

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
 Acq On : 2 May 2023 13:02
 Operator : CG/JU
 Sample : 02419-34
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW929

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

Quant Time: May 03 01:55:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.382	152	15330	20.000	ng/u1	0.00
20) Naphthalene-d8	11.219	136	64848	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.996	164	45414	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.734	188	95590	20.000	ng/u1	0.00
79) Chrysene-d12	22.052	240	80585	20.000	ng/u1	0.00
88) Perylene-d12	25.576	264	88689	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.665	96	589	1.691	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.518	99	17775	12.261	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.683	67	10770	12.630	ng/u1	0.00
11) 2-Chlorophenol-d4	7.906	132	13317	13.939	ng/u1	0.00
15) 4-Methylphenol-d8	9.087	113	11269	10.227	ng/u1	0.00
21) Nitrobenzene-d5	9.557	128	7636	14.786	ng/u1	0.00
24) 2-Nitrophenol-d4	10.285	143	8795	14.593	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.837	165	15809	13.596	ng/u1	0.00
31) 4-Chloroaniline-d4	11.348	131	10591	6.872	ng/u1	0.00
46) Dimethylphthalate-d6	14.380	166	52246	14.519	ng/u1	0.00
49) Acenaphthylene-d8	14.691	160	61684	15.252	ng/u1	0.00
54) 4-Nitrophenol-d4	15.190	143	4041m	7.715	ng/u1	0.01
60) Fluorene-d10	15.977	176	46939	14.002	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.095	200	2498	4.411	ng/u1	0.00
73) Anthracene-d10	17.834	188	70770	16.220	ng/u1	0.00
81) Pyrene-d10	20.101	212	80812	16.895	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.330	264	73179	16.196	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.548	94	3364	2.302	ng/u1#	89
16) Acetophenone	9.210	105	7786	4.106	ng/u1#	92
72) Phenanthrene	17.775	178	17020	3.419	ng/u1#	92
78) Di-n-butylphthalate	18.650	149	10526	2.203	ng/u1#	94
80) Fluoranthene	19.766	202	41508	7.305	ng/u1#	97
82) Pyrene	20.131	202	42315	7.356	ng/u1#	96
83) Butylbenzylphthalate	20.982	149	7469	4.055	ng/u1	92
85) Benzo(a)anthracene	22.028	228	31124	5.461	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.875	149	150798	56.286	ng/u1	95
87) Chrysene	22.099	228	34495m	6.415	ng/u1	
89) Di-n-octyl phthalate	23.180	149	7999m	1.633	ng/u1	
90) Benzo(b)fluoranthene	24.448	252	68550	11.161	ng/u1#	94
91) Benzo(k)fluoranthene	24.513	252	19687m	3.295	ng/u1	
93) Benzo(a)pyrene	25.412	252	42121	7.944	ng/u1#	98
94) Indeno(1,2,3-cd)pyrene	29.653	276	42736m	6.448	ng/u1	
95) Dibenzo(a,h)anthracene	29.677	278	11548m	2.101	ng/u1	
96) Benzo(g,h,i)perylene	30.934	276	52179m	9.727	ng/u1	

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

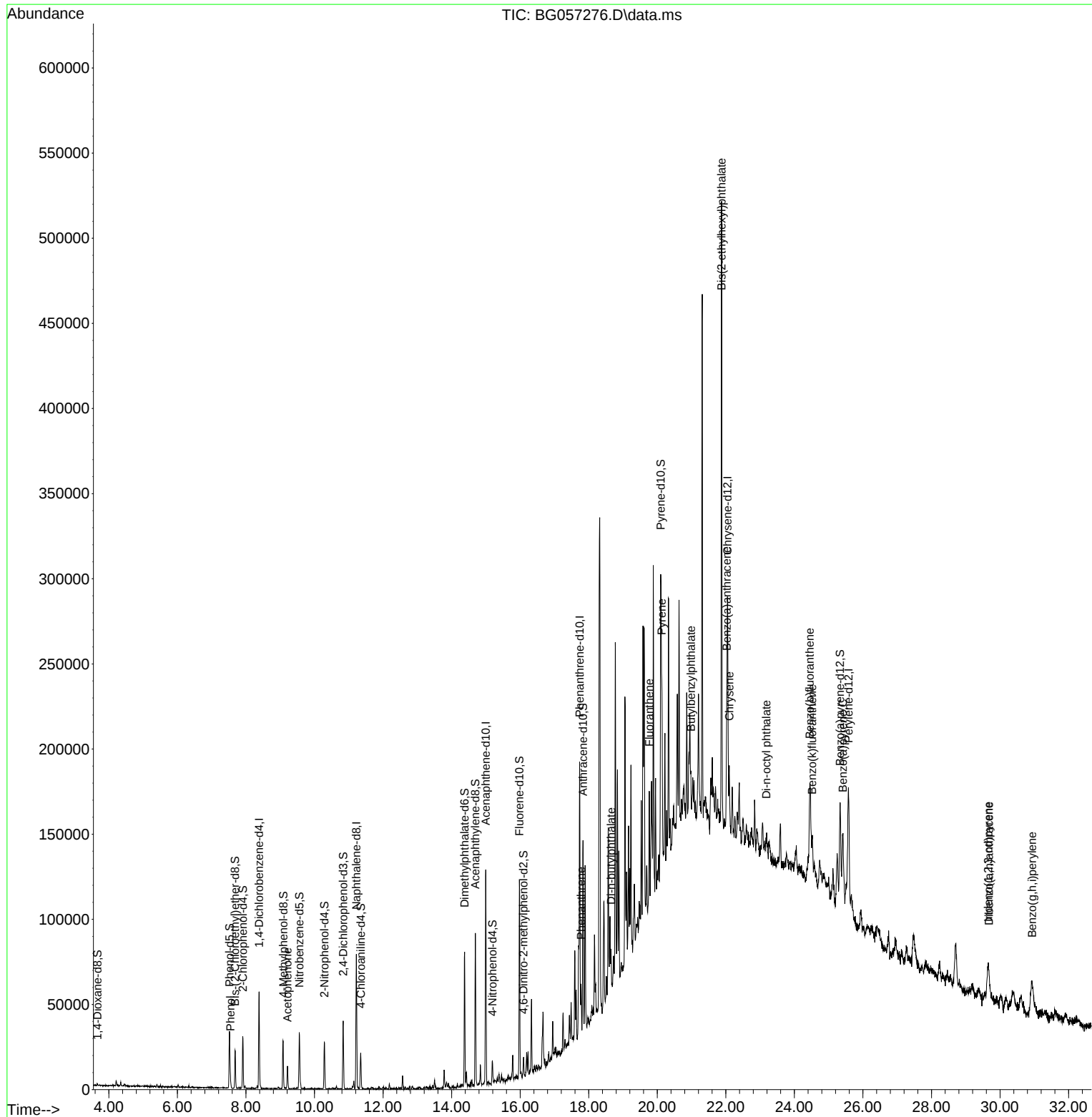
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050123\
 Data File : BG057276.D
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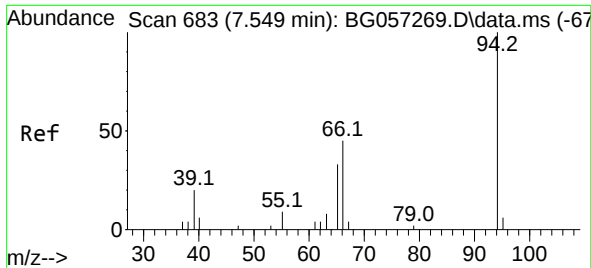
Instrument :
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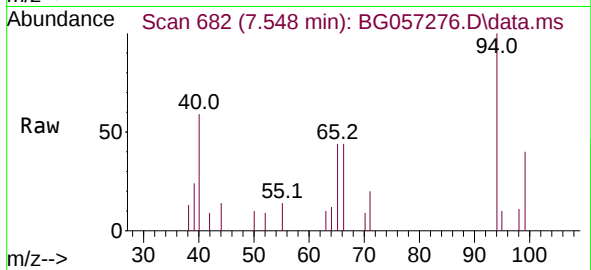
Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023





#8
Phenol
Concen: 2.302 ng/ul
RT: 7.548 min Scan# 683
Delta R.T. 0.007 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

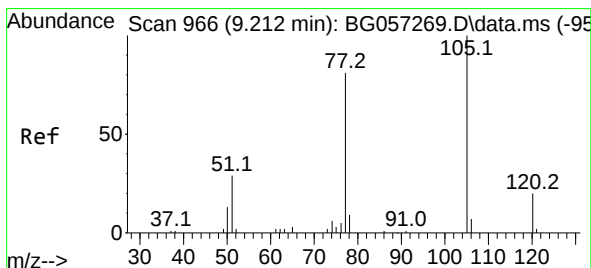
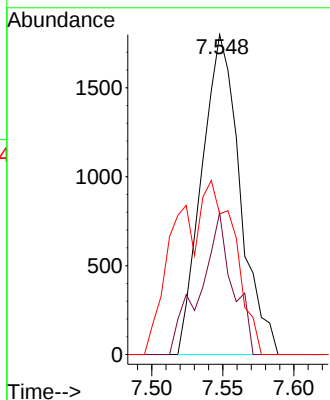
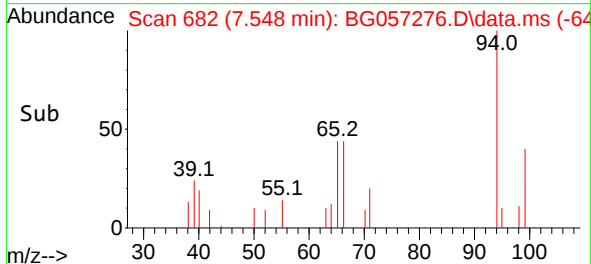
Instrument :
BNA_G
ClientSampleId :
EW929



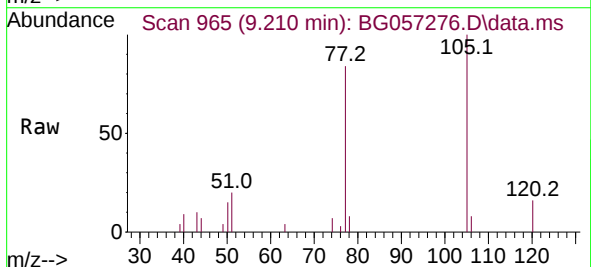
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Ion Ratio Lower Upper
94 100
65 44.4 25.5 38.3#
66 44.0 36.9 55.3

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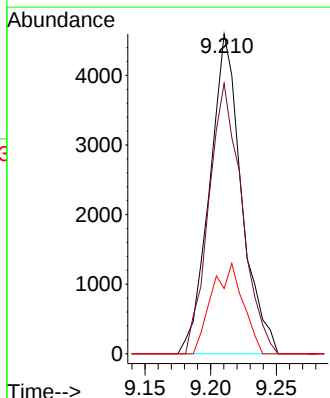
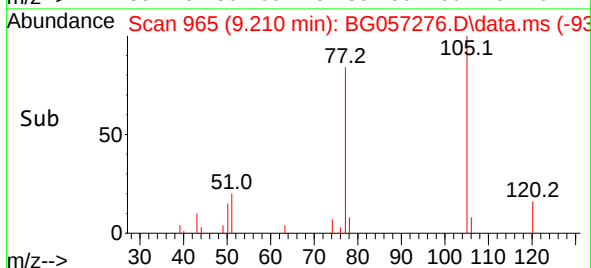
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

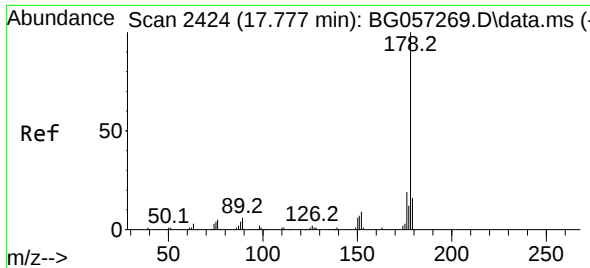


#16
Acetophenone
Concen: 4.106 ng/ul
RT: 9.210 min Scan# 965
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02



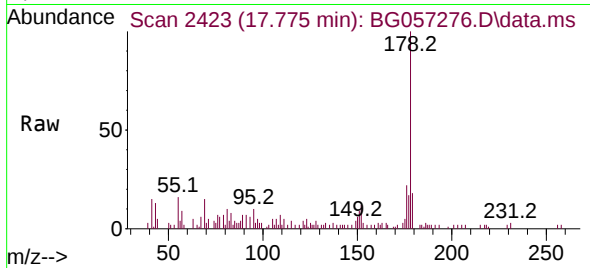
Tgt Ion:105 Resp: 7786
Ion Ratio Lower Upper
105 100
77 84.5 70.6 105.8
51 20.4 24.5 36.7#





#72
Phenanthrene
Concen: 3.419 ng/ul
RT: 17.775 min Scan# 2424
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

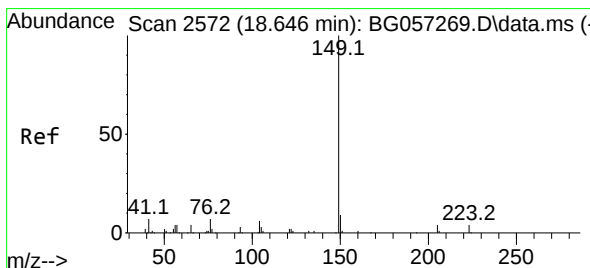
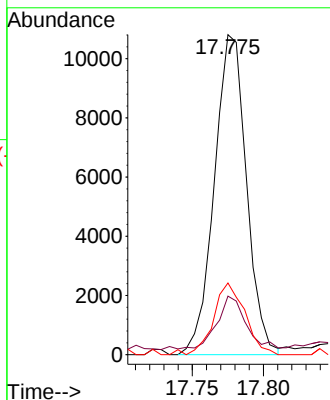
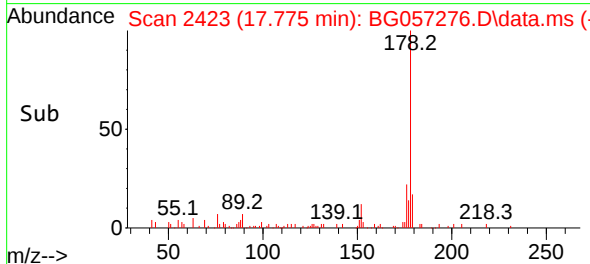
Instrument :
BNA_G
ClientSampleId :
EW929



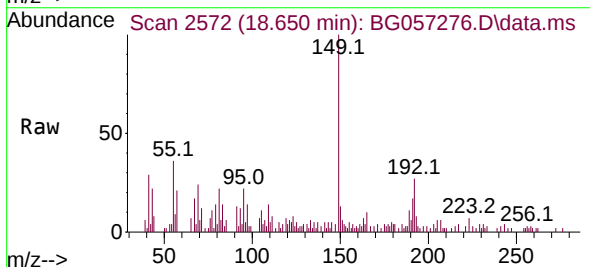
Tgt Ion:178 Resp: 17020
Ion Ratio Lower Upper
178 100
179 18.3 11.8 17.8#
176 22.4 15.4 23.0

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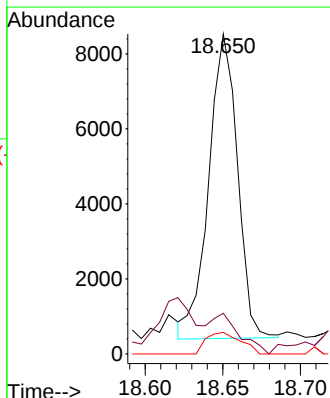
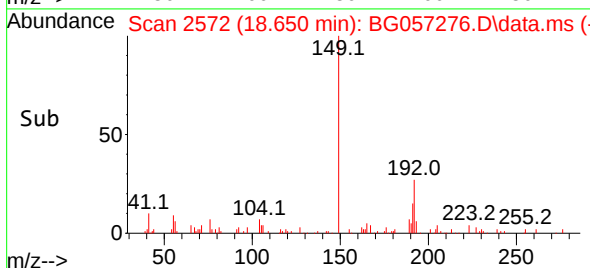
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

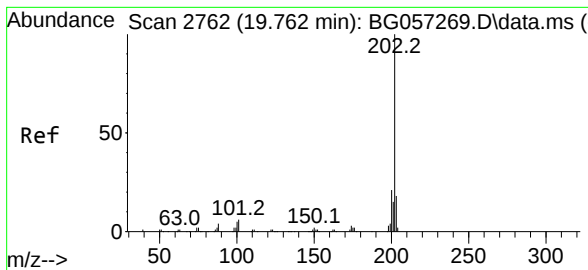


#78
Di-n-butylphthalate
Concen: 2.203 ng/ul
RT: 18.650 min Scan# 2572
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02



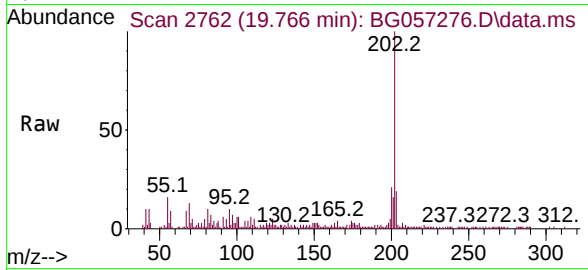
Tgt Ion:149 Resp: 10526
Ion Ratio Lower Upper
149 100
150 12.7 7.3 10.9#
104 6.7 5.0 7.6





#80
Fluoranthene
Concen: 7.305 ng/u1
RT: 19.766 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

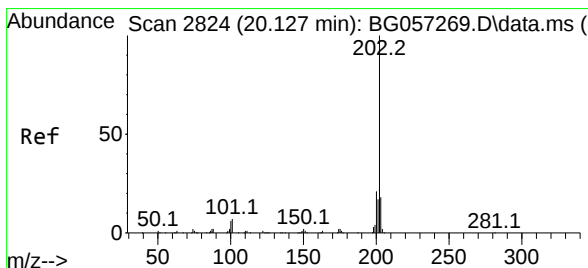
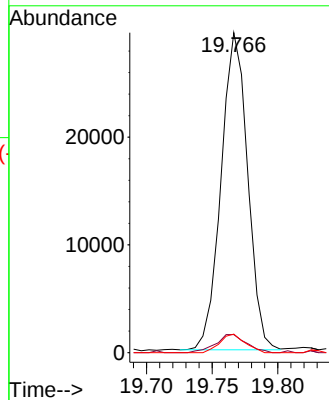
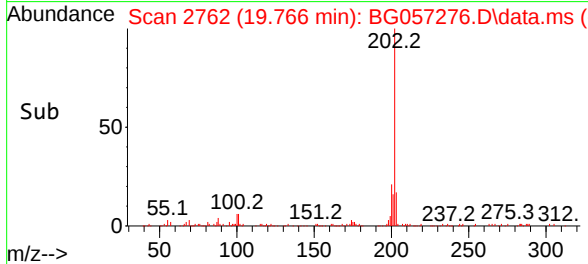
Instrument :
BNA_G
ClientSampleId :
EW929



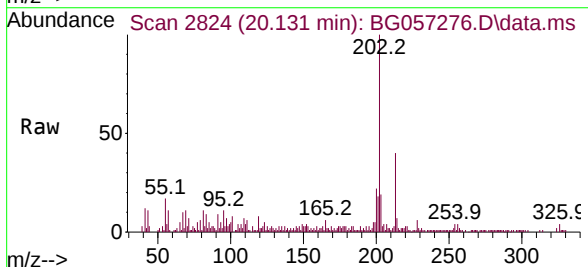
Tgt Ion:202 Resp: 41508
Ion Ratio Lower Upper
202 100
101 5.6 5.8 8.6
100 5.8 4.6 7.0

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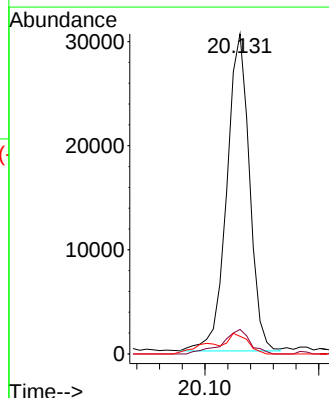
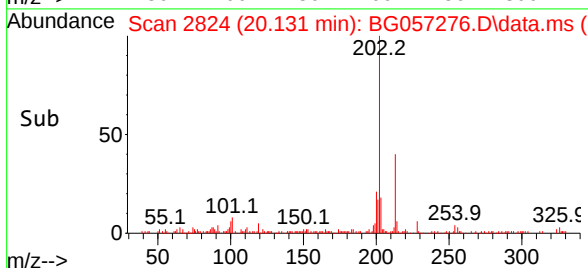
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

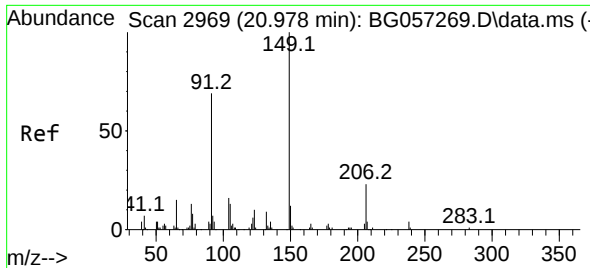


#82
Pyrene
Concen: 7.356 ng/u1
RT: 20.131 min Scan# 2824
Delta R.T. 0.007 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02



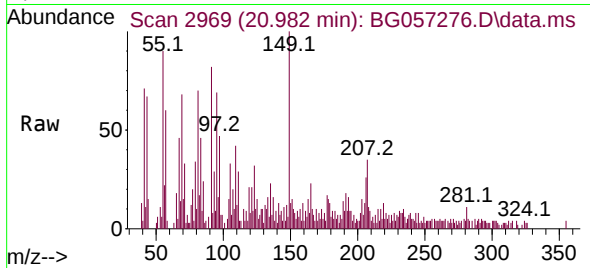
Tgt Ion:202 Resp: 42315
Ion Ratio Lower Upper
202 100
101 7.6 5.7 8.5
100 5.5 6.0 9.0#





#83
Butylbenzylphthalate
Concen: 4.055 ng/ul
RT: 20.982 min Scan# 2969
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

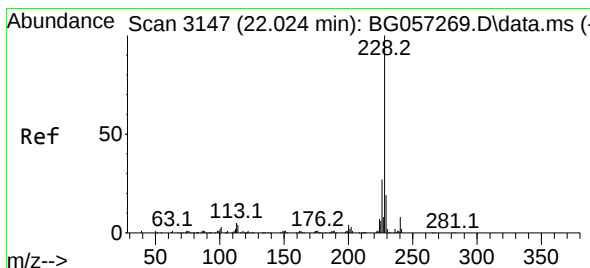
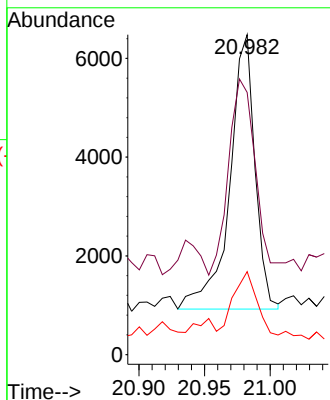
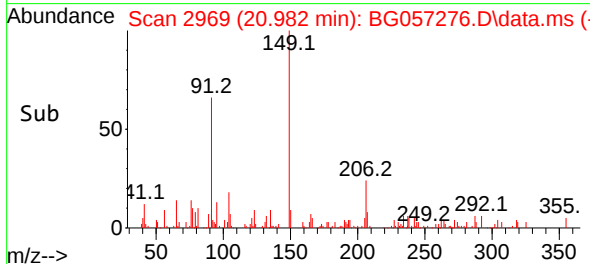
Instrument :
BNA_G
ClientSampleId :
EW929



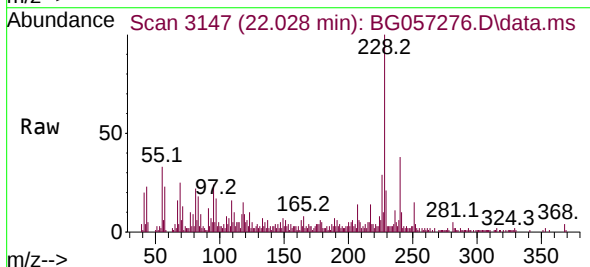
Tgt Ion:149 Resp: 7469
Ion Ratio Lower Upper
149 100
91 81.9 58.6 87.8
206 25.9 19.8 29.8

Manual Integrations
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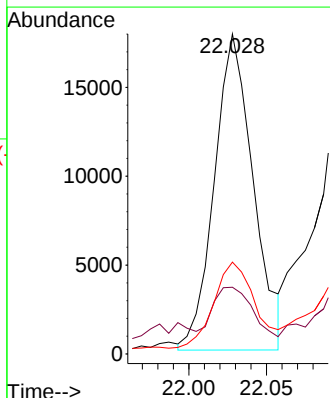
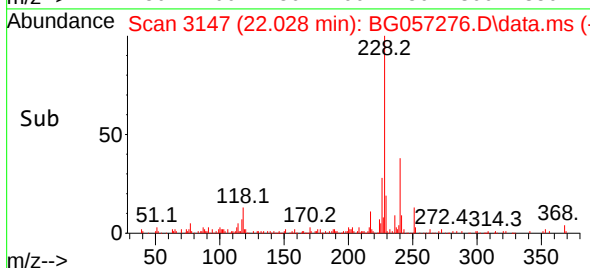
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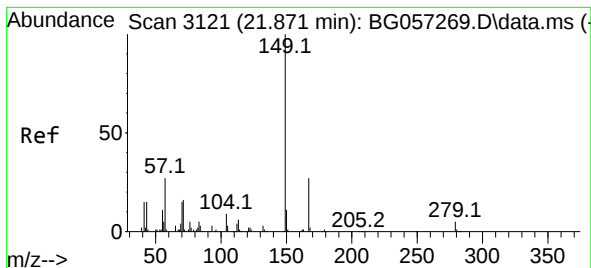


#85
Benzo(a)anthracene
Concen: 5.461 ng/ul
RT: 22.028 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02



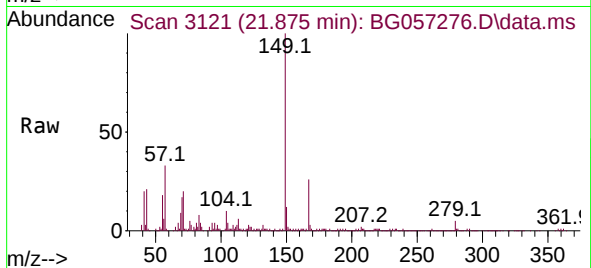
Tgt Ion:228 Resp: 31124
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.7 21.7 32.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 56.286 ng/ul
RT: 21.875 min Scan# 3121
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

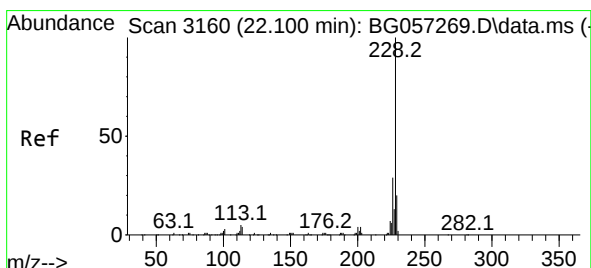
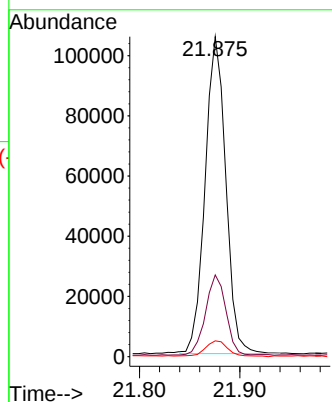
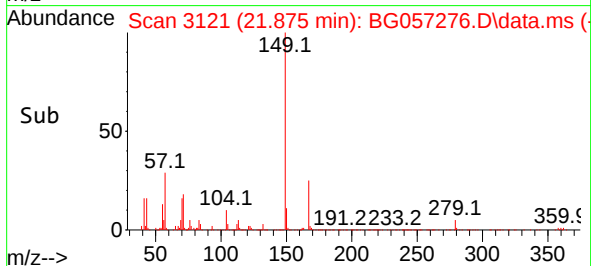
Instrument :
BNA_G
Client Sample Id :
EW929



Tgt Ion:149 Resp: 150798
Ion Ratio Lower Upper
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167 25.5 23.0 34.6
279 4.9 3.6 5.4

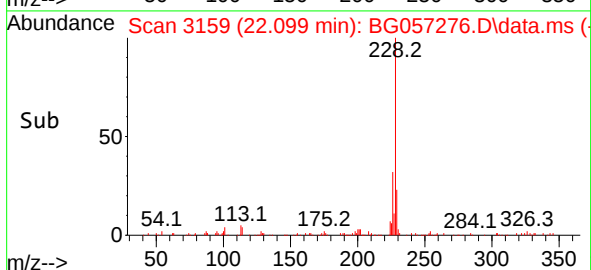
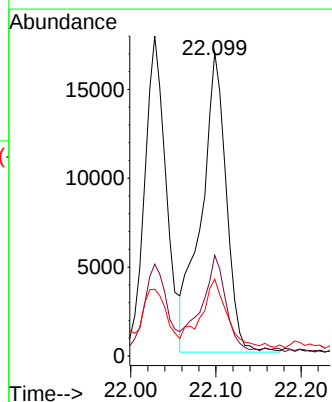
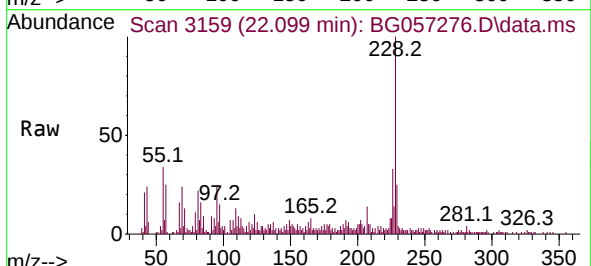
Manual Integrations
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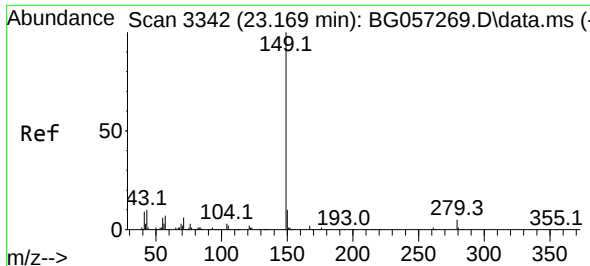
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#87
Chrysene
Concen: 6.415 ng/ul m
RT: 22.099 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

Tgt Ion:228 Resp: 34495
Ion Ratio Lower Upper
228 100
226 33.1 22.8 34.2
229 25.3 15.5 23.3





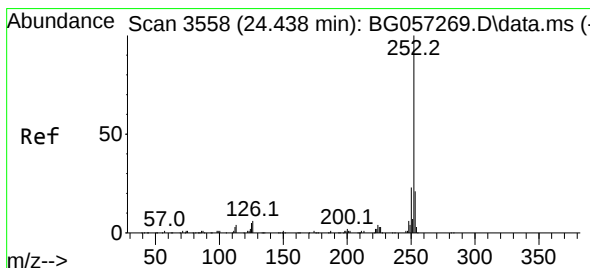
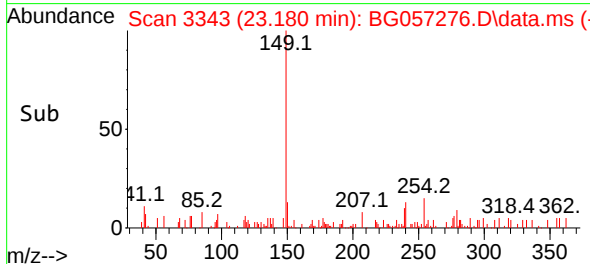
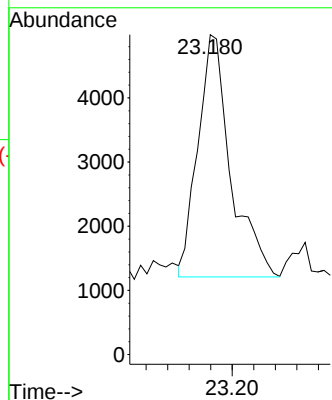
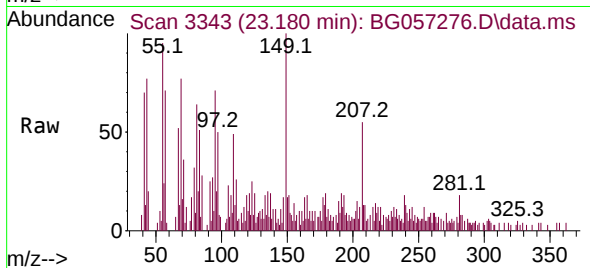
#89
Di-n-octyl phthalate
Concen: 1.633 ng/ul m
RT: 23.180 min Scan# 3342
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:149 Resp: 7999

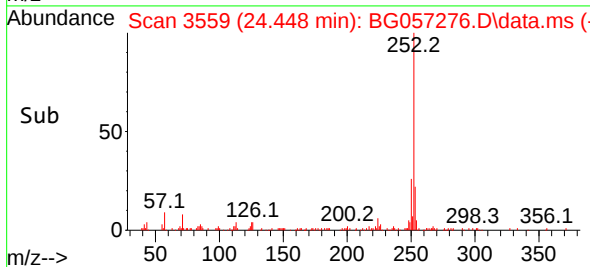
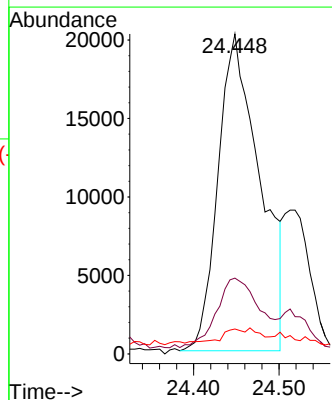
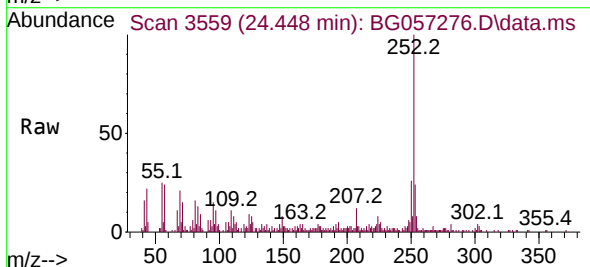
Manual Integrations
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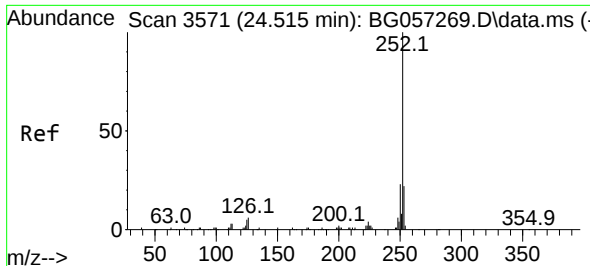
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#90
Benzo(b)fluoranthene
Concen: 11.161 ng/ul
RT: 24.448 min Scan# 3559
Delta R.T. 0.012 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

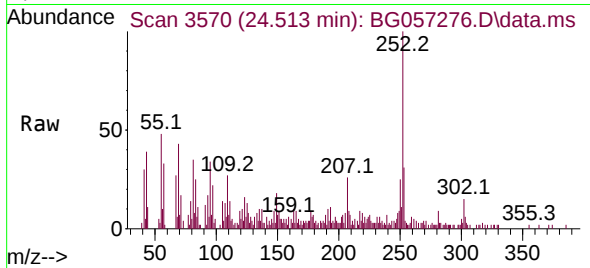
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Ion Ratio Lower Upper
252 100
253 23.7 16.7 25.1
125 7.8 4.8 7.2#





#91
Benzo(k)fluoranthene
Concen: 3.295 ng/ul m
RT: 24.513 min Scan# 3571
Delta R.T. 0.001 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02

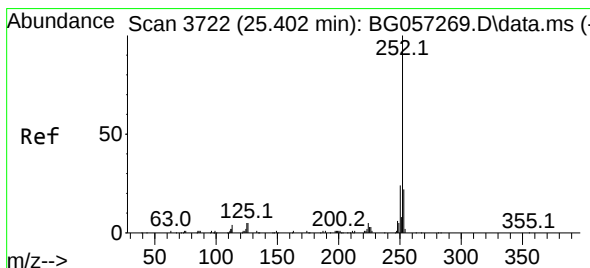
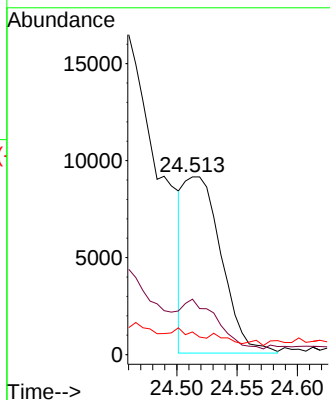
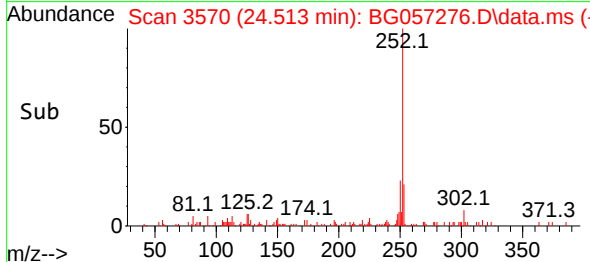
Instrument :
BNA_G
ClientSampleId :
EW929



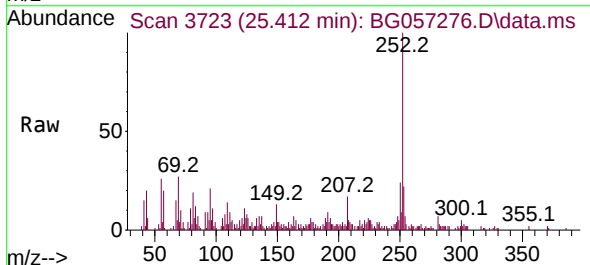
Tgt Ion:252 Resp: 1968
Ion Ratio Lower Upper
252 100
253 31.2 17.7 26.5
125 12.7 4.5 6.7

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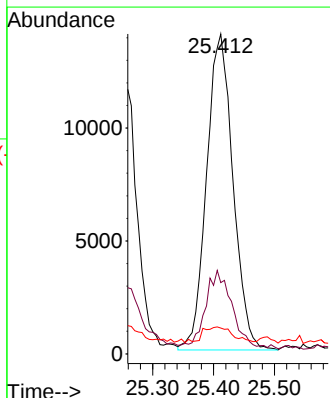
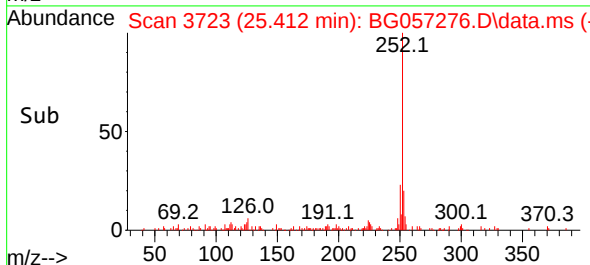
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

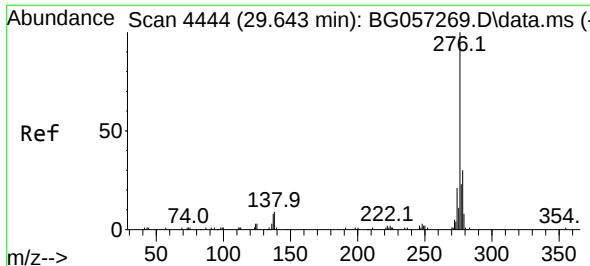


#93
Benzo(a)pyrene
Concen: 7.944 ng/ul
RT: 25.412 min Scan# 3723
Delta R.T. 0.012 min
Lab File: BG057276.D
Acq: 2 May 2023 13:02



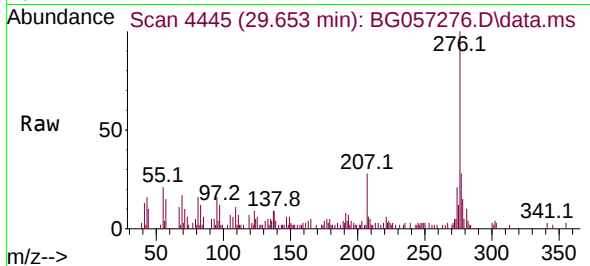
Tgt Ion:252 Resp: 42121
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 8.1 5.1 7.7





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 6.448 ng/ul m
 RT: 29.653 min Scan# 4444
 Delta R.T. 0.030 min
 Lab File: BG057276.D
 Acq: 2 May 2023 13:02

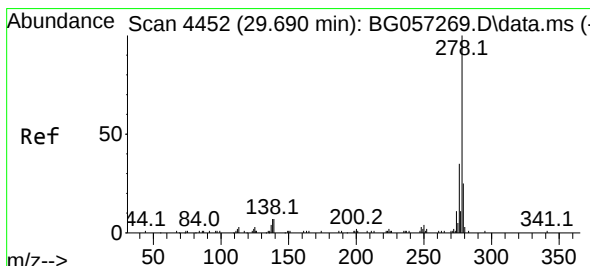
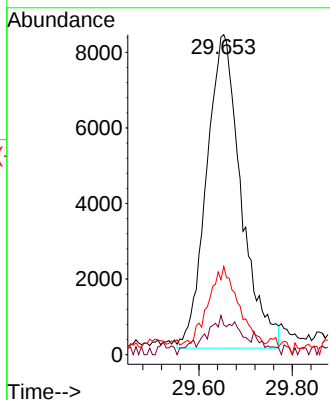
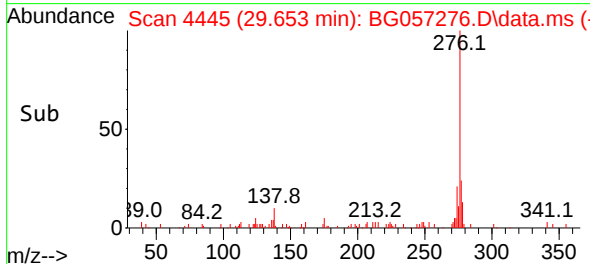
Instrument :
 BNA_G
 ClientSampleId :
 EW929



Tgt Ion:276 Resp: 42736
 Ion Ratio Lower Upper
 276 100
 138 9.3 9.4 14.2
 277 27.5 18.6 28.0

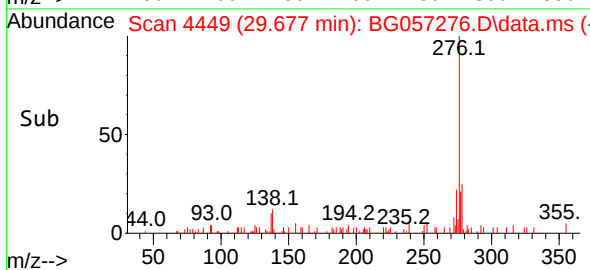
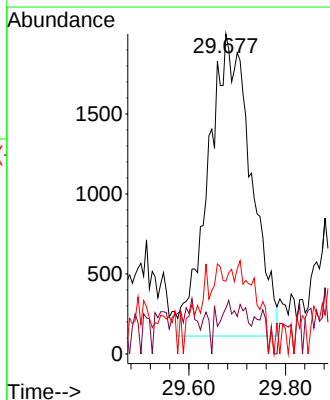
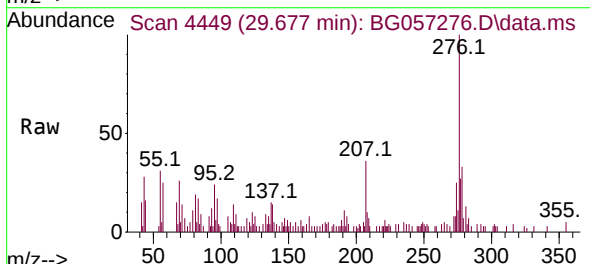
Manual Integrations
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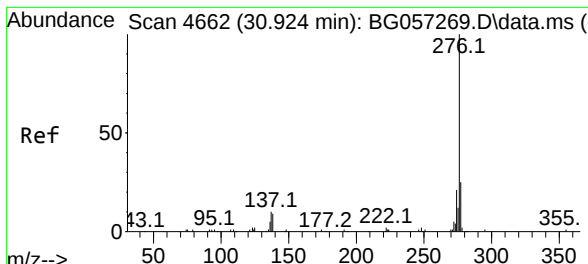
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023



#95
 Dibenzo(a,h)anthracene
 Concen: 2.101 ng/ul m
 RT: 29.677 min Scan# 4449
 Delta R.T. -0.017 min
 Lab File: BG057276.D
 Acq: 2 May 2023 13:02

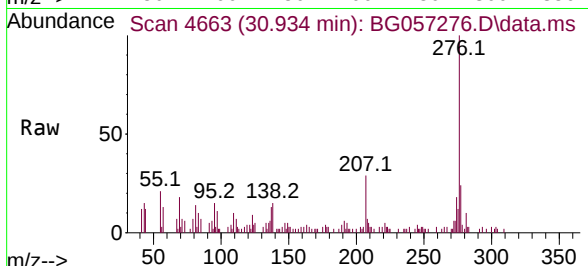
Tgt Ion:278 Resp: 11548
 Ion Ratio Lower Upper
 278 100
 139 14.3 5.8 8.6
 279 22.8 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 9.727 ng/ul m
 RT: 30.934 min Scan# 4663
 Delta R.T. 0.024 min
 Lab File: BG057276.D
 Acq: 2 May 2023 13:02

Instrument :
 BNA_G
 ClientSampleId :
 EW929



Tgt Ion: 276 Resp: 52179

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.7	13.1
277	24.2	18.4	27.6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

