

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059309.D
 Acq On : 5 Oct 2023 23:34
 Operator : MA/JU
 Sample : 04527-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYY6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/06/2023

Quant Time: Oct 06 01:04:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	36698	20.000	ng/u1	0.00
20) Naphthalene-d8	11.079	136	160891	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.869	164	93144	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.618	188	195419	20.000	ng/u1	0.00
79) Chrysene-d12	21.919	240	173829	20.000	ng/u1	0.00
88) Perylene-d12	25.409	264	202211	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.535	96	2977	3.062	ng/uL	0.00
4) Pyridine-d5	3.970	84	4392	1.548	ng/u1	0.00
7) Phenol-d5	7.366	99	38070	10.364	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.554	67	40600	17.301	ng/u1	0.00
11) 2-Chlorophenol-d4	7.753	132	15780	6.390	ng/u1	0.00
15) 4-Methylphenol-d8	8.928	113	21094	7.429	ng/u1	0.00
21) Nitrobenzene-d5	9.434	128	27634	24.340	ng/u1	0.00
24) 2-Nitrophenol-d4	10.151	143	5995	5.379	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	9117	3.982	ng/u1	0.00
31) 4-Chloroaniline-d4	11.220	131	63647	17.181	ng/u1	0.00
46) Dimethylphthalate-d6	14.263	166	158056	23.470	ng/u1	0.00
49) Acenaphthylene-d8	14.569	160	197112	23.319	ng/u1	0.00
54) 4-Nitrophenol-d4	15.057	143	162	0.138	ng/u1	0.00
60) Fluorene-d10	15.856	176	152846	23.847	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.979	200	428	0.426	ng/u1	0.02
73) Anthracene-d10	17.718	188	212332	23.846	ng/u1	0.00
81) Pyrene-d10	19.992	212	271042	27.843	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.168	264	256194	26.365	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.075	105	18799	4.275	ng/u1	97
30) Naphthalene	11.126	128	39242	4.549	ng/u1#	97
36) 2-Methylnaphthalene	12.712	142	68354	12.095	ng/u1	100
37) 1-Methylnaphthalene	12.930	142	47797	8.333	ng/u1#	96
43) 1,1'-Biphenyl	13.699	154	8090	1.075	ng/u1	97
72) Phenanthrene	17.659	178	56829	5.299	ng/u1	97
80) Fluoranthene	19.657	202	48815	4.071	ng/u1	99
82) Pyrene	20.021	202	40987	3.227	ng/u1	96
85) Benzo(a)anthracene	21.896	228	22198	1.814	ng/u1#	93
87) Chrysene	21.966	228	20845	1.804	ng/u1#	89
90) Benzo(b)fluoranthene	24.275	252	26289	2.123	ng/u1#	59
93) Benzo(a)pyrene	25.239	252	14968	1.274	ng/u1#	72
94) Indeno(1,2,3-cd)pyrene	29.434	276	15600m	1.173	ng/u1	
96) Benzo(g,h,i)perylene	30.697	276	14438m	1.335	ng/u1	

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

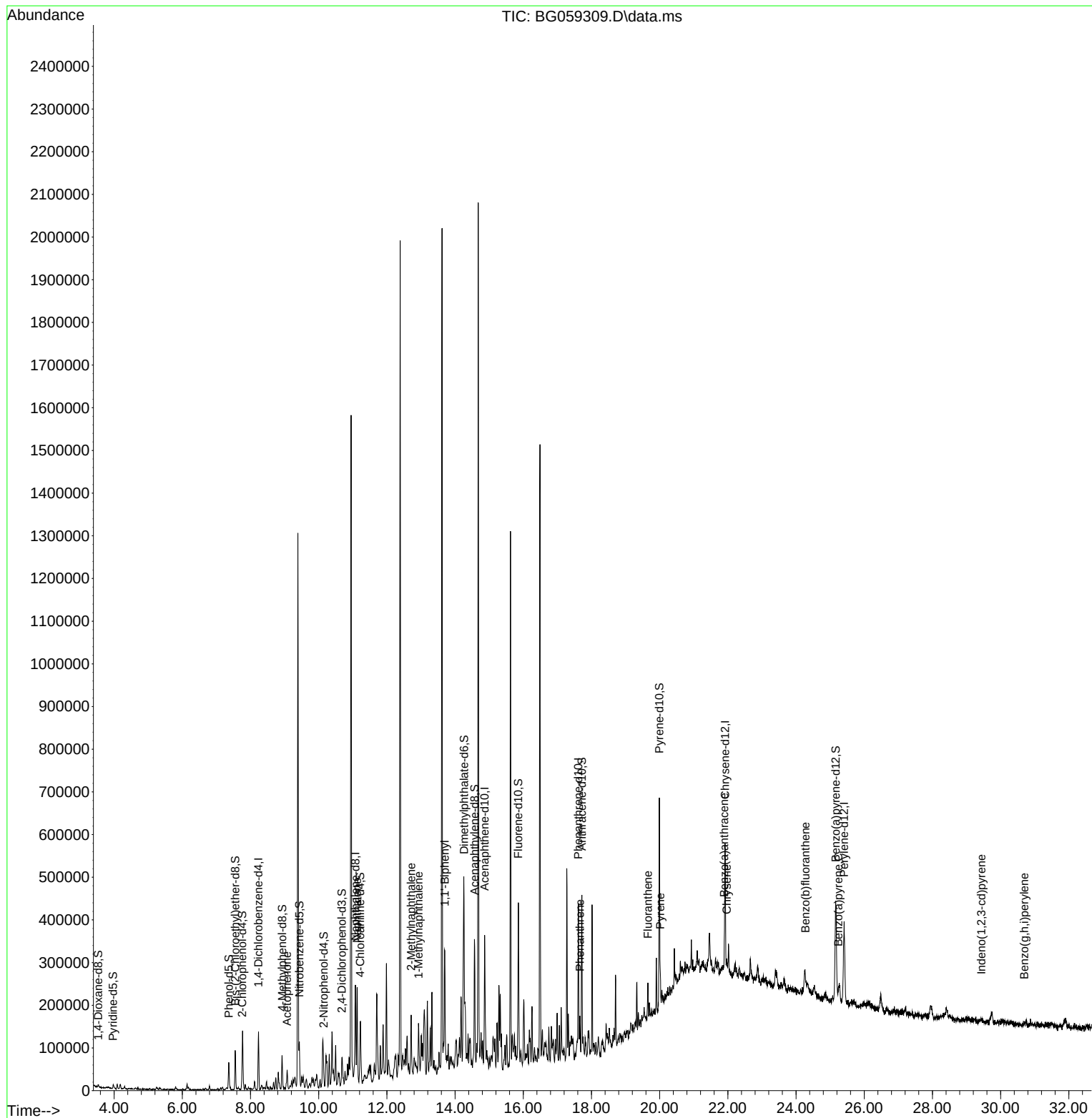
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059309.D
 Acq On : 5 Oct 2023 23:34
 Operator : MA/JU
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 ALS Vial : 22 Sample Multiplier: 1

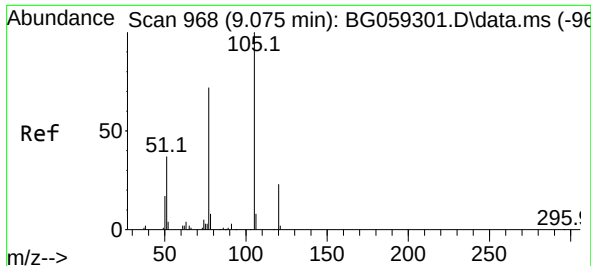
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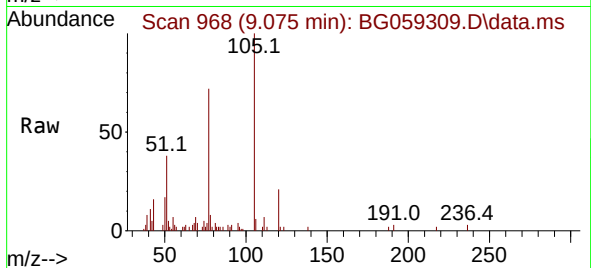
Quant Time: Oct 06 01:04:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
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#16
Acetophenone
Concen: 4.275 ng/ul
RT: 9.075 min Scan# 968
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

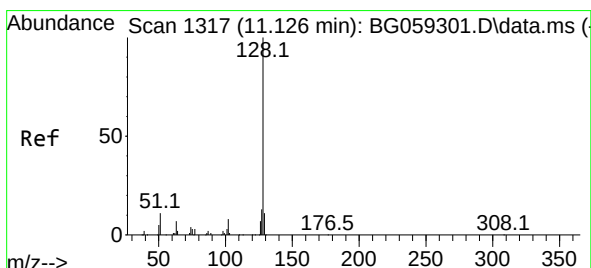
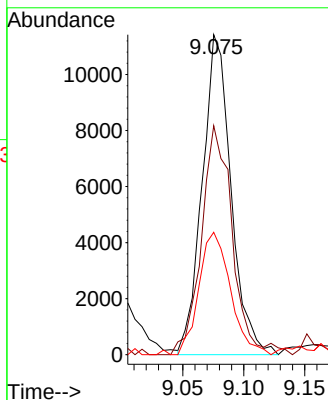
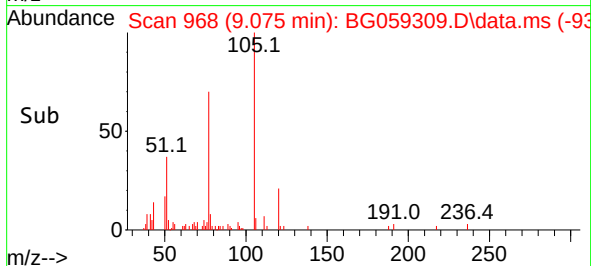
Instrument :
BNA_G
ClientSampleId :
EZY6



Tgt Ion:105 Resp: 18799
Ion Ratio Lower Upper
105 100
77 71.6 58.8 88.2
51 38.3 32.6 48.8

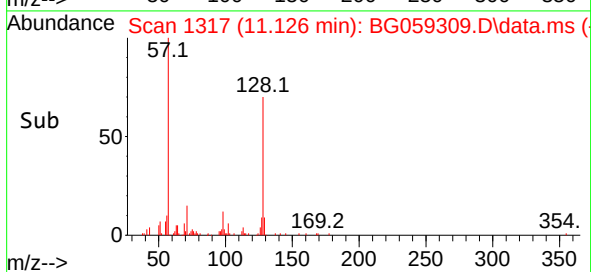
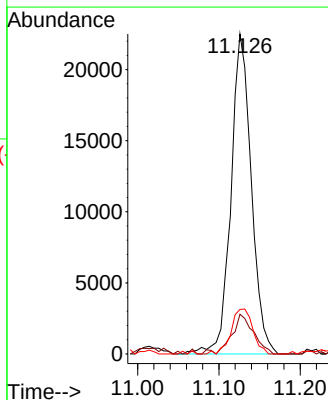
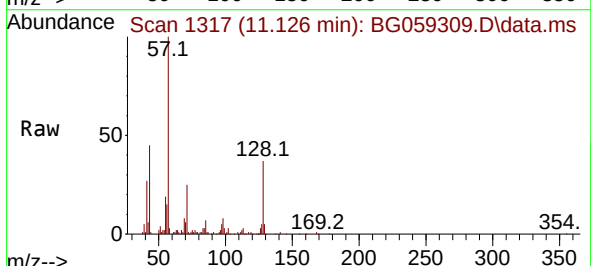
Manual Integrations
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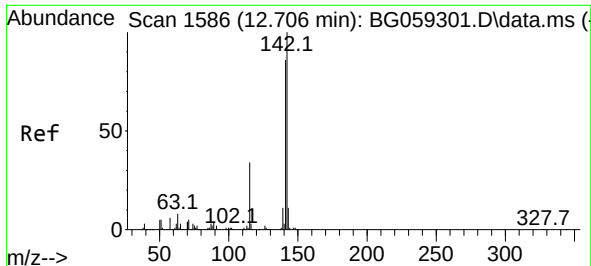
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#30
Naphthalene
Concen: 4.549 ng/ul
RT: 11.126 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

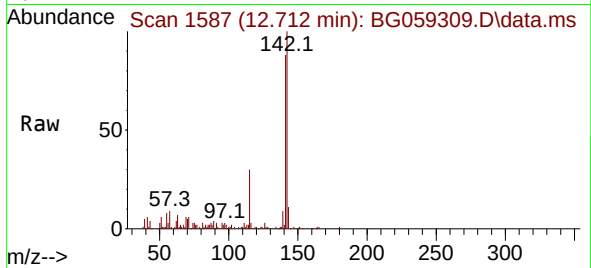
Tgt Ion:128 Resp: 39242
Ion Ratio Lower Upper
128 100
129 12.4 8.0 12.0#
127 13.9 11.1 16.7





#36
2-Methylnaphthalene
Concen: 12.095 ng/ul
RT: 12.712 min Scan# 1587
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

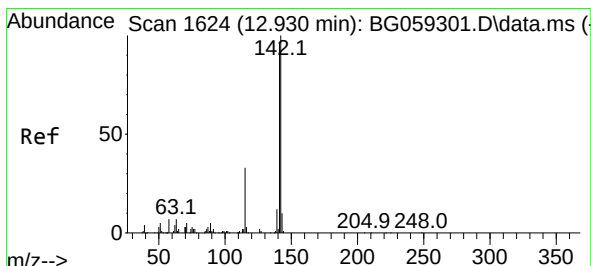
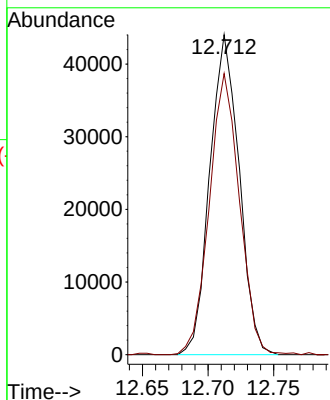
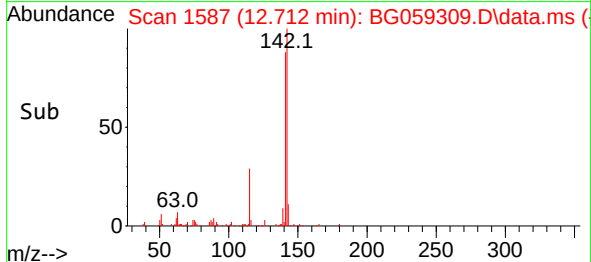
Instrument :
BNA_G
ClientSampleId :
EZY6



Tgt Ion:142 Resp: 68354
Ion Ratio Lower Upper
142 100
141 87.8 70.2 105.2

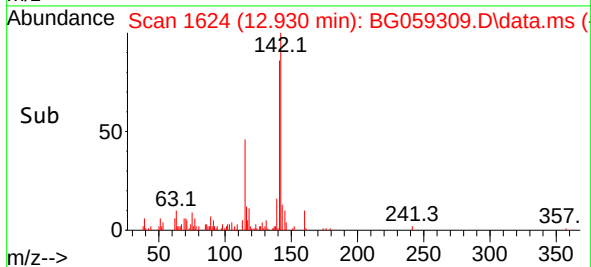
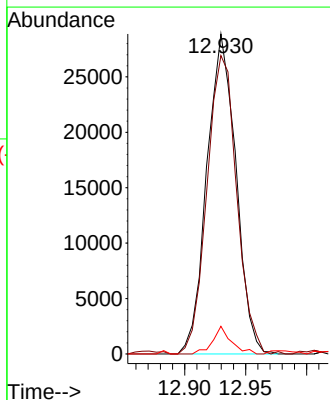
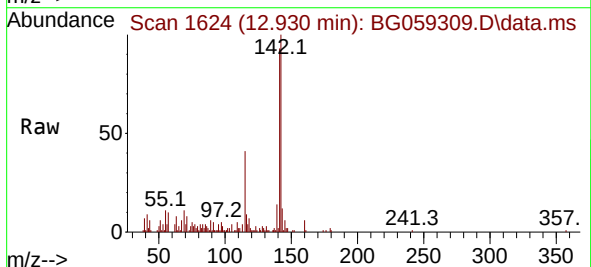
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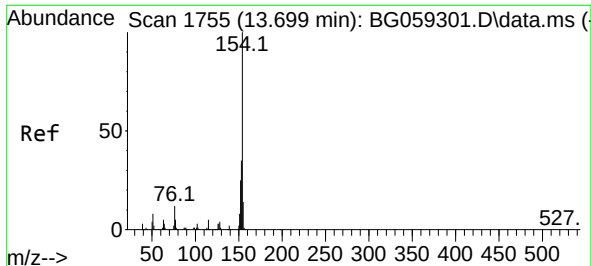
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#37
1-Methylnaphthalene
Concen: 8.333 ng/ul
RT: 12.930 min Scan# 1624
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

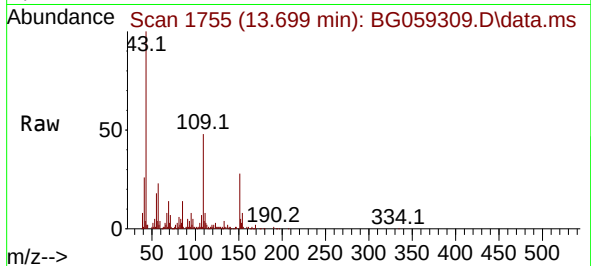
Tgt Ion:142 Resp: 47797
Ion Ratio Lower Upper
142 100
141 93.3 71.6 107.4
116 8.6 2.3 3.5#





#43
1,1'-Biphenyl
Concen: 1.075 ng/ul
RT: 13.699 min Scan# 1755
Delta R.T. -0.008 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

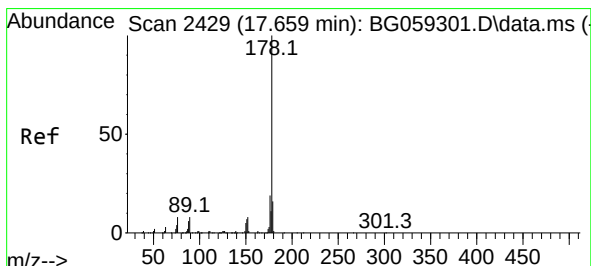
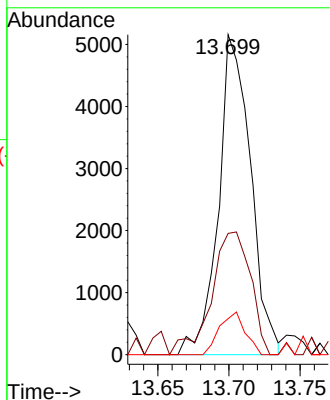
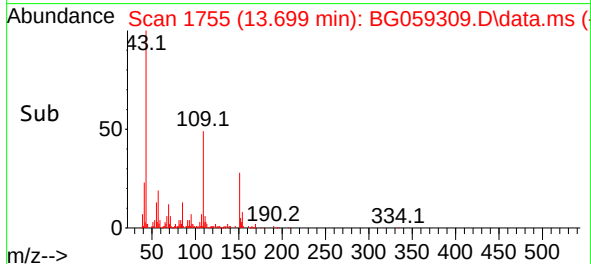
Instrument :
BNA_G
ClientSampleId :
EZY6



Tgt Ion:154 Resp: 8090
Ion Ratio Lower Upper
154 100
153 37.9 29.2 43.8
76 11.3 10.1 15.1

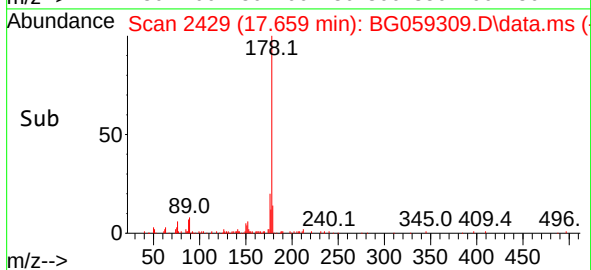
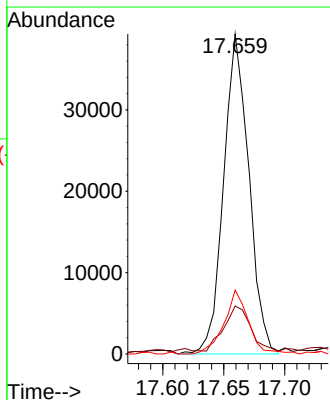
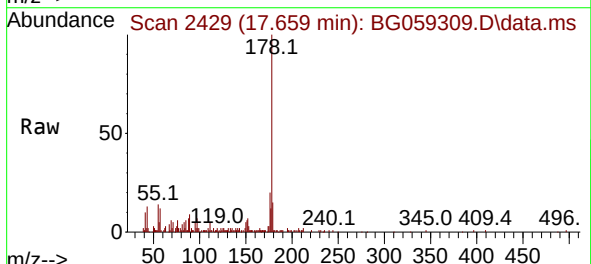
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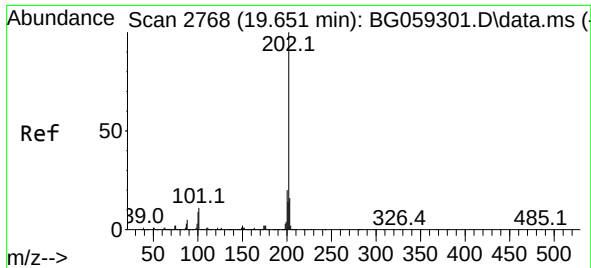
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023



#72
Phenanthrene
Concen: 5.299 ng/ul
RT: 17.659 min Scan# 2429
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

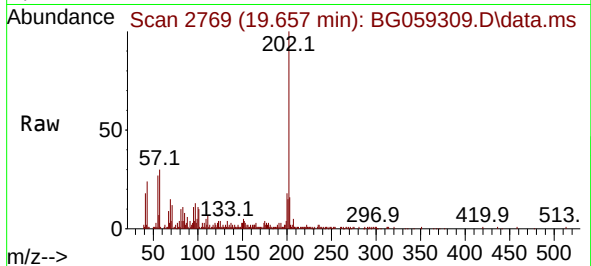
Tgt Ion:178 Resp: 56829
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 19.9 14.6 21.8





#80
Fluoranthene
Concen: 4.071 ng/ul
RT: 19.657 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

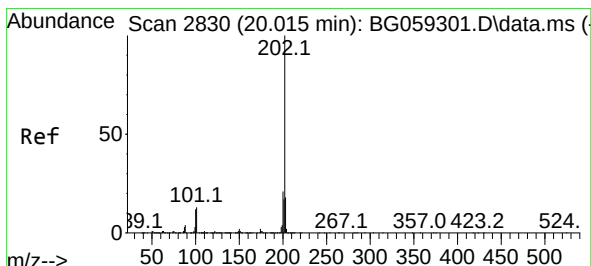
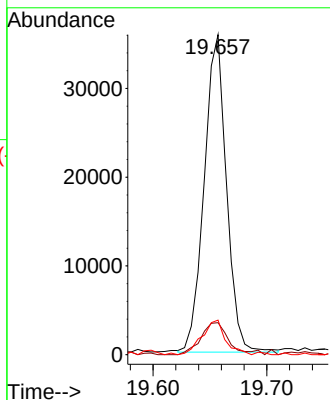
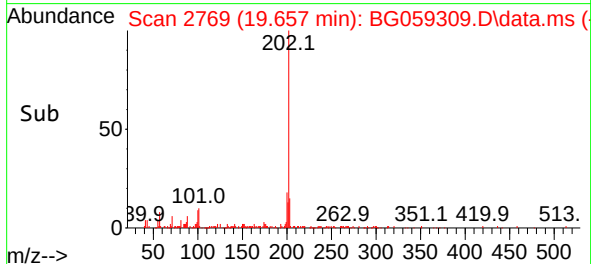
Instrument :
BNA_G
ClientSampleId :
EZY6



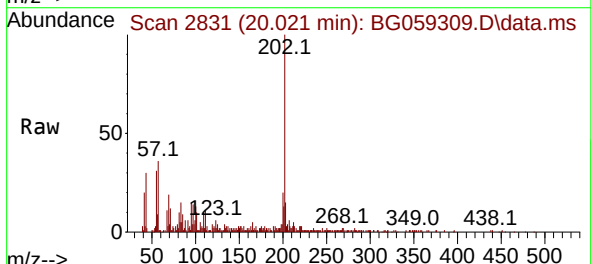
Tgt Ion:202 Resp: 4881
Ion Ratio Lower Upper
202 100
101 10.0 8.2 12.4
100 10.8 8.2 12.2

Manual Integrations
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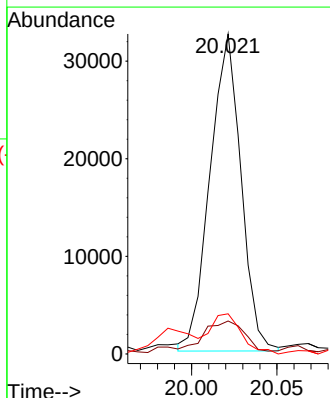
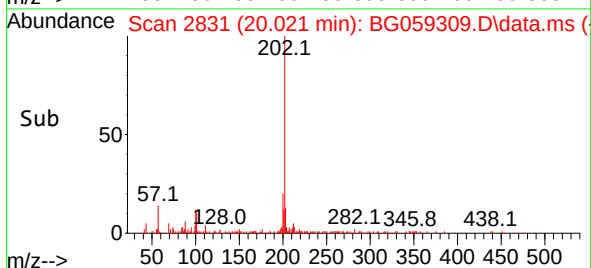
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

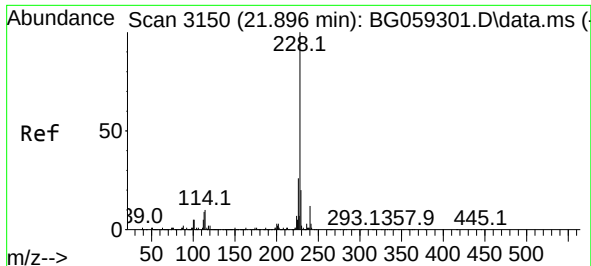


#82
Pyrene
Concen: 3.227 ng/ul
RT: 20.021 min Scan# 2831
Delta R.T. -0.002 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34



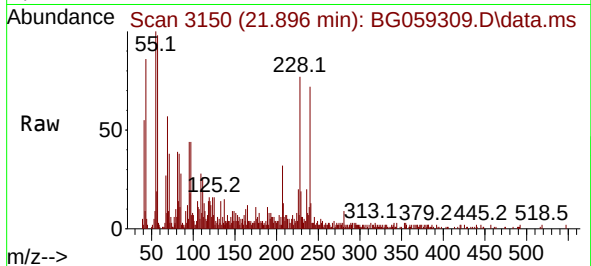
Tgt Ion:202 Resp: 40987
Ion Ratio Lower Upper
202 100
101 10.3 10.2 15.4
100 12.5 9.6 14.4





#85
Benzo(a)anthracene
Concen: 1.814 ng/ul
RT: 21.896 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34

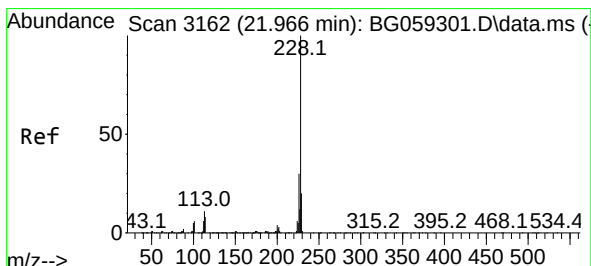
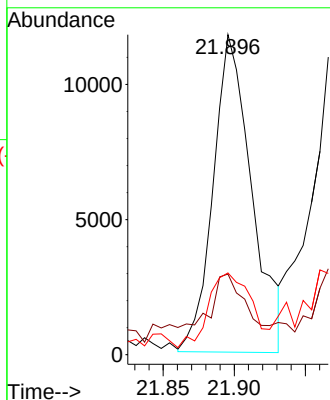
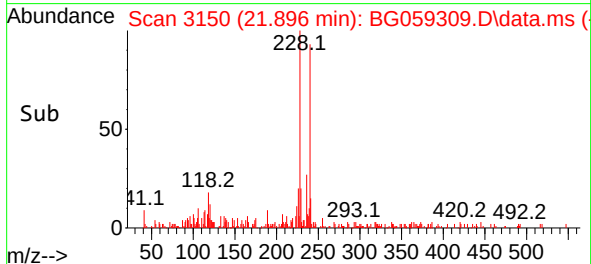
Instrument :
BNA_G
ClientSampleId :
EZY6



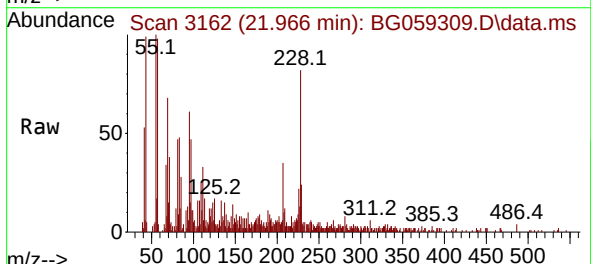
Tgt Ion:228 Resp: 22198
Ion Ratio Lower Upper
228 100
229 25.2 15.5 23.3
226 25.5 21.4 32.2

Manual Integrations
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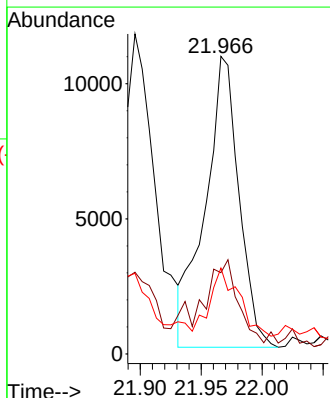
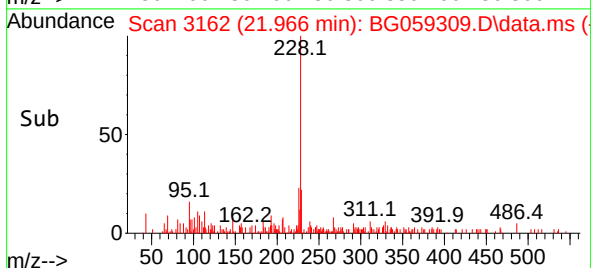
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/06/2023

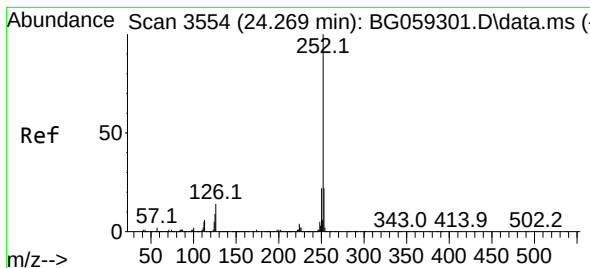


#87
Chrysene
Concen: 1.804 ng/ul
RT: 21.966 min Scan# 3162
Delta R.T. -0.008 min
Lab File: BG059309.D
Acq: 5 Oct 2023 23:34



Tgt Ion:228 Resp: 20845
Ion Ratio Lower Upper
228 100
226 27.3 24.2 36.4
229 28.9 16.2 24.2#





#90

Benzo(b)fluoranthene

Concen: 2.123 ng/uI

RT: 24.275 min Scan# 3554

Delta R.T. -0.008 min

Lab File: BG059309.D

Acq: 5 Oct 2023 23:34

Instrument :

BNA_G

ClientSampleId :

EZYY6

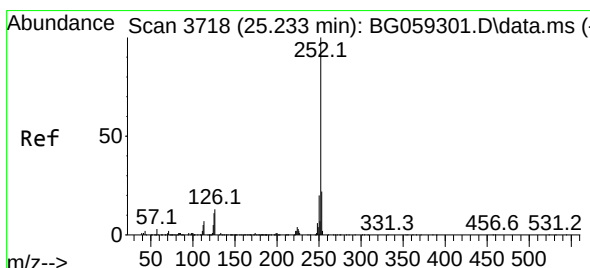
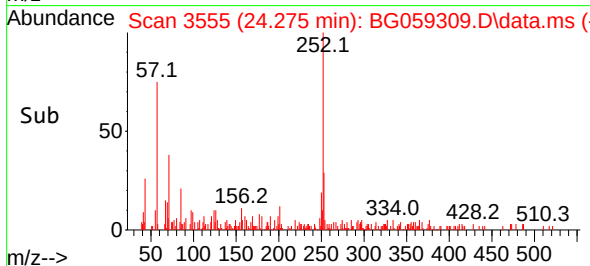
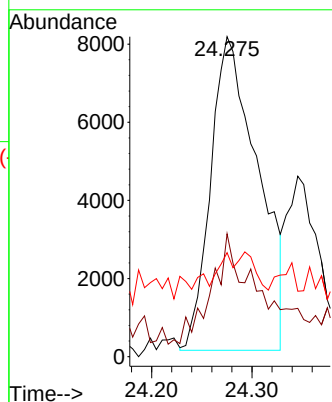
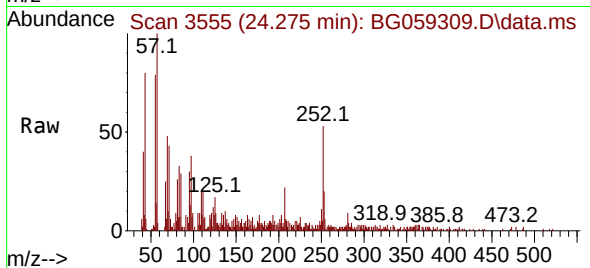
Tgt Ion:	252	Resp:	26289
Ion Ratio	Lower	Upper	
252	100		
253	38.4	18.0	27.0#
125	32.5	8.1	12.1#

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 1.274 ng/uI

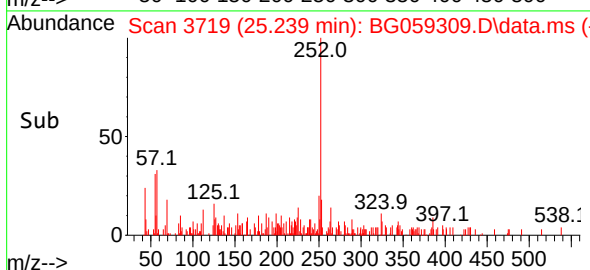
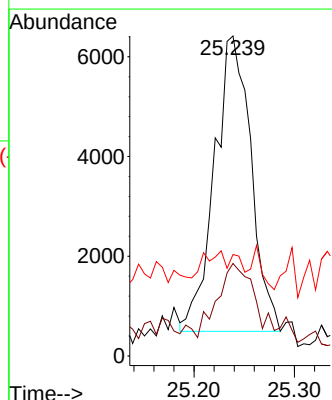
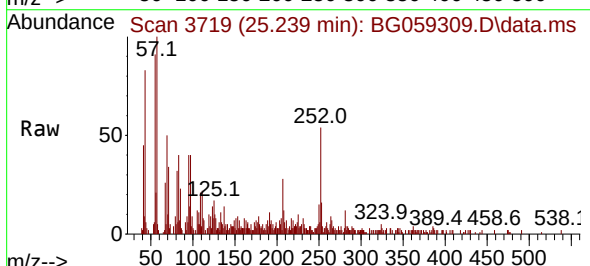
RT: 25.239 min Scan# 3719

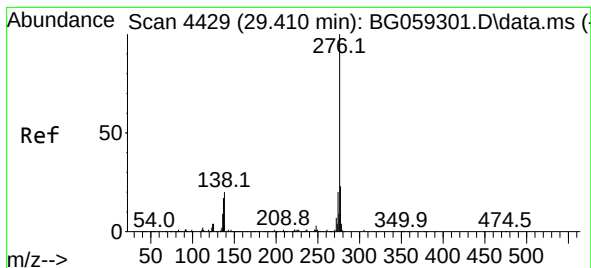
Delta R.T. -0.002 min

Lab File: BG059309.D

Acq: 5 Oct 2023 23:34

Tgt Ion:	252	Resp:	14968
Ion Ratio	Lower	Upper	
252	100		
253	28.9	17.2	25.8#
125	31.7	9.4	14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.173 ng/ul m

RT: 29.434 min Scan# 4429

Delta R.T. -0.002 min

Lab File: BG059309.D

Acq: 5 Oct 2023 23:34

Instrument :

BNA_G

ClientSampleId :

EZYY6

Tgt Ion:276 Resp: 15600

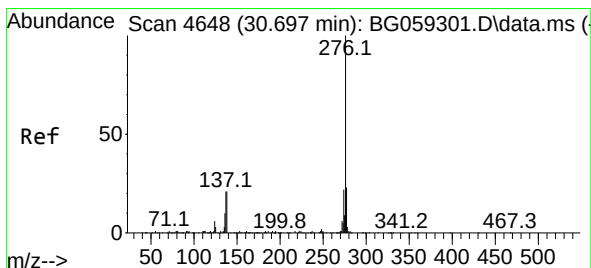
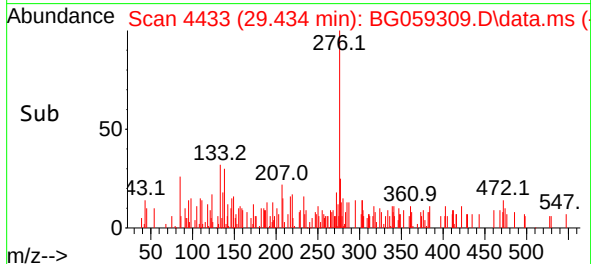
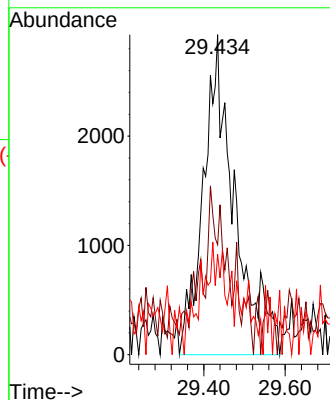
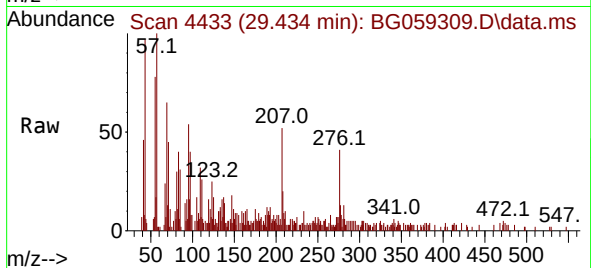
Ion	Ratio	Lower	Upper
276	100		
138	34.3	17.0	25.6
277	31.3	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2023

Supervised By :mohammad ahmed 10/06/2023



#96

Benzo(g,h,i)perylene

Concen: 1.335 ng/ul m

RT: 30.697 min Scan# 4648

Delta R.T. -0.014 min

Lab File: BG059309.D

Acq: 5 Oct 2023 23:34

Tgt Ion:276 Resp: 14438

Ion	Ratio	Lower	Upper
276	100		
138	26.5	16.6	25.0
277	28.8	20.0	30.0

