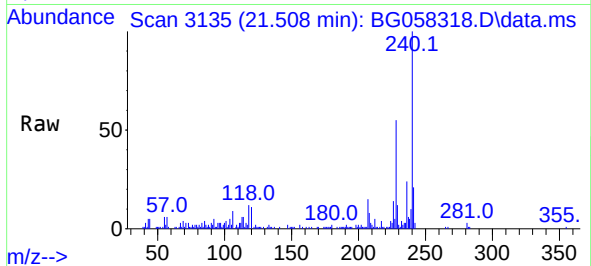
Tgt Ion:202 Resp: 56851
Ion Ratio Lower Upper
202 100
101 14.0 10.2 15.2
100 12.0 8.9 13.3





#85
Benzo(a)anthracene
Concen: 1.381 ng/ul
RT: 21.508 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27

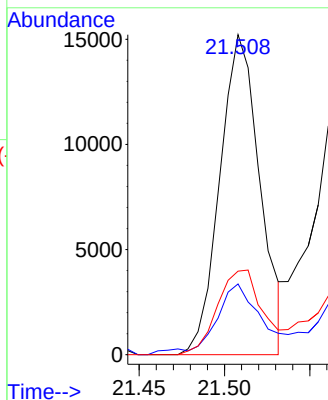
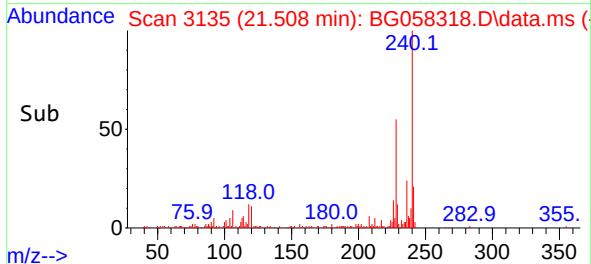
Instrument :
BNA_G
ClientSampleId :
A46Y1



Tgt Ion:228 Resp: 2494
Ion Ratio Lower Upper
228 100
229 22.1 15.7 23.5
226 26.1 21.8 32.8

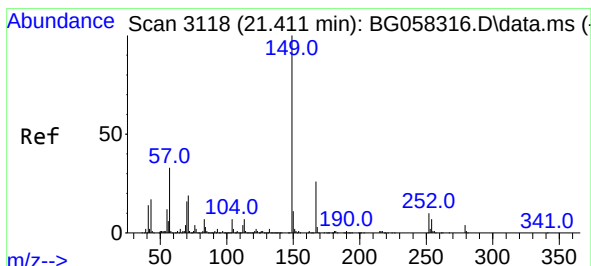
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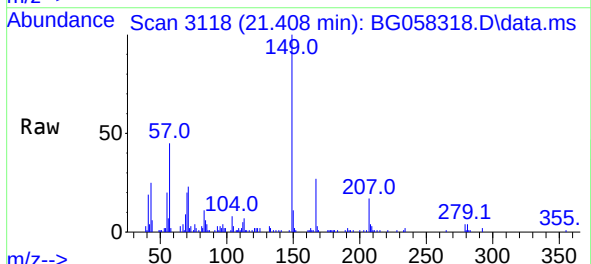


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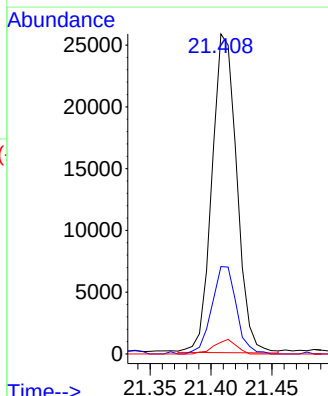
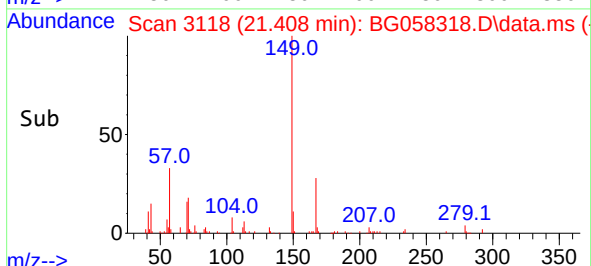
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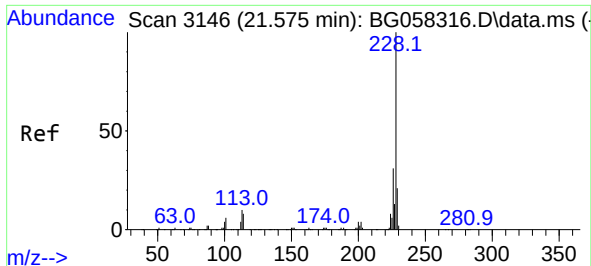


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.546 ng/ul
RT: 21.408 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27



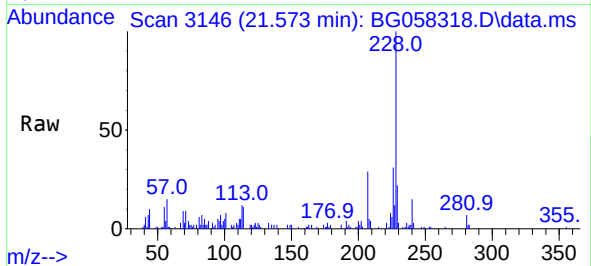
Tgt Ion:149 Resp: 36598
Ion Ratio Lower Upper
149 100
167 27.3 21.6 32.4
279 3.7 3.0 4.4





#87
Chrysene
Concen: 1.777 ng/ul
RT: 21.573 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27

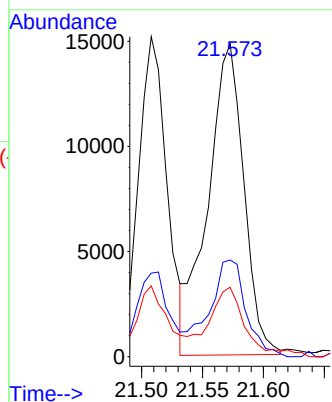
Instrument :
BNA_G
ClientSampleId :
A46Y1



Tgt Ion:228 Resp: 30454
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 22.2 15.8 23.8

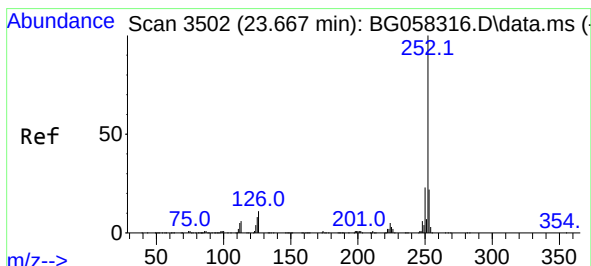
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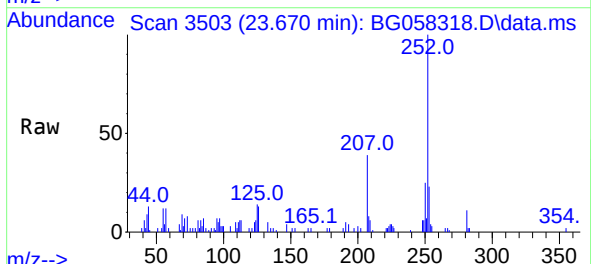


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Jodhani

07/19/2023



#90
Benzo(b)fluoranthene
Concen: 2.215 ng/ul
RT: 23.670 min Scan# 3503
Delta R.T. 0.002 min
Lab File: BG058318.D
Acq: 19 Jul 2023 3:27



Tgt Ion:252 Resp: 39620
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 13.5 6.7 10.1#

