

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091023\
 Data File : BG059001.D
 Acq On : 12 Sep 2023 4:26
 Operator : MA/JU
 Sample : 04235-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 05:24:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 11 00:07:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	83331	20.000	ng/u1	0.00
20) Naphthalene-d8	11.167	136	358477	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.945	164	266593	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.694	188	702757	20.000	ng/u1	# 0.00
79) Chrysene-d12	22.019	240	673734	20.000	ng/u1	0.00
88) Perylene-d12	25.585	264	774617	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	4216	2.150	ng/uL	0.00
4) Pyridine-d5	4.075	84	6998	1.127	ng/u1	0.00
7) Phenol-d5	7.430	99	122663	14.597	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	73422	14.901	ng/u1	0.00
11) 2-Chlorophenol-d4	7.829	132	78388	14.545	ng/u1	-0.01
15) 4-Methylphenol-d8	9.005	113	83407	12.847	ng/u1	0.00
21) Nitrobenzene-d5	9.516	128	38738	14.898	ng/u1	0.00
24) 2-Nitrophenol-d4	10.238	143	46459	16.283	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.761	165	87865	14.490	ng/u1	0.00
31) 4-Chloroaniline-d4	11.308	131	94911	11.639	ng/u1	0.00
46) Dimethylphthalate-d6	14.339	166	324966	15.715	ng/u1	0.00
49) Acenaphthylene-d8	14.651	160	346807	15.060	ng/u1	0.00
54) 4-Nitrophenol-d4	15.109	143	34336	9.996	ng/u1	0.00
60) Fluorene-d10	15.932	176	304815	16.609	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	21115	6.121	ng/u1	0.00
73) Anthracene-d10	17.794	188	515718	16.531	ng/u1	0.00
81) Pyrene-d10	20.062	212	638699	17.896	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.333	264	649941	17.116	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.163	105	35029	3.254	ng/u1	96
90) Benzo(b)fluoranthene	24.422	252	98235m	2.129	ng/u1	
93) Benzo(a)pyrene	25.397	252	74461m	1.730	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.680	276	78516m	1.443	ng/u1	
96) Benzo(g,h,i)perylene	31.008	276	76665m	1.781	ng/u1	

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

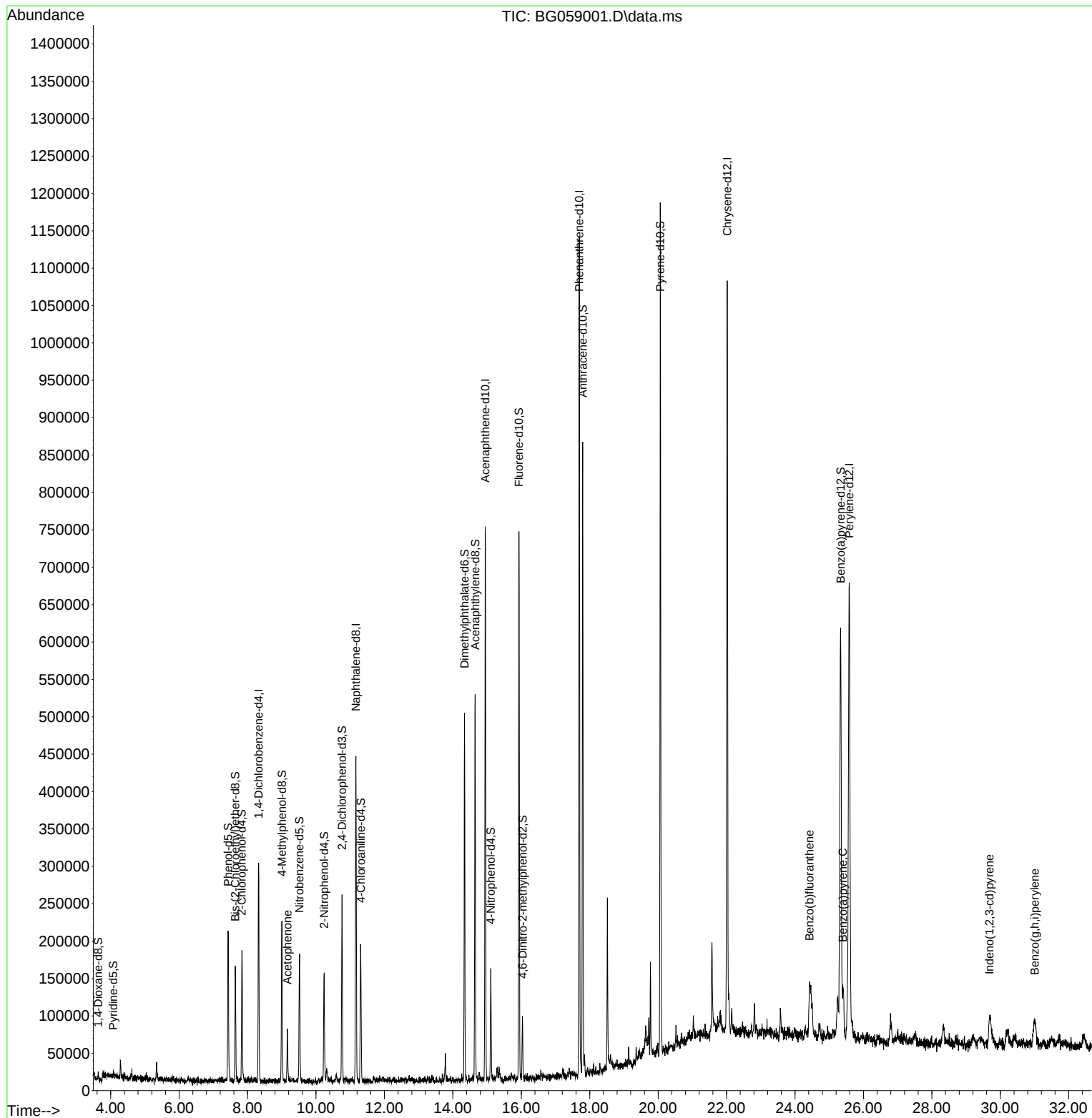
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Data File : BG059001.D
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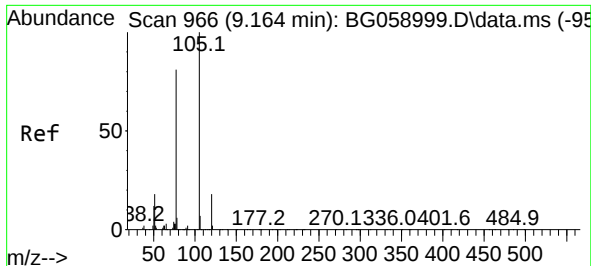
Instrument :
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ClientSampleId :
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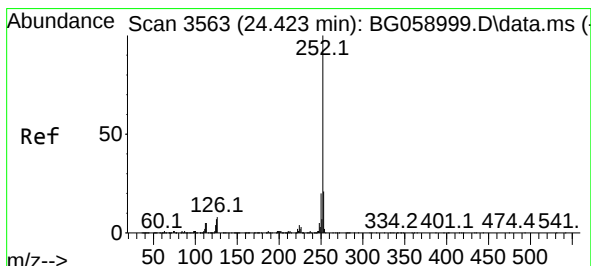
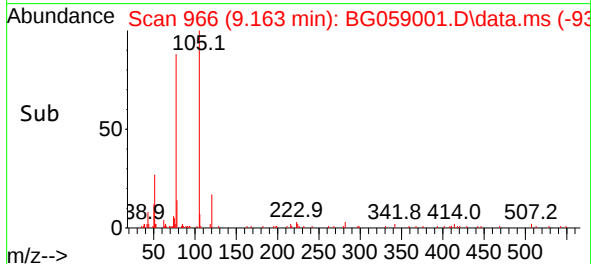
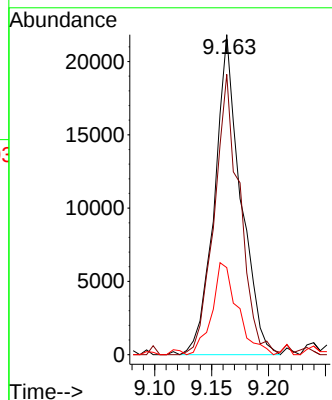
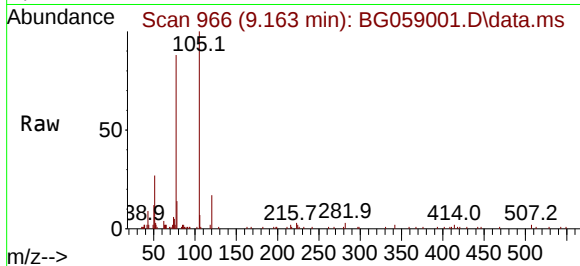
#16
Acetophenone
Concen: 3.254 ng/ul
RT: 9.163 min Scan# 901
Delta R.T. -0.007 min
Lab File: BG059001.D
Acq: 12 Sep 2023 4:26

Instrument :
BNA_G
ClientSampleId :
EZYD8

Tgt Ion	Ratio	Lower	Upper
105	100		
77	87.6	67.3	100.9
51	27.2	19.3	28.9

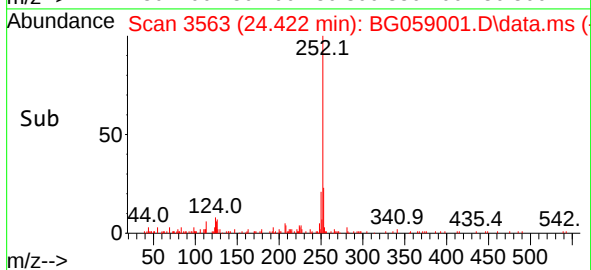
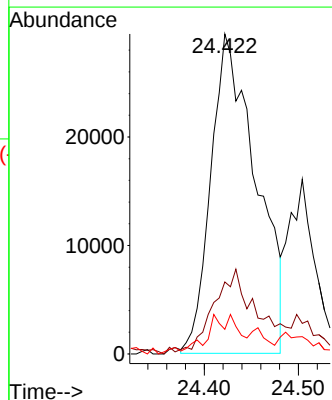
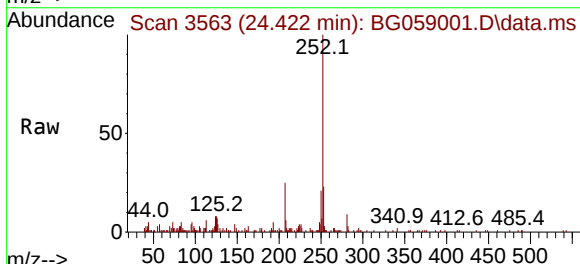
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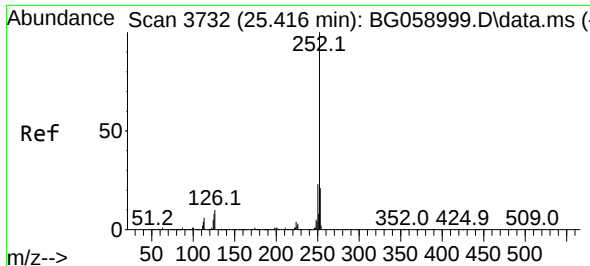
Reviewed By :Yogesh Patel 09/12/2023
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#90
Benzo(b)fluoranthene
Concen: 2.129 ng/ul m
RT: 24.422 min Scan# 3563
Delta R.T. -0.013 min
Lab File: BG059001.D
Acq: 12 Sep 2023 4:26

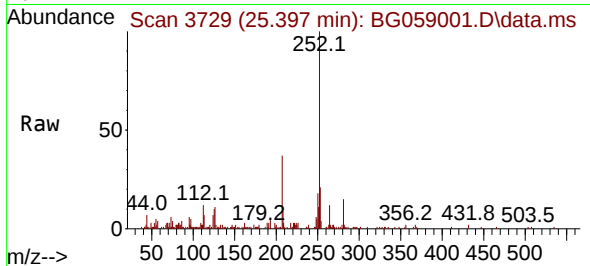
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	7.7	6.2	9.2





#93
Benzo(a)pyrene
Concen: 1.730 ng/ul m
RT: 25.397 min Scan# 3732
Delta R.T. -0.030 min
Lab File: BG059001.D
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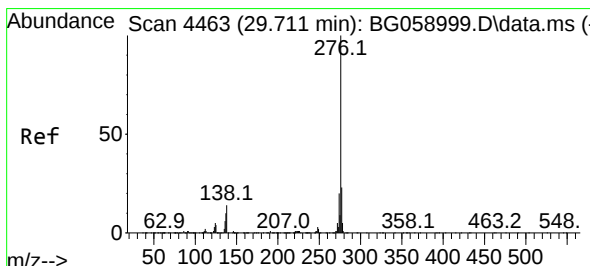
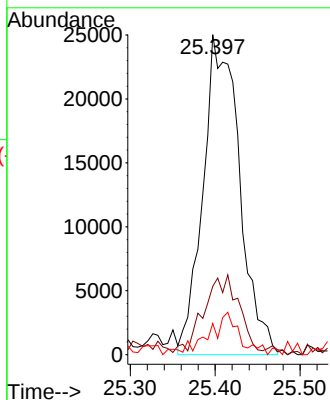
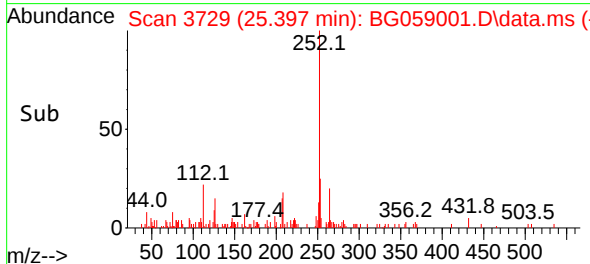
Instrument :
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ClientSampleId :
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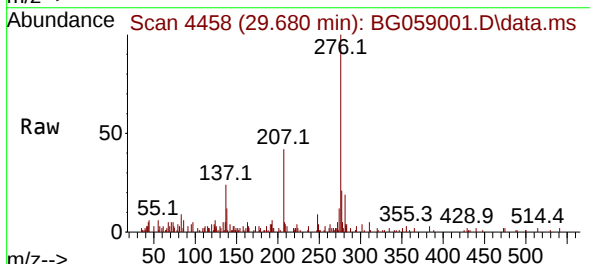
Tgt Ion:252 Resp: 7446
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 9.8 5.3 7.9

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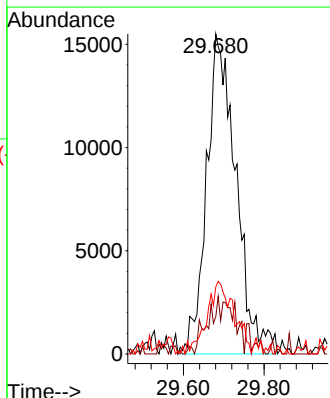
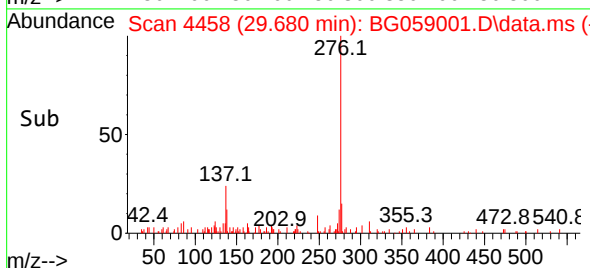
Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023

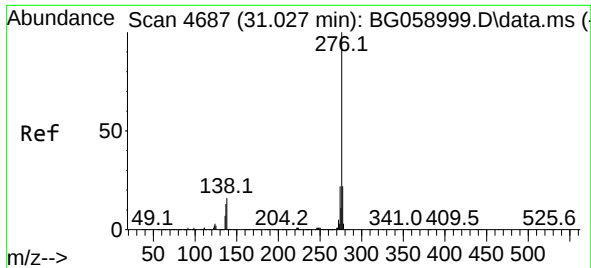


#94
Indeno(1,2,3-cd)pyrene
Concen: 1.443 ng/ul m
RT: 29.680 min Scan# 4458
Delta R.T. -0.036 min
Lab File: BG059001.D
Acq: 12 Sep 2023 4:26



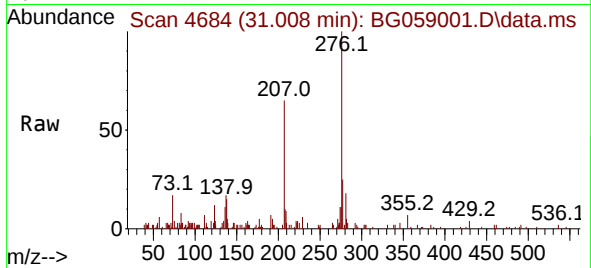
Tgt Ion:276 Resp: 78516
Ion Ratio Lower Upper
276 100
138 11.7 11.8 17.8#
277 21.0 20.7 31.1





#96
 Benzo(g,h,i)perylene
 Concen: 1.781 ng/ul m
 RT: 31.008 min Scan# 4
 Delta R.T. -0.030 min
 Lab File: BG059001.D
 Acq: 12 Sep 2023 4:26

Instrument :
 BNA_G
 ClientSampleId :
 EZYD8



Tgt Ion:276 Resp: 7666
 Ion Ratio Lower Upper
 276 100
 138 15.2 11.4 17.2
 277 24.6 17.4 26.2

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