

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057299.D
 Acq On : 4 May 2023 11:55
 Operator : CG/JU
 Sample : 02419-36DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW931DL

Manual Integrations
 APPROVED

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

Quant Time: May 05 02:03:52 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	8.379	152	12725	20.000	ng/u1	0.00
20) Naphthalene-d8	11.216	136	56740	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.993	164	52620	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	131554	20.000	ng/u1	0.00
79) Chrysene-d12	22.048	240	108114	20.000	ng/u1	# 0.00
88) Perylene-d12	25.567	264	113484	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.515	99	2452	2.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	1617	2.285	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	2042	2.575	ng/u1	0.00
15) 4-Methylphenol-d8	9.089	113	1634	1.786	ng/u1	0.00
21) Nitrobenzene-d5	9.553	128	992	2.195	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	1346	2.552	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.840	165	2099	2.063	ng/u1	0.00
31) 4-Chloroaniline-d4	11.345	131	1295	0.960	ng/u1	0.00
46) Dimethylphthalate-d6	14.370	166	11213	2.689	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	11762	2.510	ng/u1	0.00
54) 4-Nitrophenol-d4	15.193	143	651	1.073	ng/u1	0.01
60) Fluorene-d10	15.974	176	10681	2.750	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.830	188	16782	2.795	ng/u1	0.00
81) Pyrene-d10	20.098	212	19822	3.089	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.326	264	16844	2.913	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	9.207	105	2382	1.513	ng/u1	94
72) Phenanthrene	17.772	178	10568m	1.543	ng/u1	
78) Di-n-butylphthalate	18.647	149	10547	1.604	ng/u1	97
80) Fluoranthene	19.763	202	29751	3.903	ng/u1#	95
82) Pyrene	20.121	202	28352	3.674	ng/u1	99
83) Butylbenzylphthalate	20.973	149	6131	2.481	ng/u1	88
85) Benzo(a)anthracene	22.025	228	17379	2.273	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.866	149	62943	17.512	ng/u1	96
87) Chrysene	22.095	228	19225m	2.665	ng/u1	
90) Benzo(b)fluoranthene	24.439	252	29148	3.709	ng/u1#	97
91) Benzo(k)fluoranthene	24.510	252	12111m	1.584	ng/u1	
93) Benzo(a)pyrene	25.397	252	20016m	2.950	ng/u1	
94) Indeno(1,2,3-cd)pyrene	29.620	276	19588m	2.310	ng/u1	
96) Benzo(g,h,i)perylene	30.901	276	20100	2.928	ng/u1#	95

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

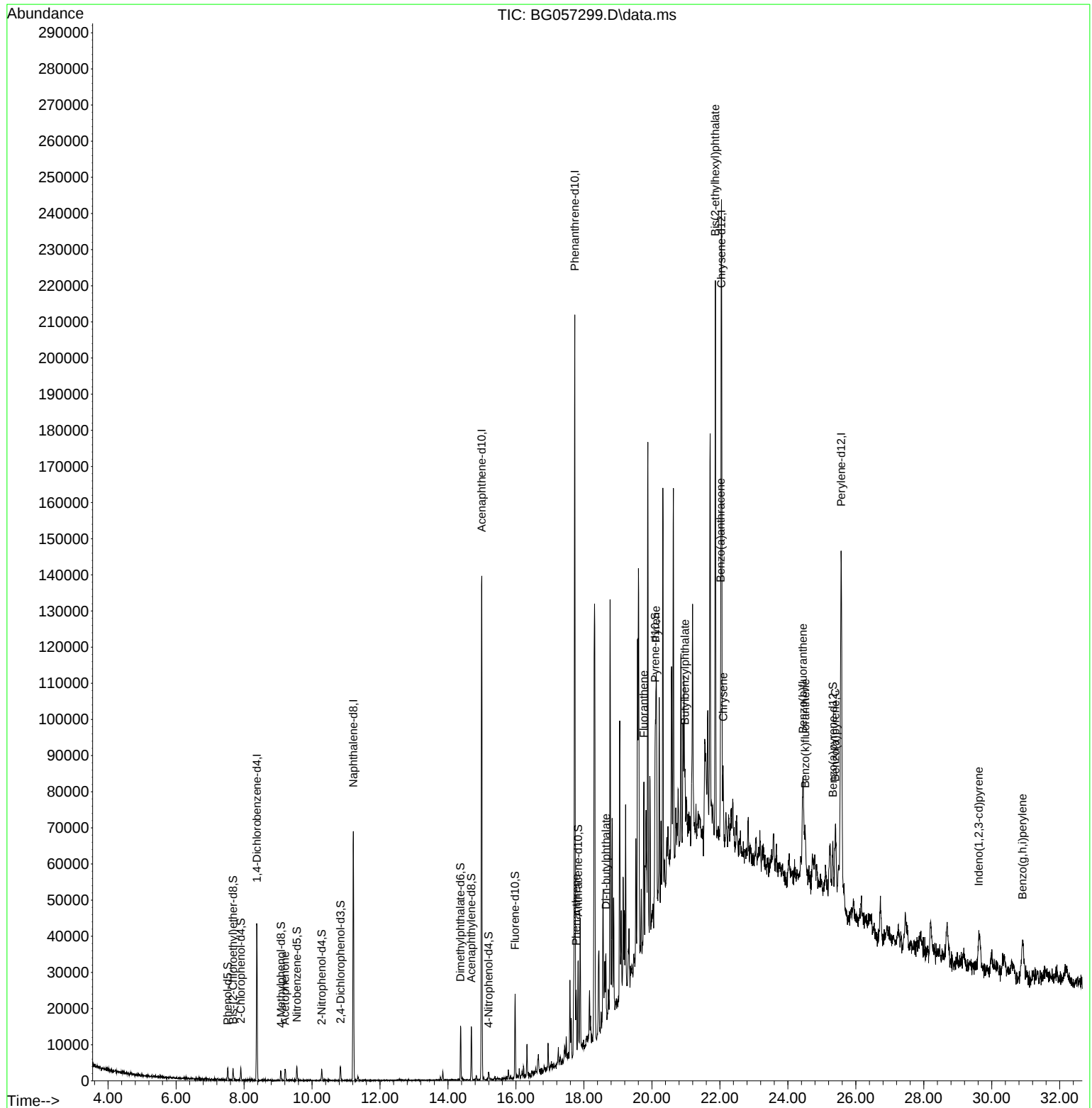
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
Data File : BG057299.D
Acq On : 4 May 2023 11:55
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ALS Vial : 4 Sample Multiplier: 1

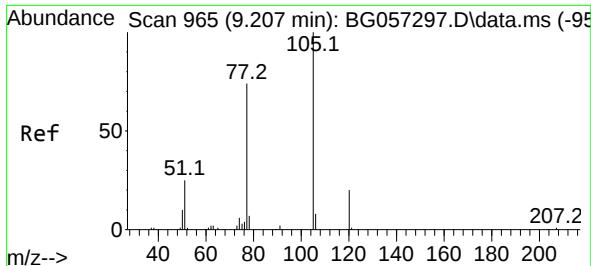
Instrument :
BNA_G
ClientSampleId :
EW931DL

Quant Time: May 05 02:03:52 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
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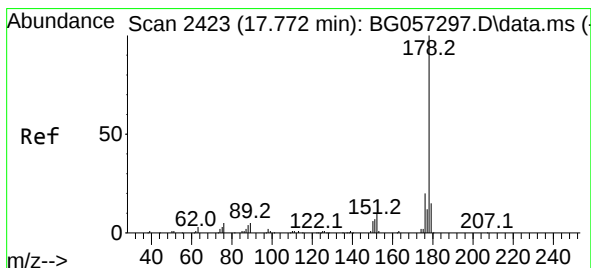
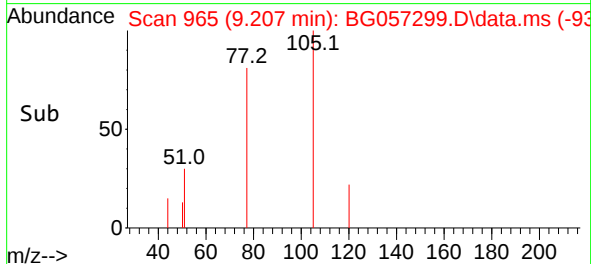
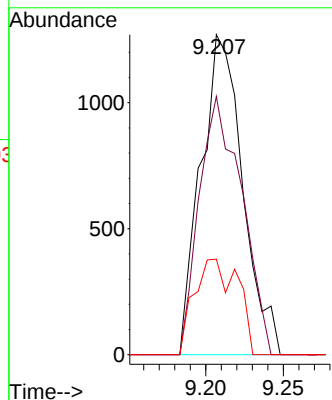
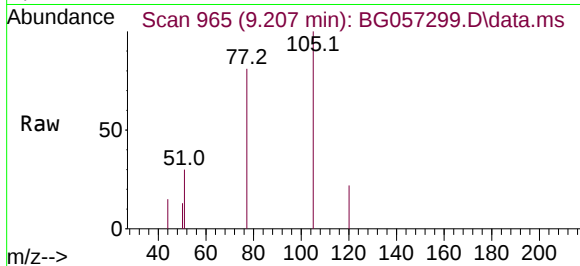
#16
Acetophenone
Concen: 1.513 ng/ul
RT: 9.207 min Scan# 965
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

Instrument :
BNA_G
ClientSampleId :
EW931DL

Tgt Ion	Ratio	Lower	Upper
105	100		
77	80.7	70.6	105.8
51	29.8	24.5	36.7

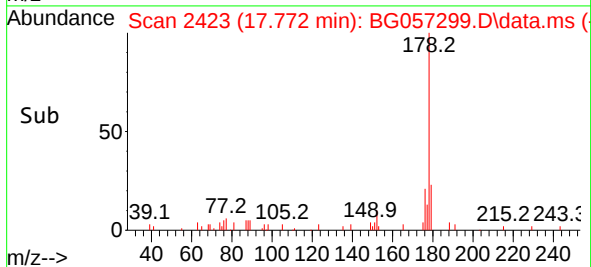
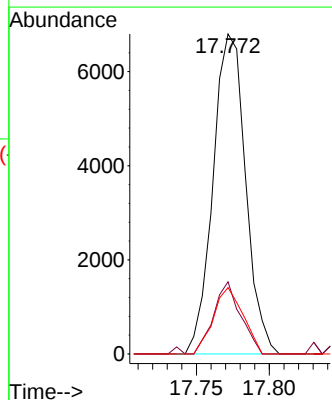
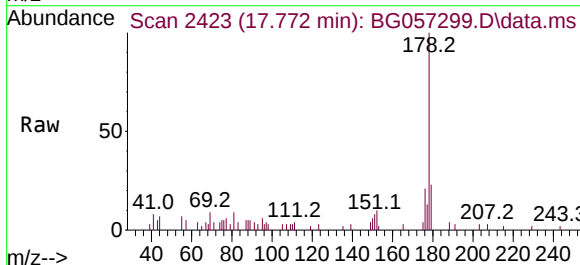
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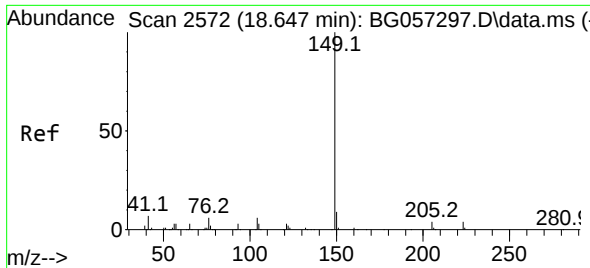
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#72
Phenanthrene
Concen: 1.543 ng/ul m
RT: 17.772 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

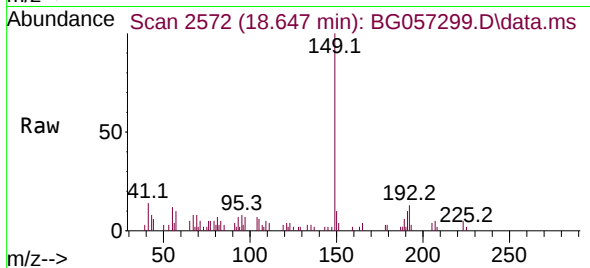
Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.5	11.8	17.8#
176	20.7	15.4	23.0





#78
Di-n-butylphthalate
Concen: 1.604 ng/ul
RT: 18.647 min Scan# 2572
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

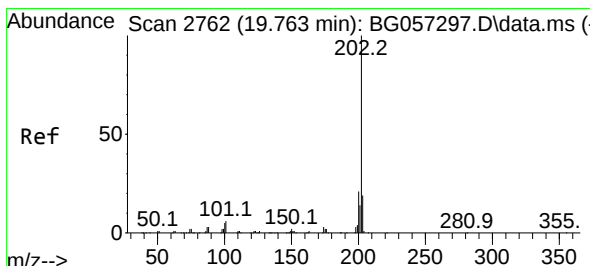
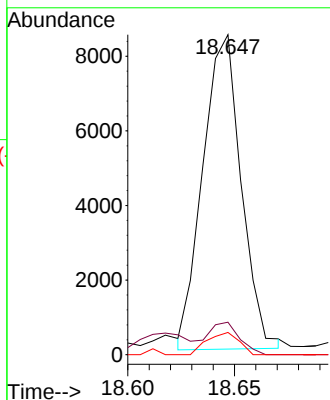
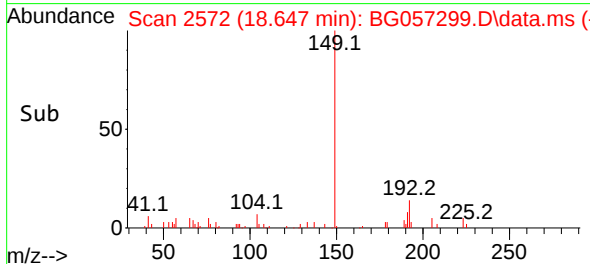
Instrument : BNA_G
ClientSampleId : EW931DL



Tgt Ion:149 Resp: 1054
Ion Ratio Lower Upper
149 100
150 10.2 7.3 10.9
104 7.0 5.0 7.6

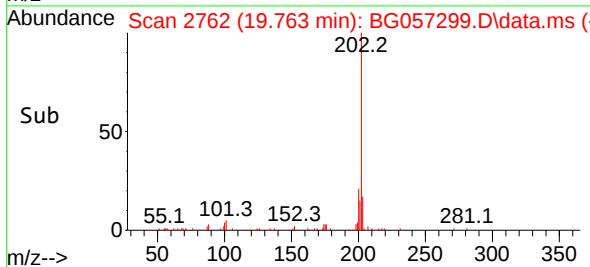
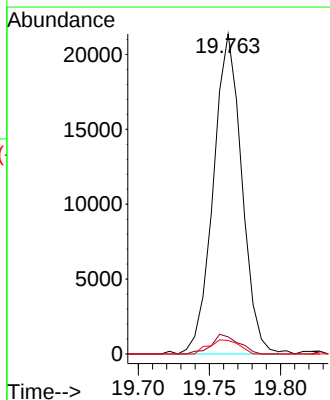
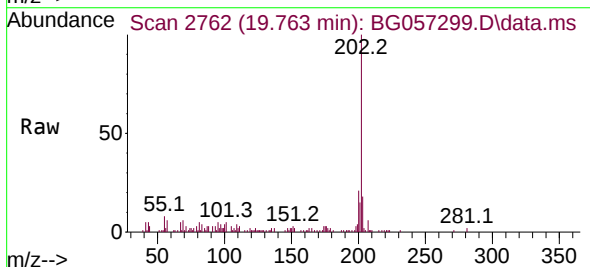
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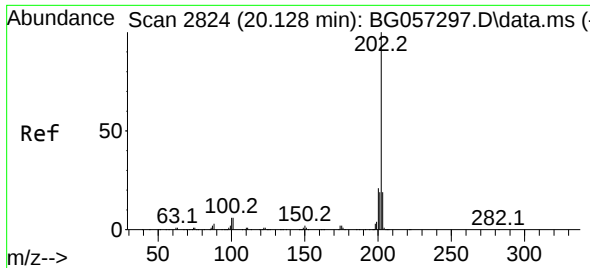
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#80
Fluoranthene
Concen: 3.903 ng/ul
RT: 19.763 min Scan# 2762
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

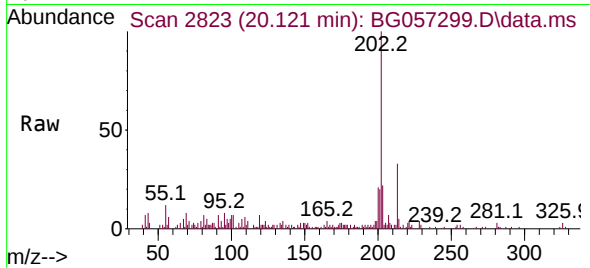
Tgt Ion:202 Resp: 29751
Ion Ratio Lower Upper
202 100
101 5.4 5.8 8.6#
100 4.2 4.6 7.0#





#82
 Pyrene
 Concen: 3.674 ng/ul
 RT: 20.121 min Scan# 2823
 Delta R.T. -0.003 min
 Lab File: BG057299.D
 Acq: 4 May 2023 11:55

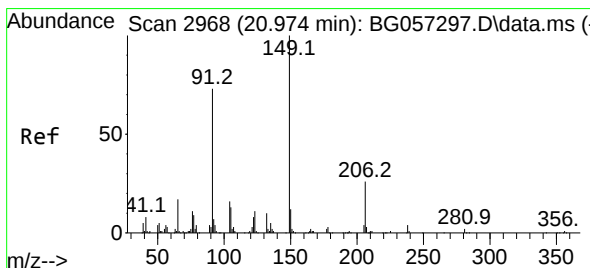
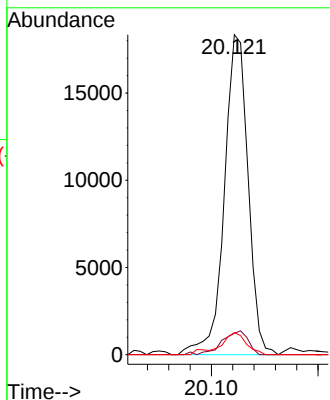
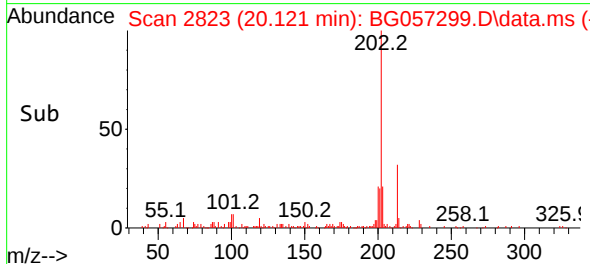
Instrument :
 BNA_G
 ClientSampleId :
 EW931DL



Tgt Ion:202 Resp: 2835
 Ion Ratio Lower Upper
 202 100
 101 6.7 5.7 8.5
 100 6.9 6.0 9.0

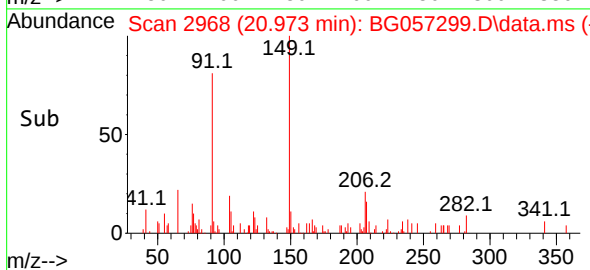
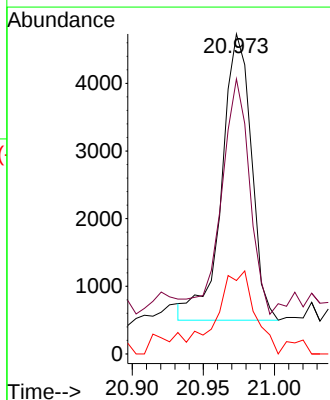
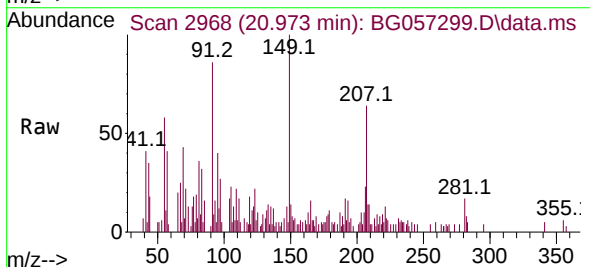
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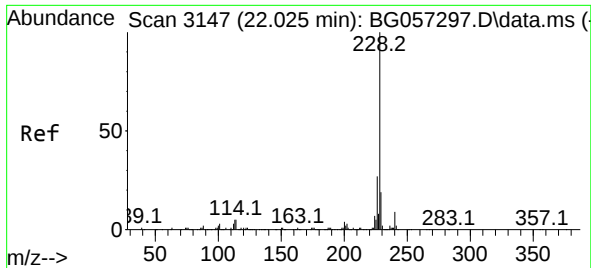
Reviewed By :Christian Giraldo 05/05/2023
 Supervised By :Jagrut Upadhyay 05/05/2023



#83
 Butylbenzylphthalate
 Concen: 2.481 ng/ul
 RT: 20.973 min Scan# 2968
 Delta R.T. -0.009 min
 Lab File: BG057299.D
 Acq: 4 May 2023 11:55

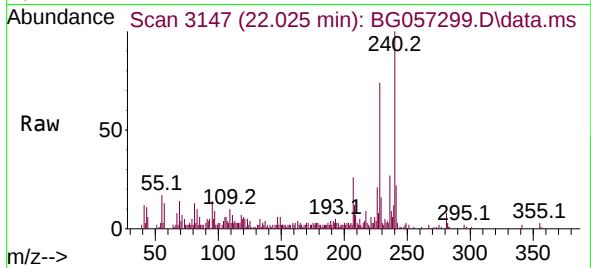
Tgt Ion:149 Resp: 6131
 Ion Ratio Lower Upper
 149 100
 91 85.9 58.6 87.8
 206 23.0 19.8 29.8





#85
Benzo(a)anthracene
Concen: 2.273 ng/ul
RT: 22.025 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

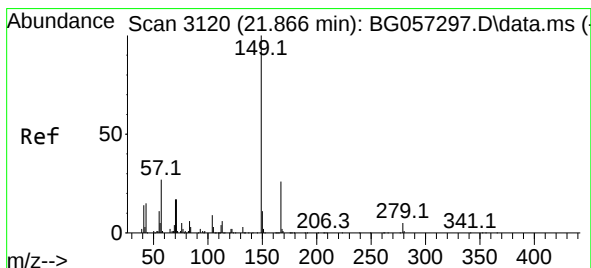
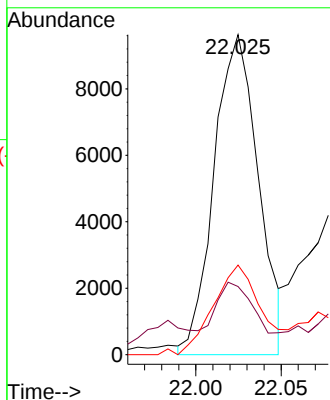
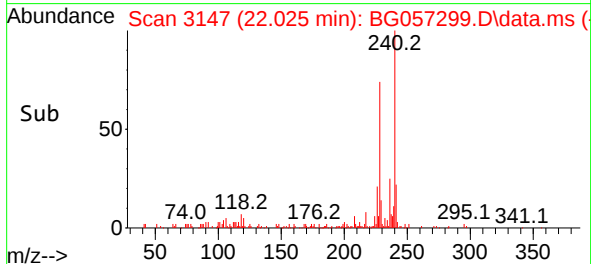
Instrument :
BNA_G
ClientSampleId :
EW931DL



Tgt Ion:228 Resp: 17379
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.0 21.7 32.5

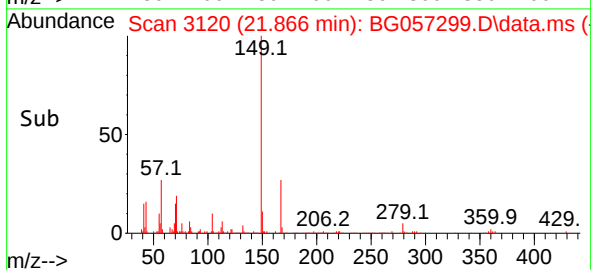
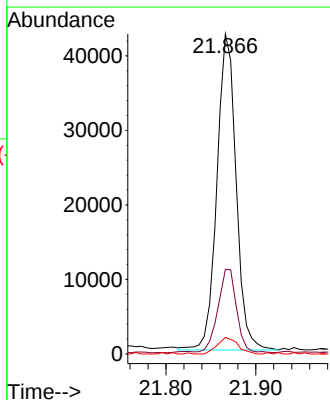
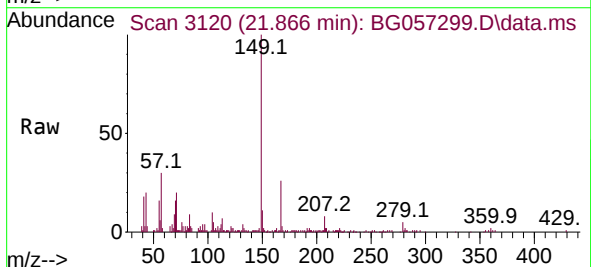
Manual Integrations
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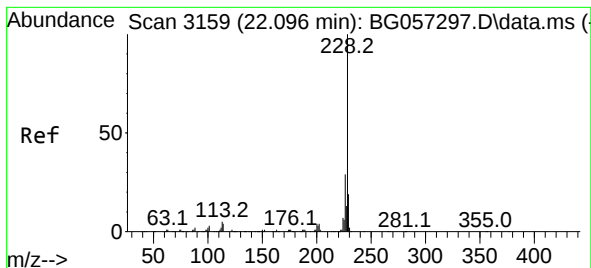
Reviewed By :Christian Giraldo 05/05/2023
Supervised By :Jagrut Upadhyay 05/05/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 17.512 ng/ul
RT: 21.866 min Scan# 3120
Delta R.T. -0.009 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

Tgt Ion:149 Resp: 62943
Ion Ratio Lower Upper
149 100
167 26.5 23.0 34.6
279 5.2 3.6 5.4





#87

Chrysene

Concen: 2.665 ng/ul m

RT: 22.095 min Scan# 3159

Delta R.T. -0.003 min

Lab File: BG057299.D

Acq: 4 May 2023 11:55

Instrument :

BNA_G

ClientSampleId :

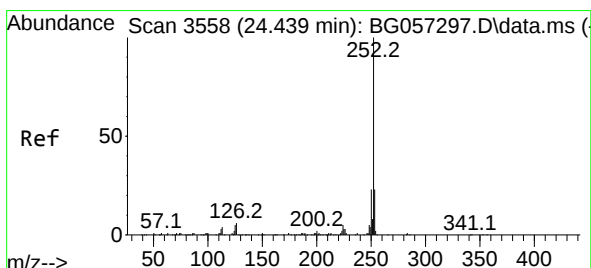
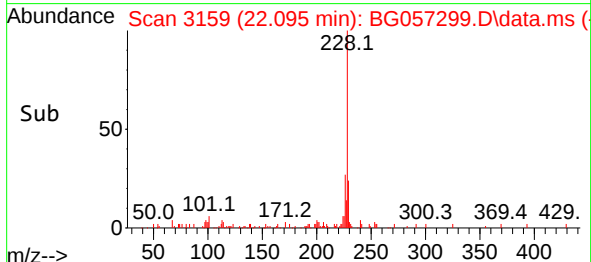
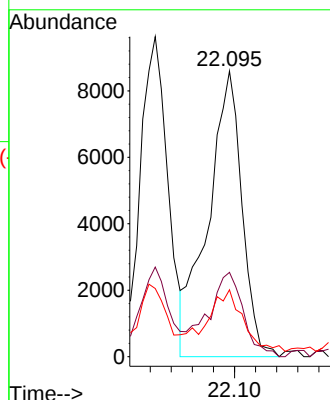
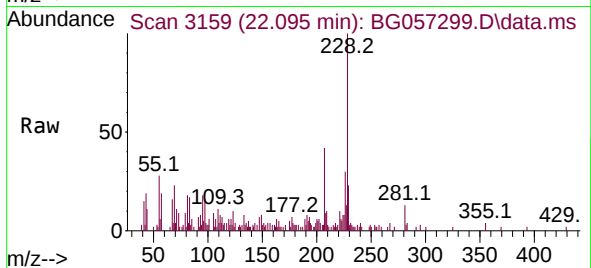
EW931DL

Tgt Ion:	228	Resp:	19225
Ion Ratio	Lower	Upper	
228	100		
226	29.5	22.8	34.2
229	23.4	15.5	23.3

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 3.709 ng/ul

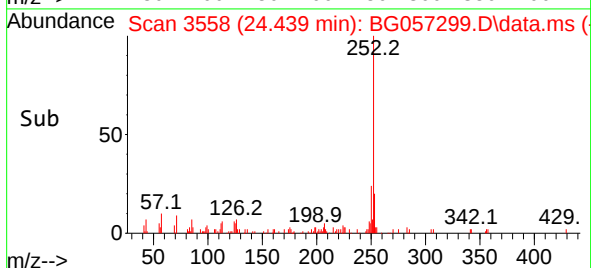
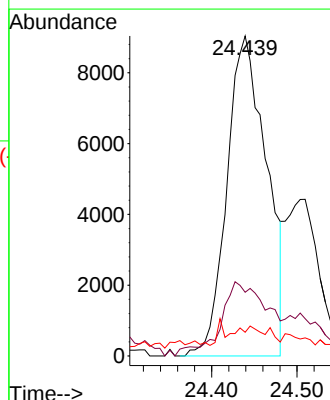
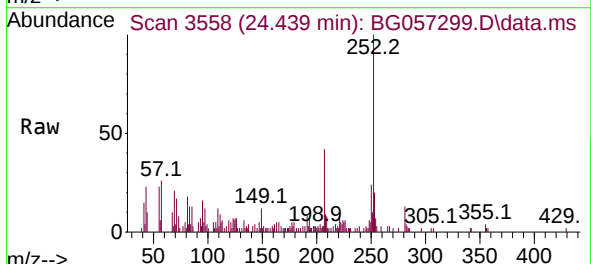
RT: 24.439 min Scan# 3558

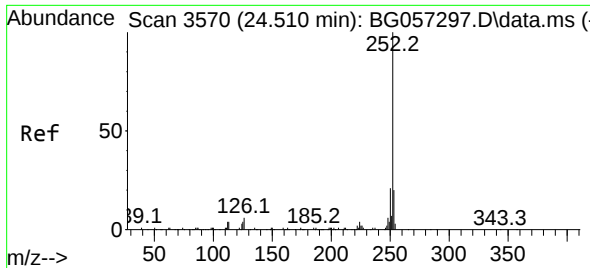
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Lab File: BG057299.D

Acq: 4 May 2023 11:55

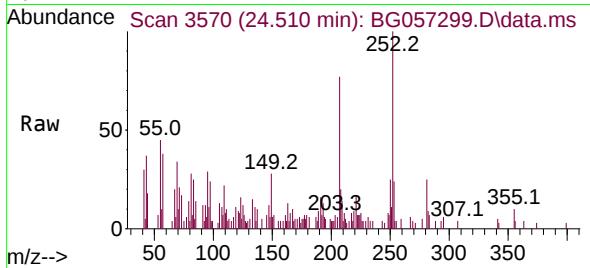
Tgt Ion:	252	Resp:	29148
Ion Ratio	Lower	Upper	
252	100		
253	19.9	16.7	25.1
125	7.4	4.8	7.2





#91
Benzo(k)fluoranthene
Concen: 1.584 ng/ul m
RT: 24.510 min Scan# 3570
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55

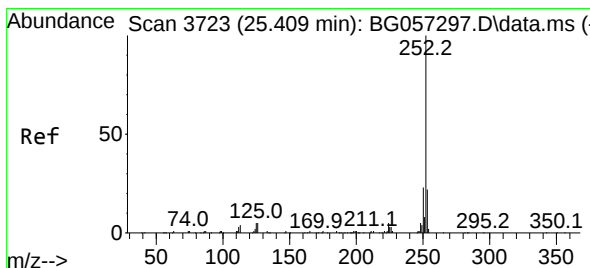
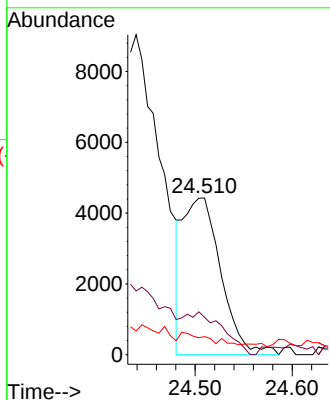
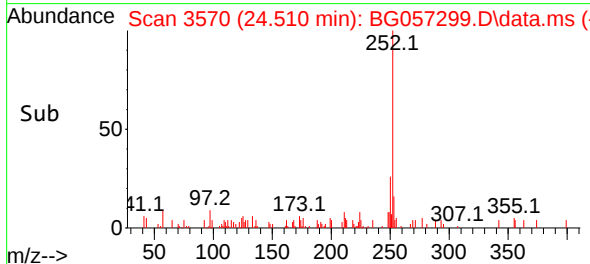
Instrument :
BNA_G
ClientSampleId :
EW931DL



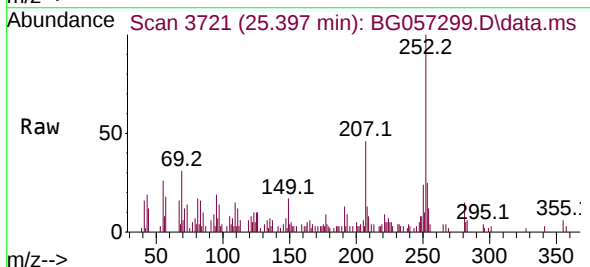
Tgt Ion:252 Resp: 1211
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 11.6 4.5 6.7

Manual Integrations
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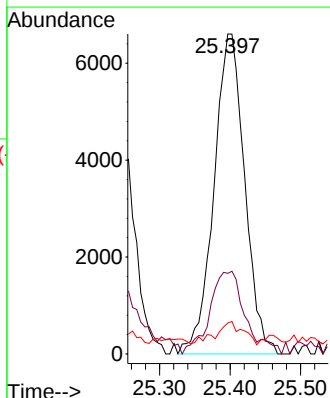
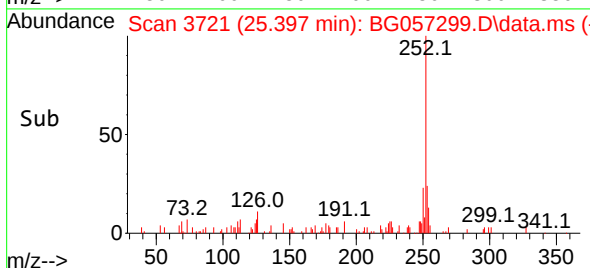
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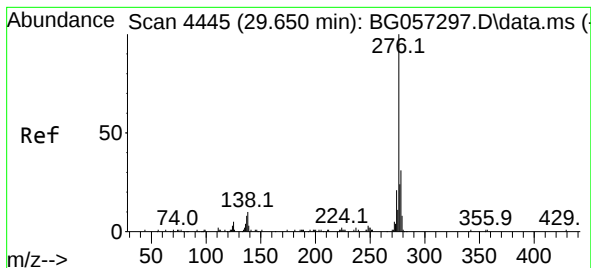


#93
Benzo(a)pyrene
Concen: 2.950 ng/ul m
RT: 25.397 min Scan# 3721
Delta R.T. -0.003 min
Lab File: BG057299.D
Acq: 4 May 2023 11:55



Tgt Ion:252 Resp: 20016
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 9.7 5.1 7.7





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.310 ng/ul m

RT: 29.620 min Scan# 4445

Delta R.T. -0.003 min

Lab File: BG057299.D

Acq: 4 May 2023 11:55

Instrument :

BNA_G

ClientSampleId :

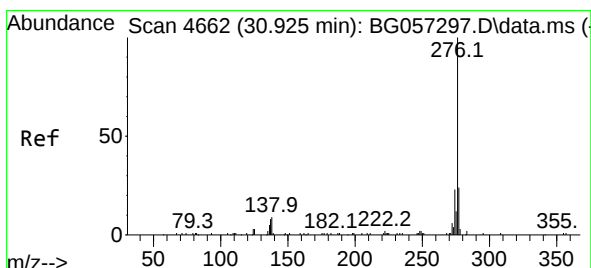
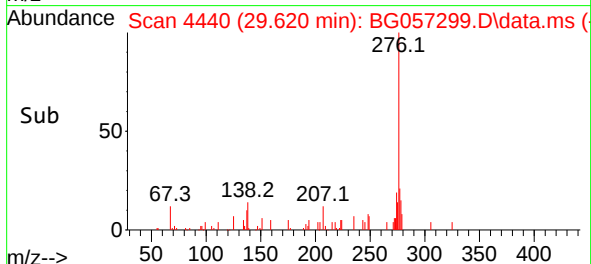
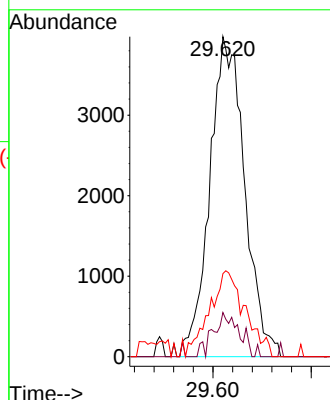
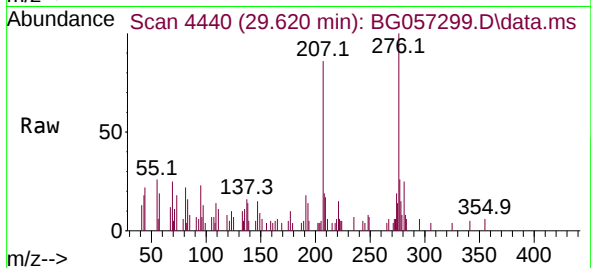
EW931DL

Tgt Ion:	276	Resp:	1958
Ion Ratio	Lower	Upper	
276	100		
138	13.8	9.4	14.2
277	26.0	18.6	28.0

Manual Integrations

APPROVED

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



#96

Benzo(g,h,i)perylene

Concen: 2.928 ng/ul

RT: 30.901 min Scan# 4658

Delta R.T. -0.009 min

Lab File: BG057299.D

Acq: 4 May 2023 11:55

Tgt Ion:	276	Resp:	20100
Ion Ratio	Lower	Upper	
276	100		
138	8.7	8.7	13.1#
277	25.5	18.4	27.6

