

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

12/06/2021
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	33049	20.000	ng/u1	0.00
20) Naphthalene-d8	11.026	136	135130	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.828	164	91131	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	174496	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.902	240	165070	20.000	ng/u1	# 0.02
88) Perylene-d12	25.321	264	169980	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	166	0.175	ng/uL	-0.01
4) Pyridine-d5	3.982	84	5995	2.148	ng/u1	0.00
7) Phenol-d5	7.360	99	15087	4.619	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	9634	4.696	ng/u1	0.00
11) 2-Chlorophenol-d4	7.724	132	8087	3.438	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	9611	3.646	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	8614	7.552	ng/u1	0.00
24) 2-Nitrophenol-d4	10.098	143	4304	3.345	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	8792	4.027	ng/u1	0.00
31) 4-Chloroaniline-d4	11.162	131	5646	1.767	ng/u1	0.00
46) Dimethylphthalate-d6	14.217	166	26305	3.751	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	36546	4.133	ng/u1	0.00
54) 4-Nitrophenol-d4	15.039	143	3574	3.149	ng/u1	0.00
60) Fluorene-d10	15.821	176	22706	3.596	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	2417	2.245	ng/u1	0.01
73) Anthracene-d10	17.683	188	33324	3.993	ng/u1	0.00
81) Pyrene-d10	19.969	212	37389	3.743	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.081	264	32987	3.634	ng/u1	0.04
Target Compounds						
					Qvalue	
8) Phenol	7.389	94	761731	225.114	ng/u1	92
13) 2-Methylphenol	8.641	108	119556	47.434	ng/u1	96
18) 4-Methylphenol	8.976	108	91233	33.851	ng/u1	90
26) 2,4-Dimethylphenol	10.186	107	77337m	28.381	ng/u1	
30) Naphthalene	11.097	128	3780393	514.150	ng/u1#	85
32) 4-Chloroaniline	11.185	127	33976	10.594	ng/u1	93
36) 2-Methylnaphthalene	12.677	142	1420599	284.051	ng/u1	99
37) 1-Methylnaphthalene	12.889	142	697159	135.494	ng/u1#	97
39) 1,2,4,5-Tetrachloroben...	13.030	216	13522	4.726	ng/u1#	90
43) 1,1'-Biphenyl	13.659	154	263694	38.741	ng/u1	98
52) Acenaphthene	14.892	153	130212	22.602	ng/u1	94
56) Dibenzofuran	15.227	168	222068	26.723	ng/u1	93
59) Diethylphthalate	15.621	149	116163m	15.592	ng/u1	
61) Fluorene	15.880	166	129031	19.385	ng/u1#	94
67) N-Nitrosodiphenylamine	16.073	169	113638	22.748	ng/u1#	75
72) Phenanthrene	17.630	178	257696	26.747	ng/u1#	94
74) Anthracene	17.724	178	13381	1.398	ng/u1#	41
77) Carbazole	17.989	167	15225	1.813	ng/u1#	27
78) Di-n-butylphthalate	18.518	149	849071	78.402	ng/u1	97
80) Fluoranthene	19.628	202	40459	3.298	ng/u1#	44
82) Pyrene	19.998	202	48320	4.027	ng/u1#	92
83) Butylbenzylphthalate	20.921	149	9646844m	1933.687	ng/u1	
86) Bis(2-ethylhexyl)phtha...	21.773	149	11007172m	1533.272	ng/u1	
87) Chrysene	21.949	228	11826	1.100	ng/u1#	62

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Di-n-octyl phthalate	23.012	149	3415259	277.337	ng/ul	100

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

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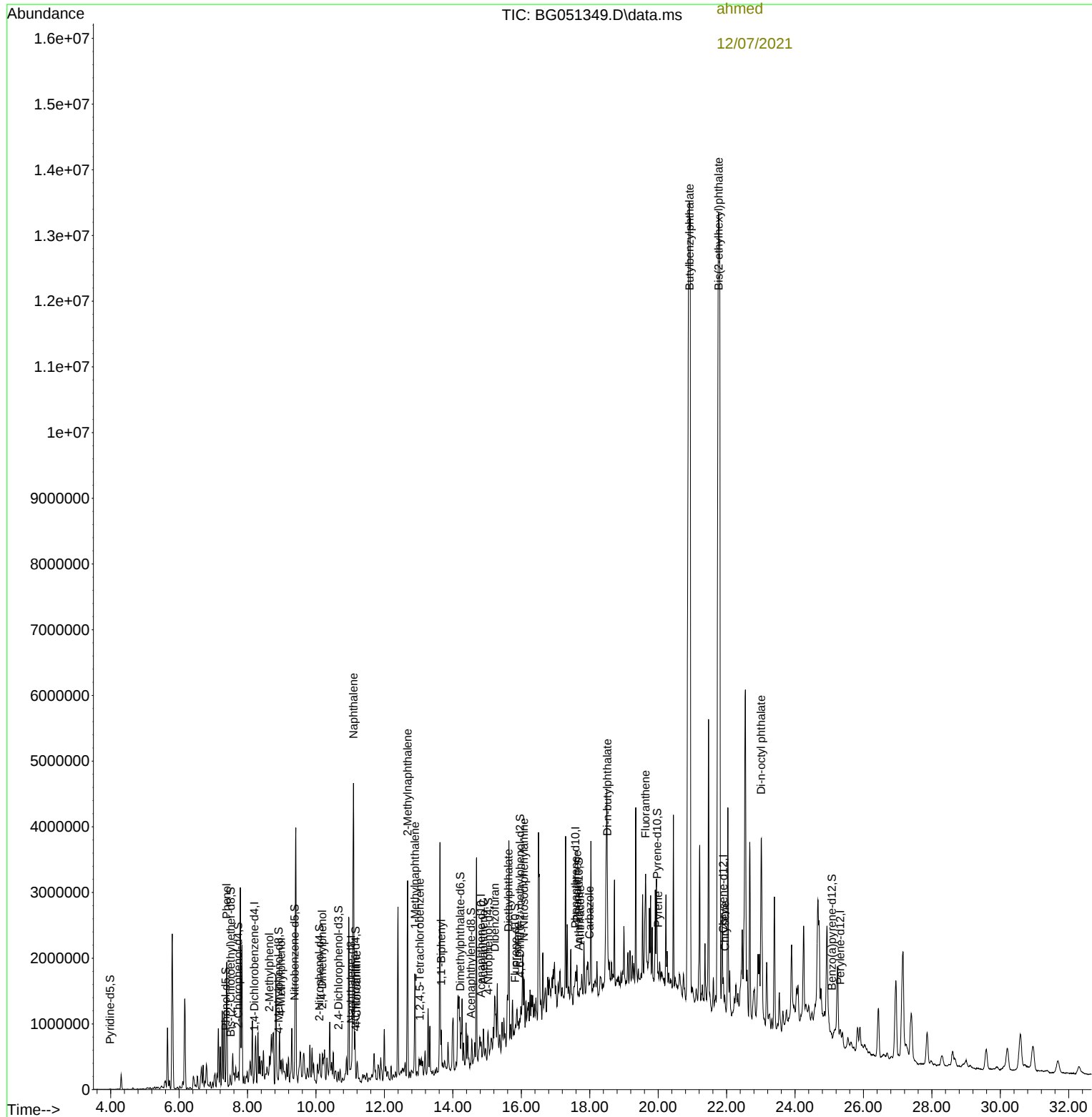
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
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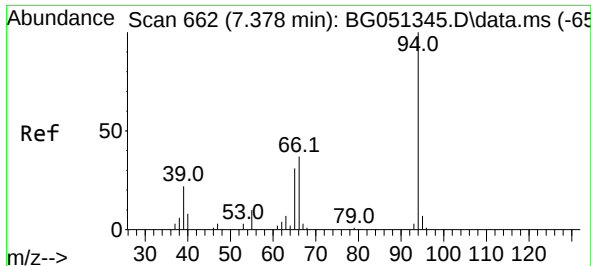
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#8
Phenol
Concen: 225.114 ng/ul
RT: 7.389 min Scan# 662
Delta R.T. 0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1

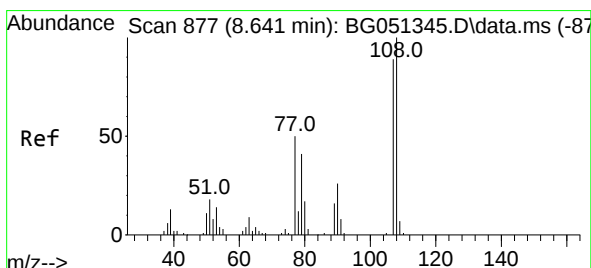
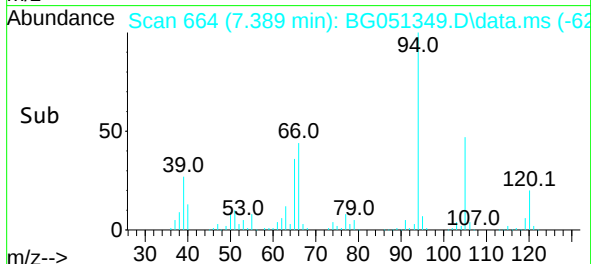
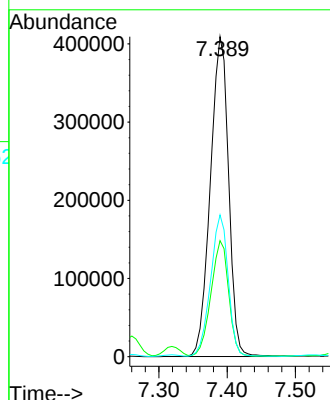
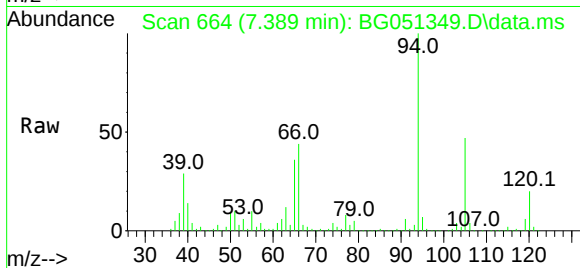
Tgt Ion: 94 Resp: 76173
Ion Ratio Lower Upper
94 100
65 36.3 25.1 37.7
66 44.3 31.6 47.4

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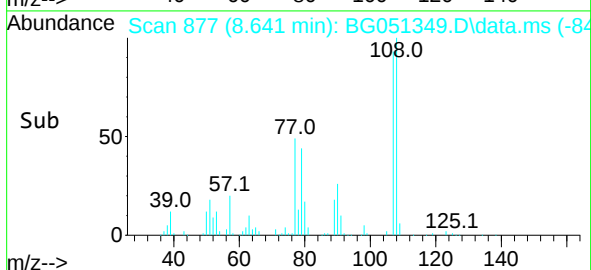
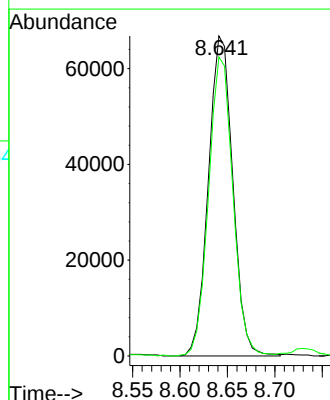
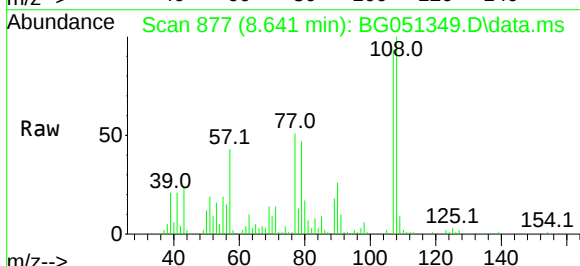
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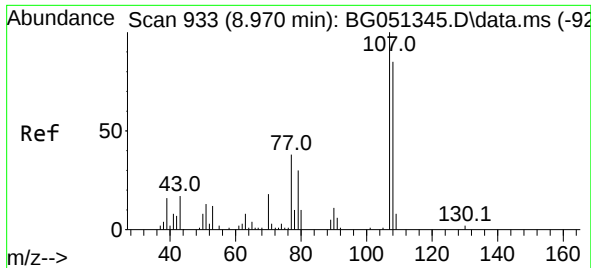
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#13
2-Methylphenol
Concen: 47.434 ng/ul
RT: 8.641 min Scan# 877
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Tgt Ion:108 Resp: 119556
Ion Ratio Lower Upper
108 100
107 93.4 71.8 107.6





#18
4-Methylphenol
Concen: 33.851 ng/ul
RT: 8.976 min Scan# 9123
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :

BNA_G

ClientSampleId :

BGKQ1

Tgt Ion:108 Resp: 9123
Ion Ratio Lower Upper
108 100
107 107.8 95.0 142.4

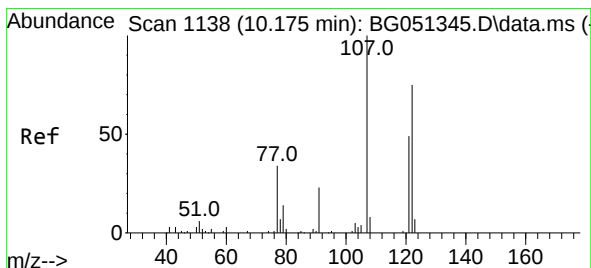
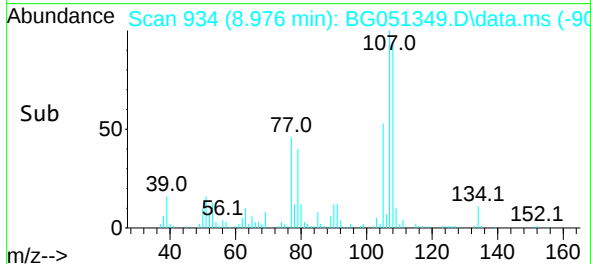
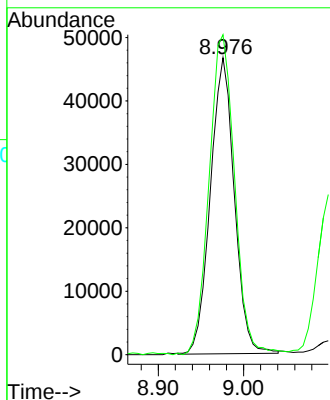
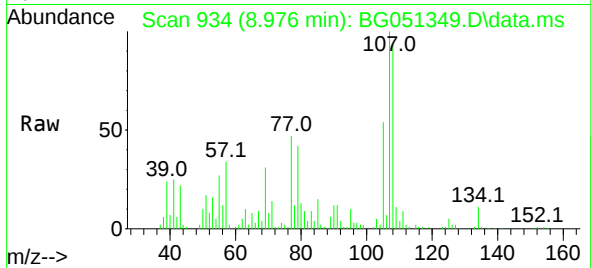
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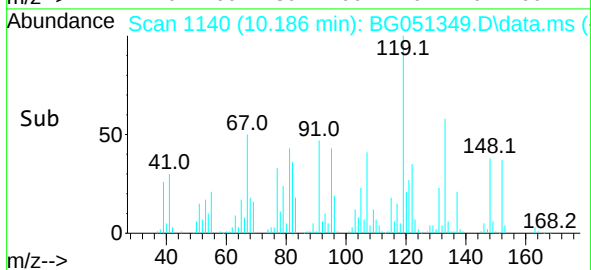
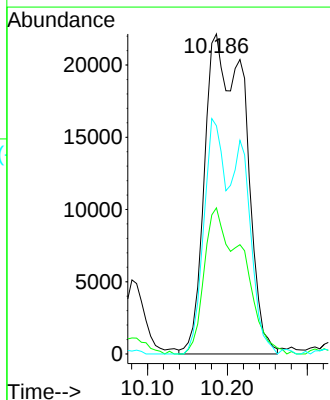
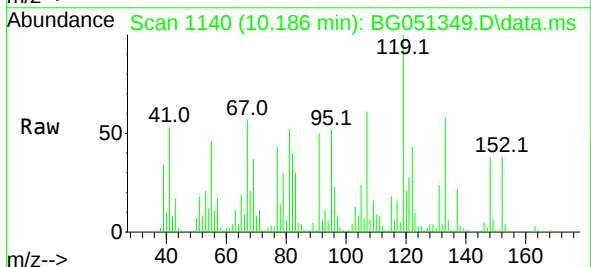
Supervised By :mohammad
ahmed

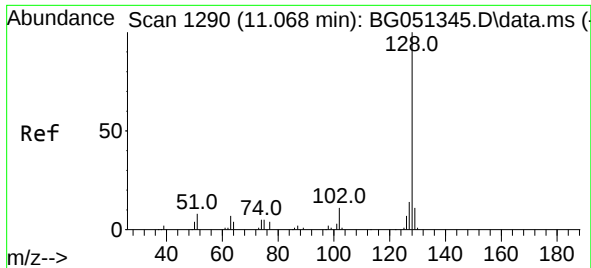
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#26
2,4-Dimethylphenol
Concen: 28.381 ng/ul m
RT: 10.186 min Scan# 1140
Delta R.T. 0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

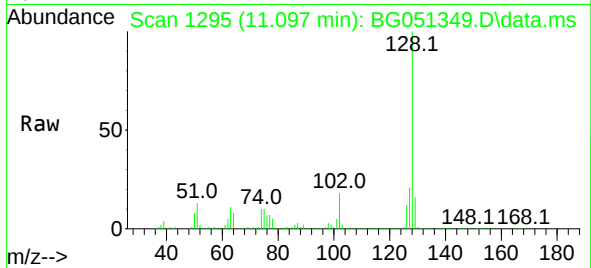
Tgt Ion:107 Resp: 77337
Ion Ratio Lower Upper
107 100
121 45.6 39.3 58.9
122 71.3 63.7 95.5





#30
Naphthalene
Concen: 514.150 ng/ul
RT: 11.097 min Scan# 11097
Delta R.T. 0.021 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
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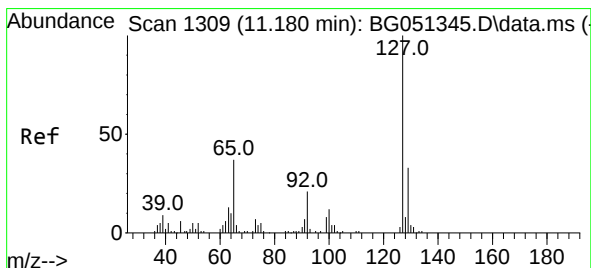
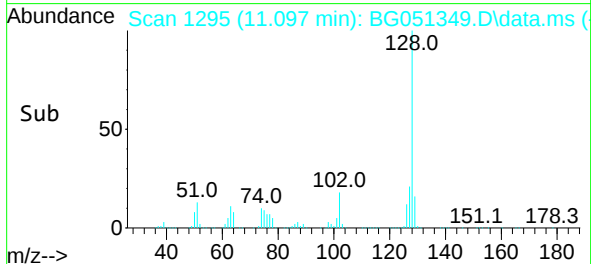
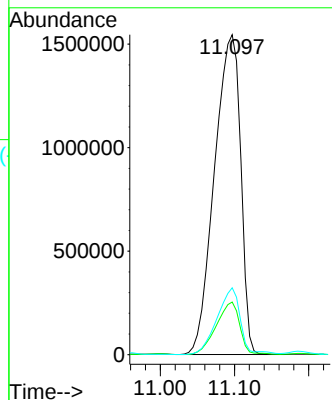
Tgt Ion:128 Resp: 378039
Ion Ratio Lower Upper
128 100
129 16.5 8.5 12.7
127 20.9 11.8 17.6

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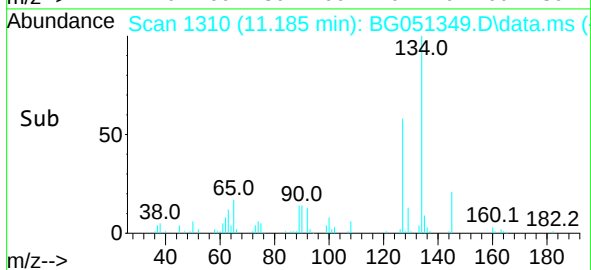
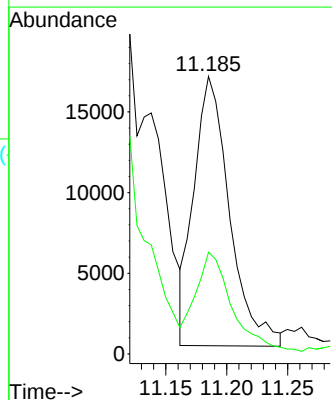
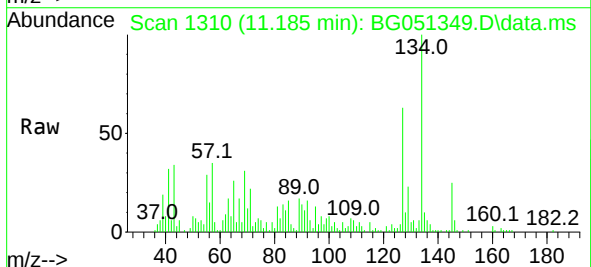
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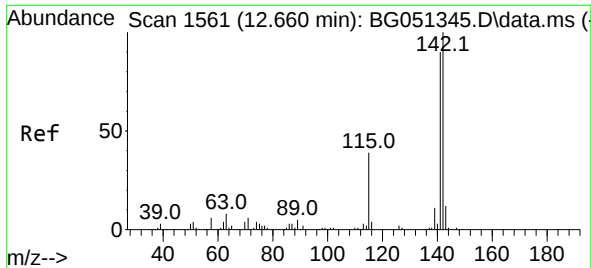
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#32
4-Chloroaniline
Concen: 10.594 ng/ul
RT: 11.185 min Scan# 1310
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Tgt Ion:127 Resp: 33976
Ion Ratio Lower Upper
127 100
129 36.7 26.2 39.2





#36
2-Methylnaphthalene
Concen: 284.051 ng/ul
RT: 12.677 min Scan# 1
Delta R.T. 0.009 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1

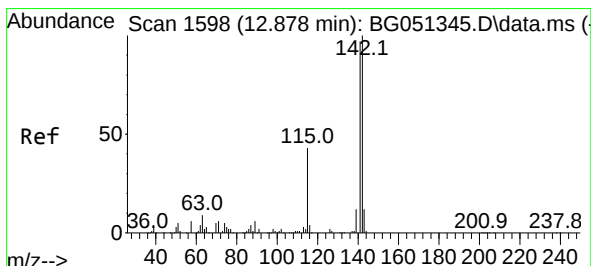
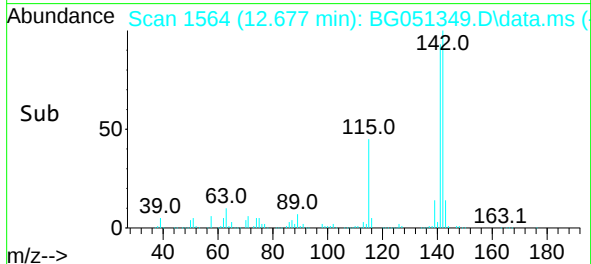
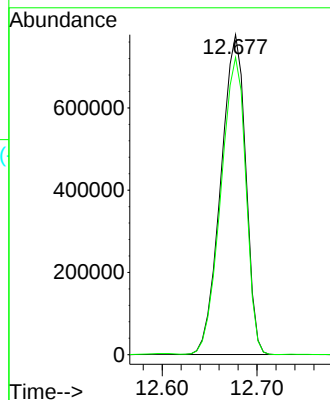
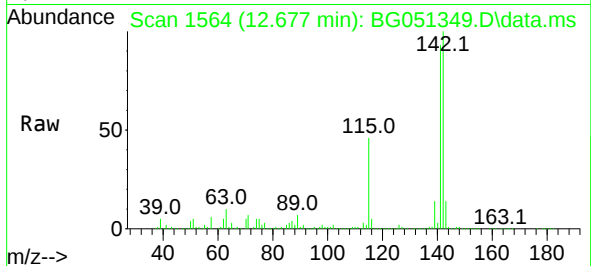
Tgt Ion:142 Resp: 142059
Ion Ratio Lower Upper
142 100
141 92.9 73.3 109.9

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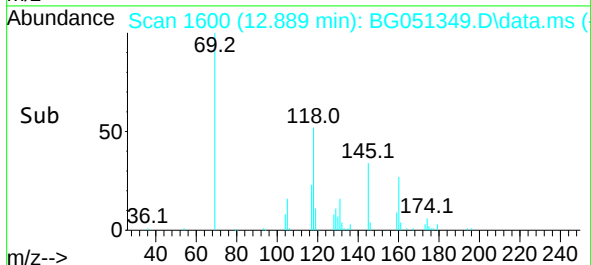
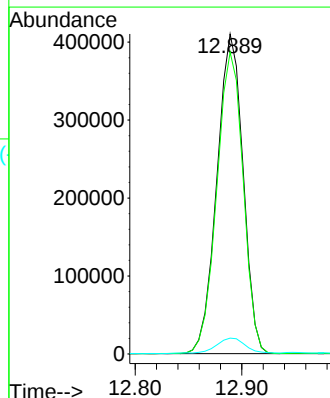
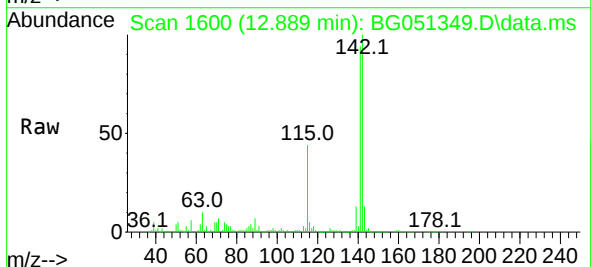
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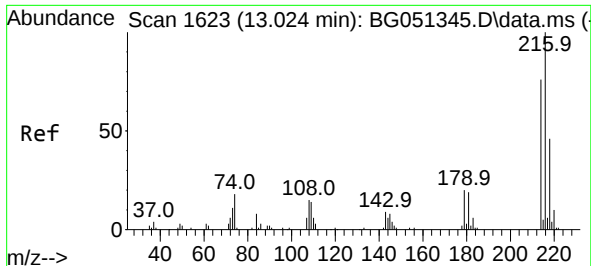
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#37
1-Methylnaphthalene
Concen: 135.494 ng/ul
RT: 12.889 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

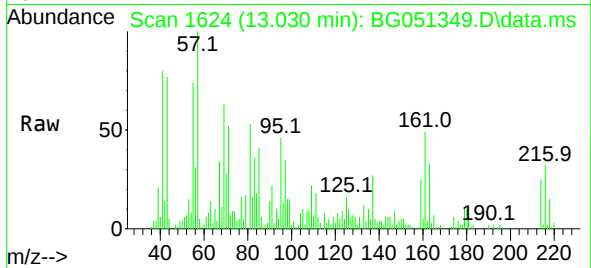
Tgt Ion:142 Resp: 697159
Ion Ratio Lower Upper
142 100
141 94.3 77.8 116.8
116 4.9 3.3 4.9#





#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.726 ng/ul
RT: 13.030 min Scan# 1624
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

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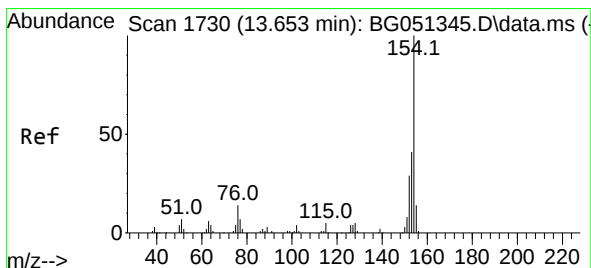
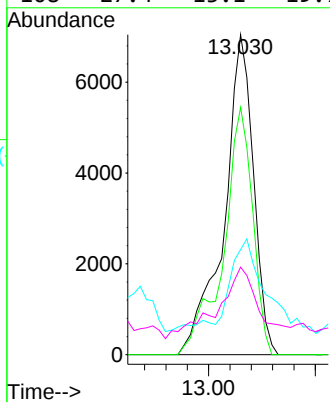
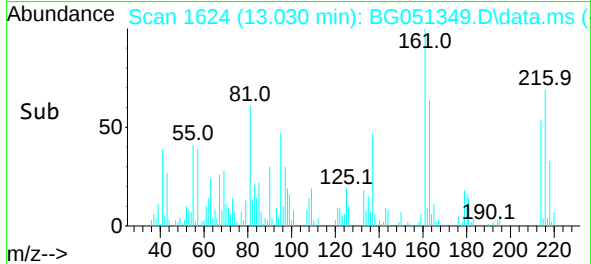
Tgt Ion:216 Resp: 1352
Ion Ratio Lower Upper
216 100
214 77.3 61.0 91.4
179 32.9 16.2 24.2
108 27.4 13.1 19.7

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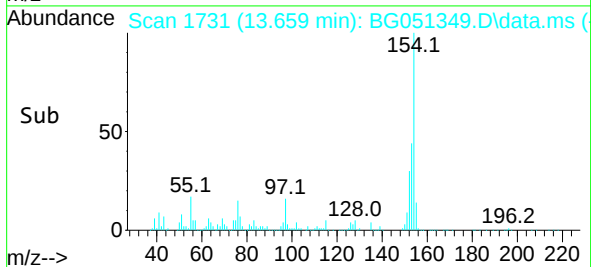
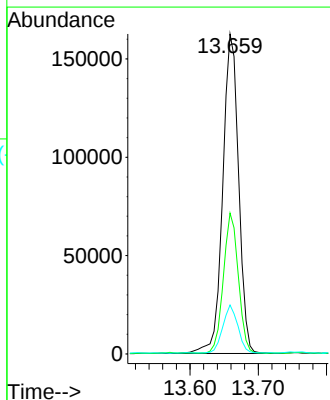
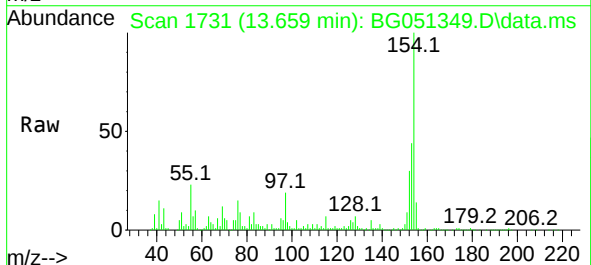
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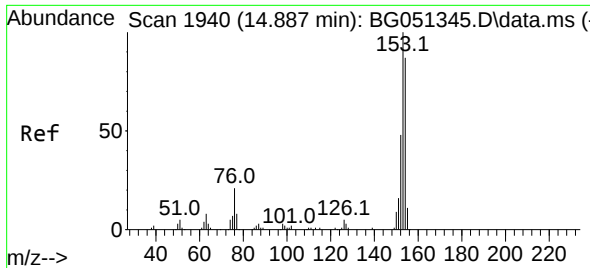
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#43
1,1'-Biphenyl
Concen: 38.741 ng/ul
RT: 13.659 min Scan# 1731
Delta R.T. -0.009 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Tgt Ion:154 Resp: 263694
Ion Ratio Lower Upper
154 100
153 44.0 34.5 51.7
76 15.3 13.1 19.7





#52
Acenaphthene
Concen: 22.602 ng/u1
RT: 14.892 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
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ClientSampleId :
BGKQ1

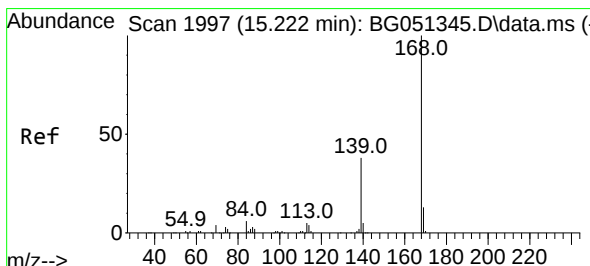
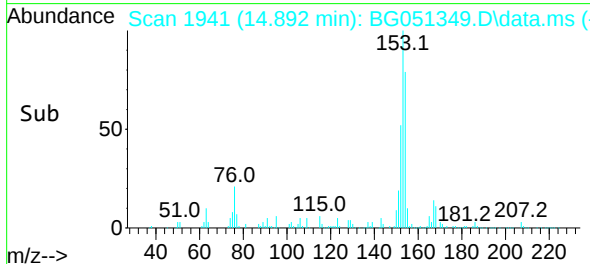
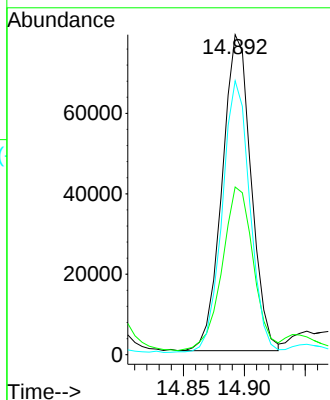
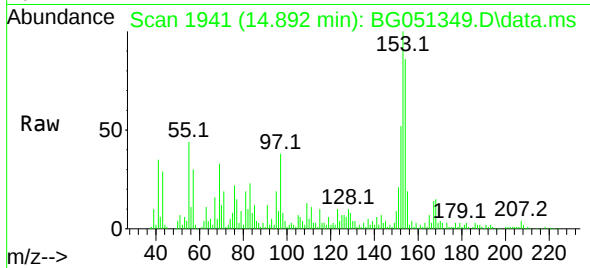
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Ion Ratio Lower Upper
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152 52.4 36.5 54.7
154 85.6 65.8 98.6

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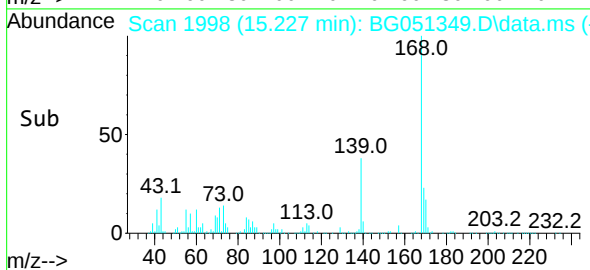
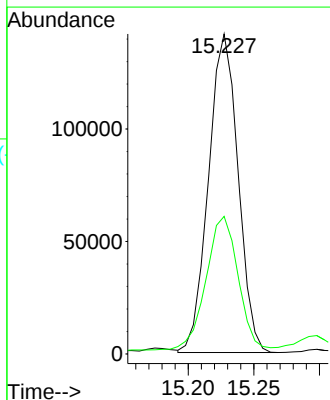
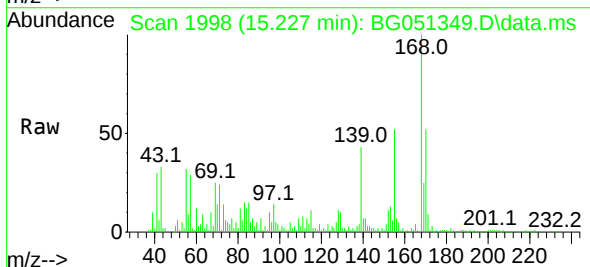
12/06/2021
Supervised By :mohammad
ahmed

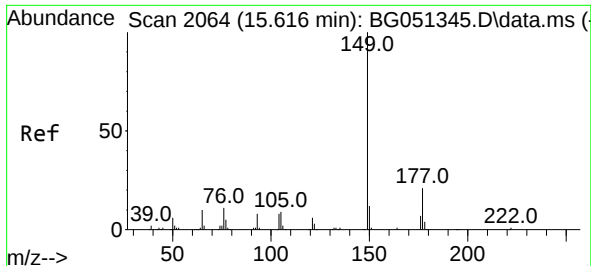
12/07/2021



#56
Dibenzofuran
Concen: 26.723 ng/u1
RT: 15.227 min Scan# 1998
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Tgt Ion:168 Resp: 222068
Ion Ratio Lower Upper
168 100
139 43.0 31.2 46.8





#59
Diethylphthalate
Concen: 15.592 ng/ul m
RT: 15.621 min Scan# 2065
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1

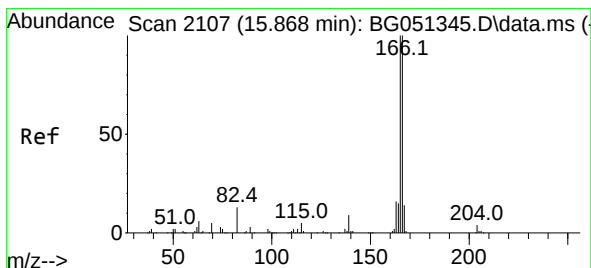
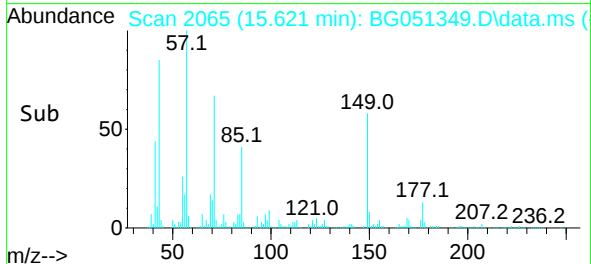
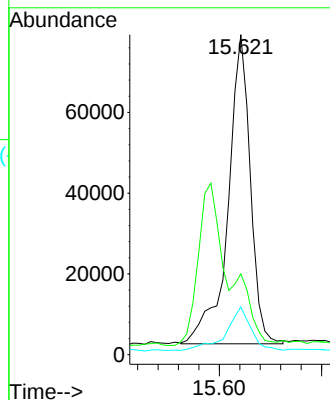
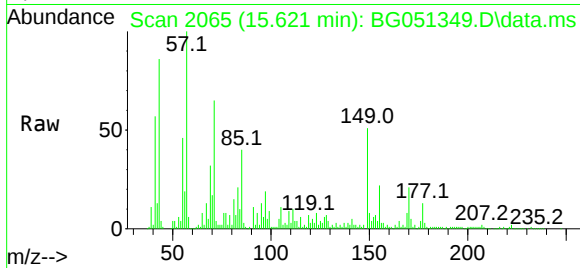
Tgt Ion:149 Resp: 11616
Ion Ratio Lower Upper
149 100
177 25.3 16.8 25.2
150 14.9 10.1 15.1

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

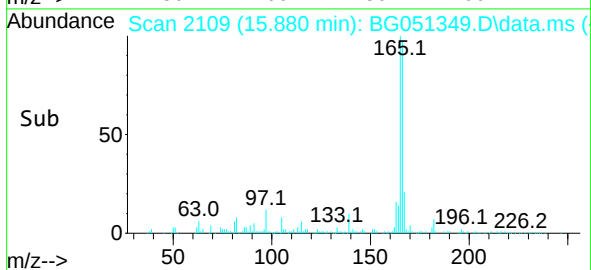
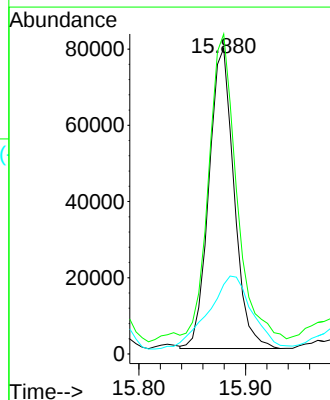
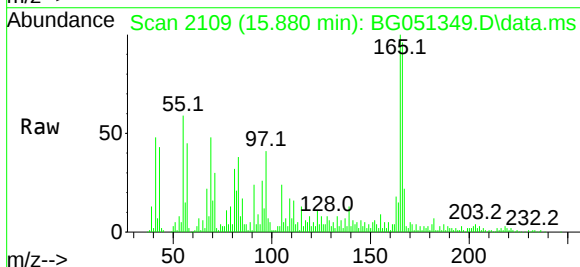
12/06/2021
Supervised By :mohammad
ahmed

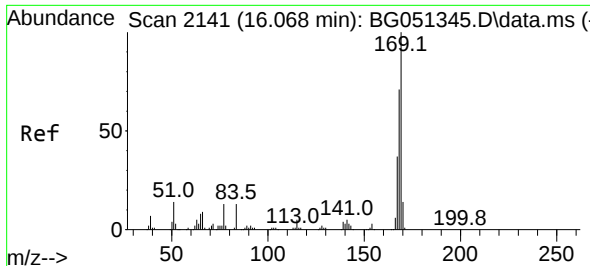
12/07/2021



#61
Fluorene
Concen: 19.385 ng/ul
RT: 15.880 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

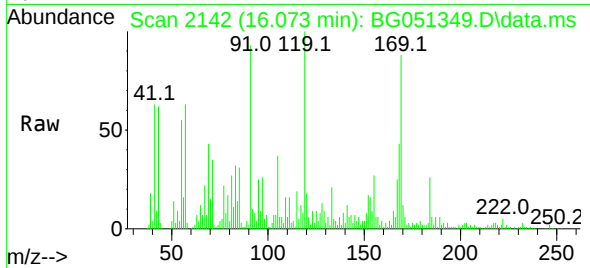
Tgt Ion:166 Resp: 129031
Ion Ratio Lower Upper
166 100
165 104.7 81.0 121.6
167 22.7 11.0 16.4





#67
N-Nitrosodiphenylamine
Concen: 22.748 ng/ul
RT: 16.073 min Scan# 2141
Delta R.T. -0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1



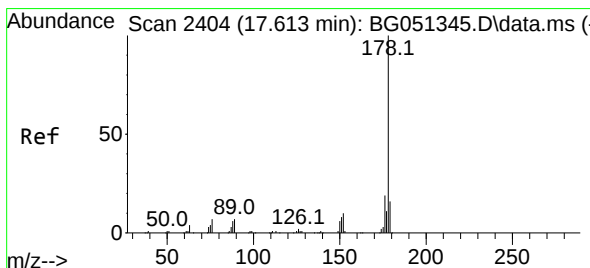
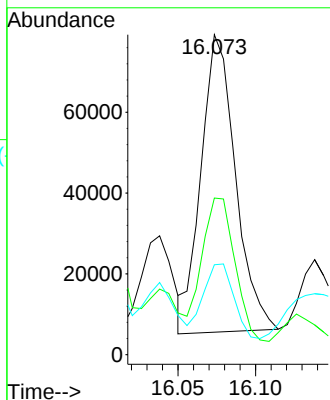
Tgt Ion:169 Resp: 113638
Ion Ratio Lower Upper
169 100
168 48.9 58.5 87.7
167 28.1 31.3 46.9

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

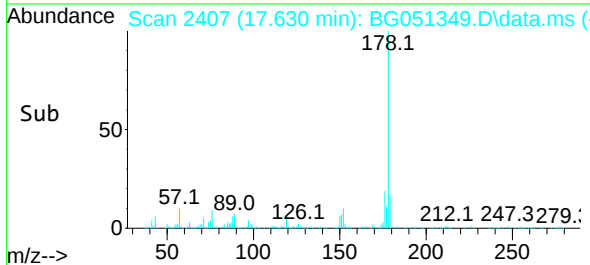
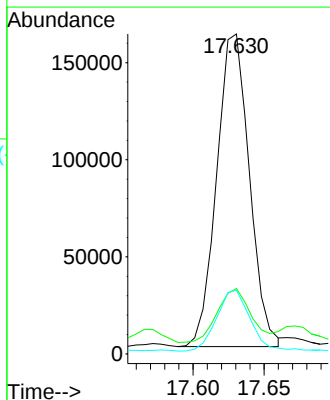
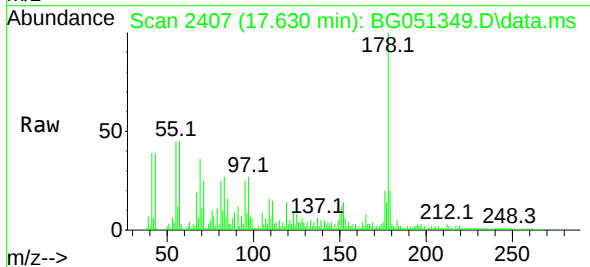
12/06/2021
Supervised By :mohammad
ahmed

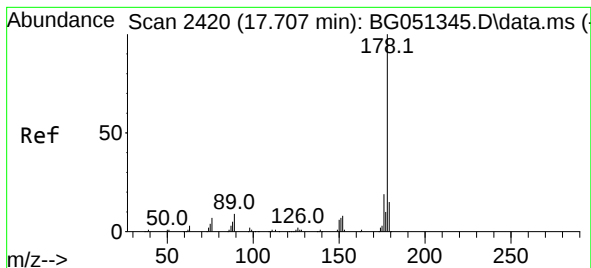
12/07/2021



#72
Phenanthrene
Concen: 26.747 ng/ul
RT: 17.630 min Scan# 2407
Delta R.T. 0.009 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Tgt Ion:178 Resp: 257696
Ion Ratio Lower Upper
178 100
179 20.4 12.3 18.5
176 20.0 15.5 23.3





#74

Anthracene

Concen: 1.398 ng/ul

RT: 17.724 min Scan# 2420

Delta R.T. 0.009 min

Lab File: BG051349.D

Acq: 6 Dec 2021 14:04

Instrument :

BNA_G

ClientSampleId :

BGKQ1

Tgt Ion:178 Resp: 1338
 Ion Ratio Lower Upper
 178 100
 179 64.9 13.0 19.6
 176 25.7 15.6 23.4

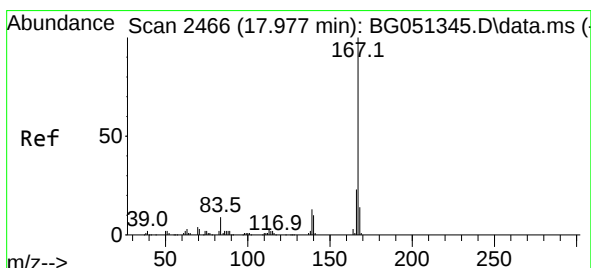
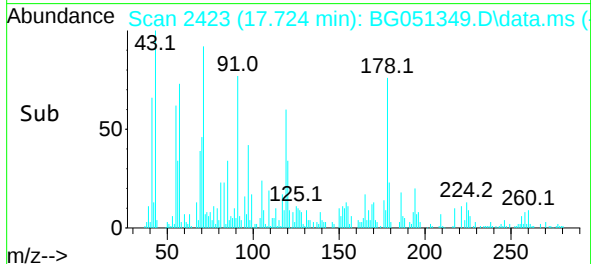
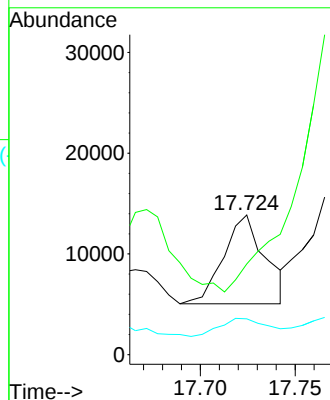
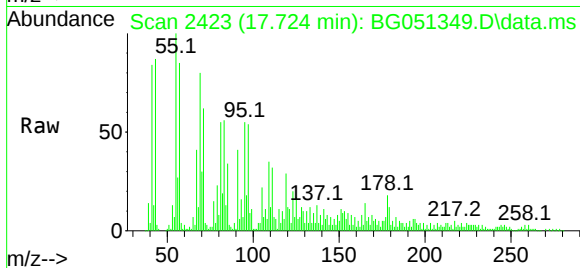
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad
 ahmed

12/07/2021



#77

Carbazole

Concen: 1.813 ng/ul

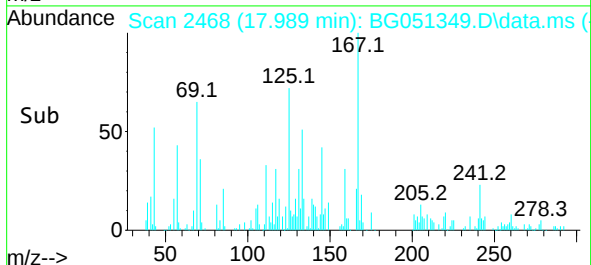
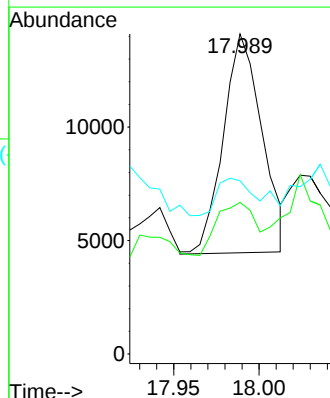
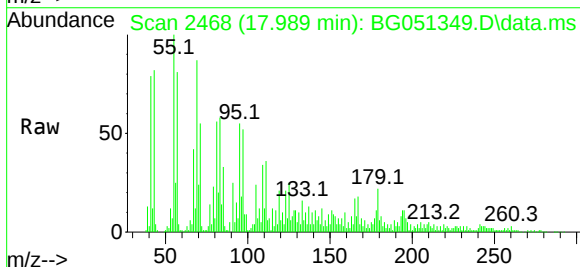
RT: 17.989 min Scan# 2468

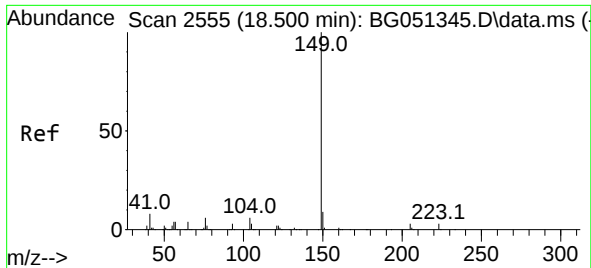
Delta R.T. 0.003 min

Lab File: BG051349.D

Acq: 6 Dec 2021 14:04

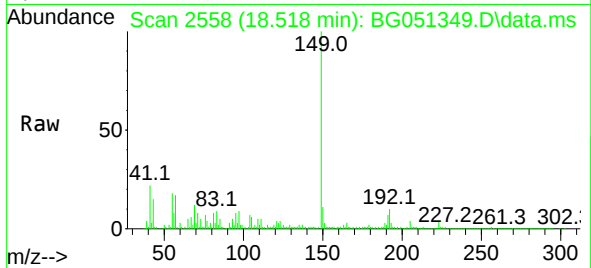
Tgt Ion:167 Resp: 15225
 Ion Ratio Lower Upper
 167 100
 166 47.4 17.3 25.9#
 139 54.1 10.6 16.0#





#78
Di-n-butylphthalate
Concen: 78.402 ng/ul
RT: 18.518 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1



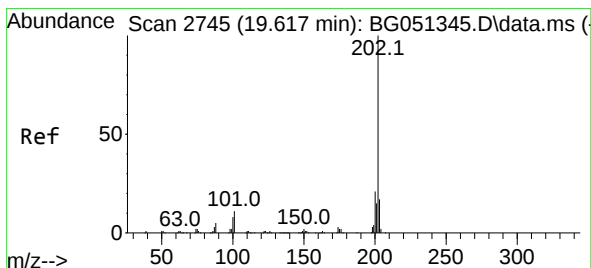
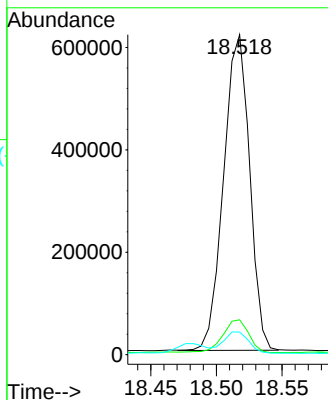
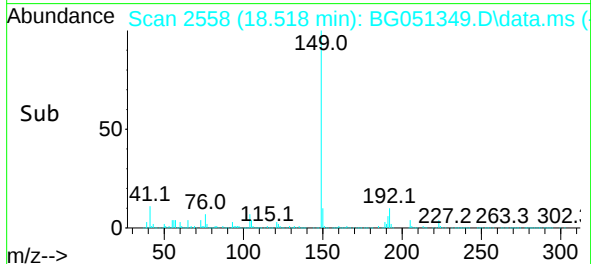
Tgt Ion:149 Resp: 84907
Ion Ratio Lower Upper
149 100
150 10.9 7.5 11.3
104 7.0 5.0 7.6

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Reviewed By :Jagrut
Upadhyay

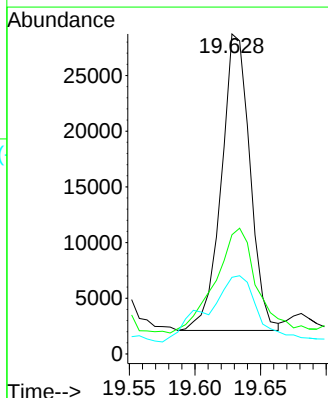
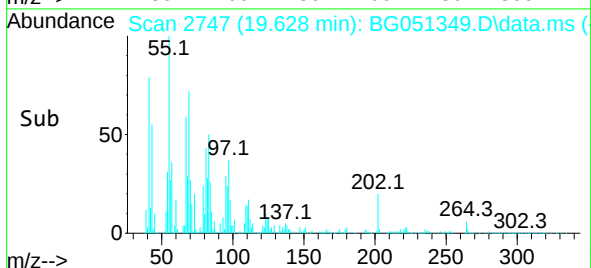
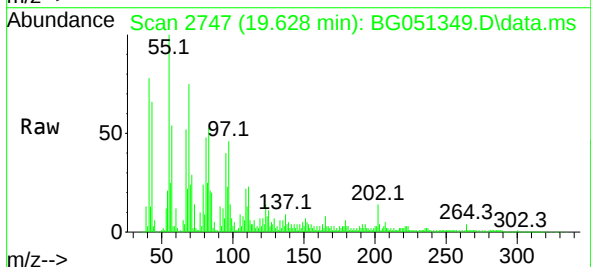
12/06/2021
Supervised By :mohammad
ahmed

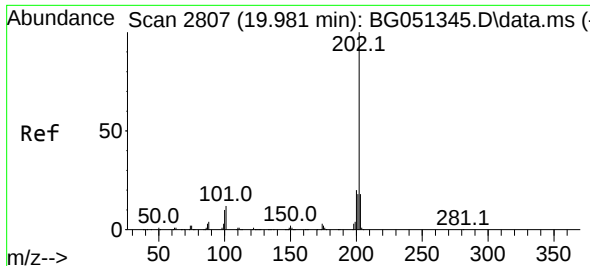
12/07/2021



#80
Fluoranthene
Concen: 3.298 ng/ul
RT: 19.628 min Scan# 2747
Delta R.T. 0.003 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

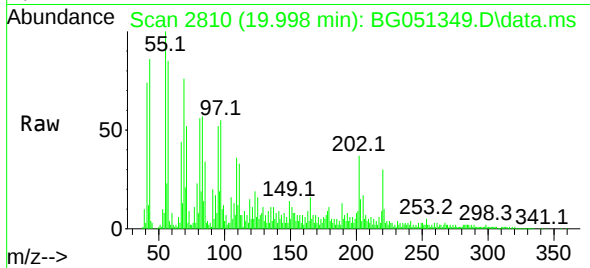
Tgt Ion:202 Resp: 40459
Ion Ratio Lower Upper
202 100
101 37.3 9.3 13.9#
100 23.9 7.0 10.6#





#82
Pyrene
Concen: 4.027 ng/ul
RT: 19.998 min Scan# 2807
Delta R.T. 0.009 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1



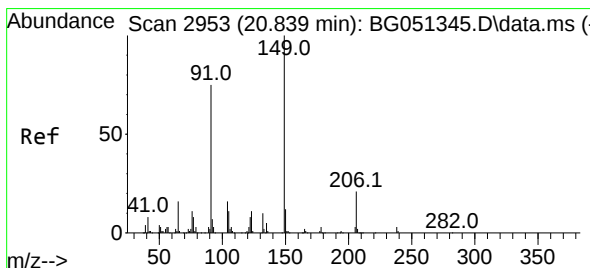
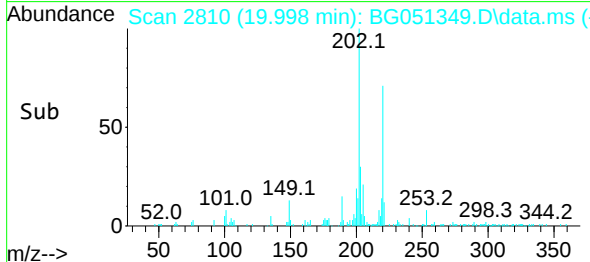
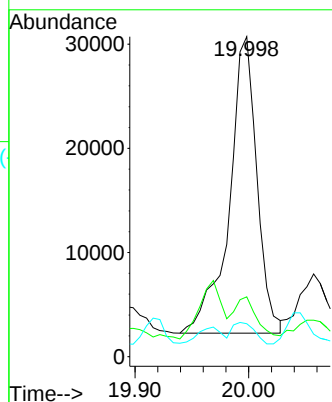
Tgt Ion:202 Resp: 48320
Ion Ratio Lower Upper
202 100
101 18.7 10.7 16.1
100 10.3 9.0 13.6

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Upadhyay

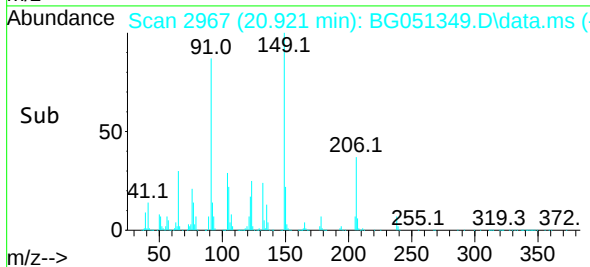
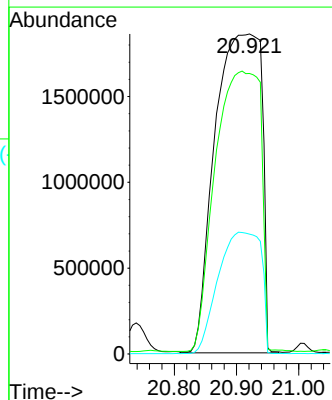
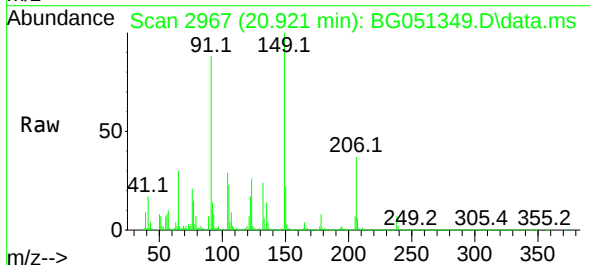
12/06/2021
Supervised By :mohammad
ahmed

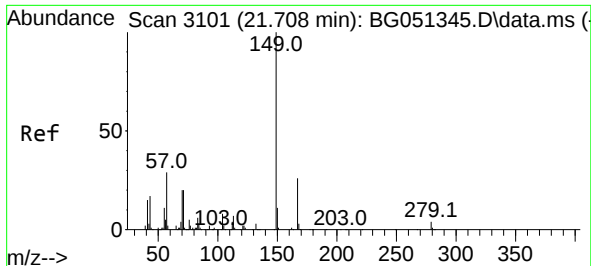
12/07/2021



#83
Butylbenzylphthalate
Concen: 1933.687 ng/ul m
RT: 20.921 min Scan# 2967
Delta R.T. 0.074 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

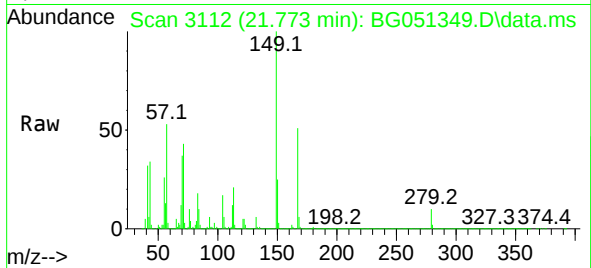
Tgt Ion:149 Resp: 9646844
Ion Ratio Lower Upper
149 100
91 87.6 65.2 97.8
206 37.4 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 1533.272 ng/ul m
RT: 21.773 min Scan# 3112
Delta R.T. 0.050 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1



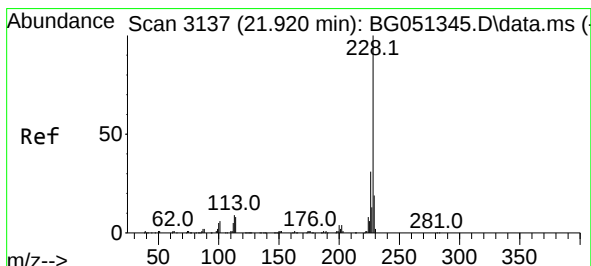
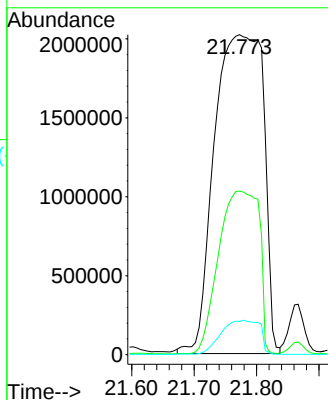
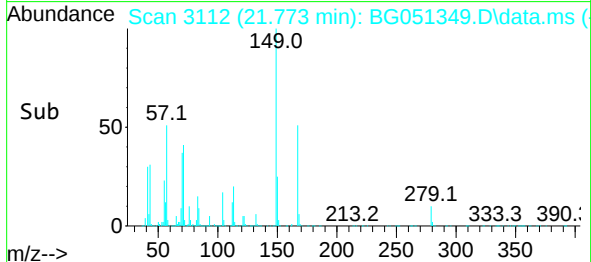
Tgt Ion:149 Resp:1100717
Ion Ratio Lower Upper
149 100
167 51.1 21.1 31.7
279 10.4 2.7 4.1

Manual Integrations
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Upadhyay

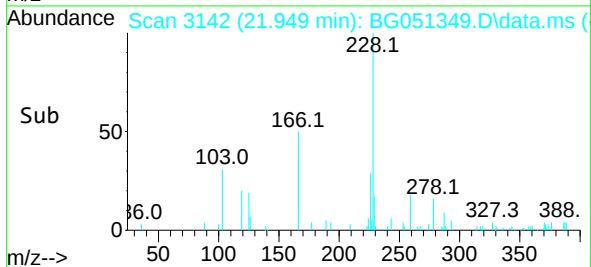
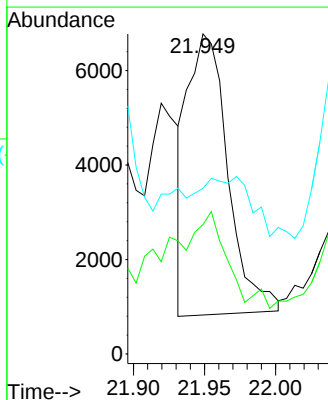
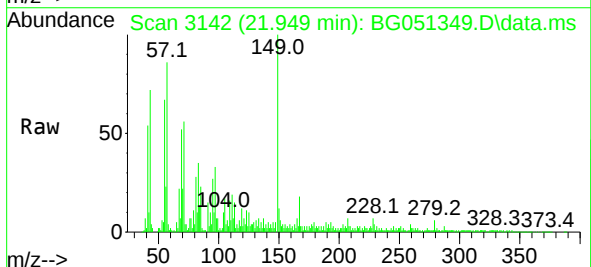
12/06/2021
Supervised By :mohammad
ahmed

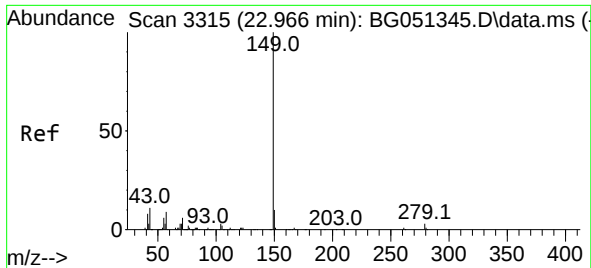
12/07/2021



#87
Chrysene
Concen: 1.100 ng/ul
RT: 21.949 min Scan# 3142
Delta R.T. 0.015 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Tgt Ion:228 Resp: 11826
Ion Ratio Lower Upper
228 100
226 40.4 24.8 37.2#
229 51.8 15.8 23.6#





#89
Di-n-octyl phthalate
Concen: 277.337 ng/ul
RT: 23.012 min Scan# 31
Delta R.T. 0.027 min
Lab File: BG051349.D
Acq: 6 Dec 2021 14:04

Instrument :
BNA_G
ClientSampleId :
BGKQ1

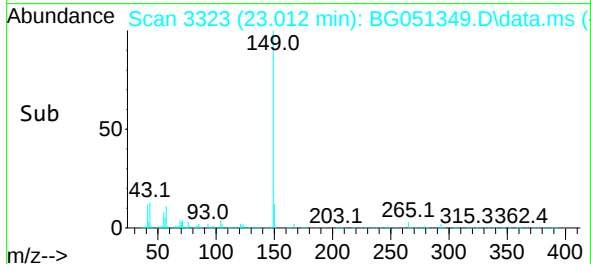
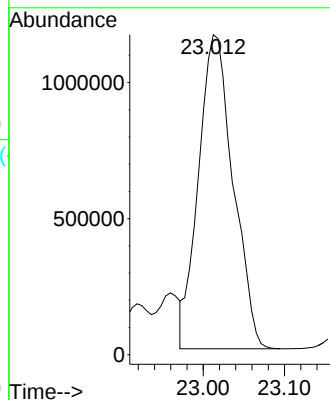
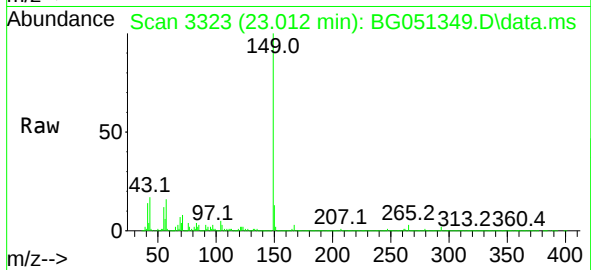
Tgt Ion:149 Resp: 341525

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Reviewed By :Jagrut
Upadhyay

12/06/2021
Supervised By :mohammad
ahmed

12/07/2021



(LSC Reviewed)

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\  
Data File : BG051349.D  
Acq On    : 6 Dec 2021 14:04  
Operator  : CG/JU  
Sample    : M4942-03 5X  
Misc      :  
ALS Vial  : 6 Sample Multiplier: 1
```

BNA G

ClientSampleId :
BGKQ1

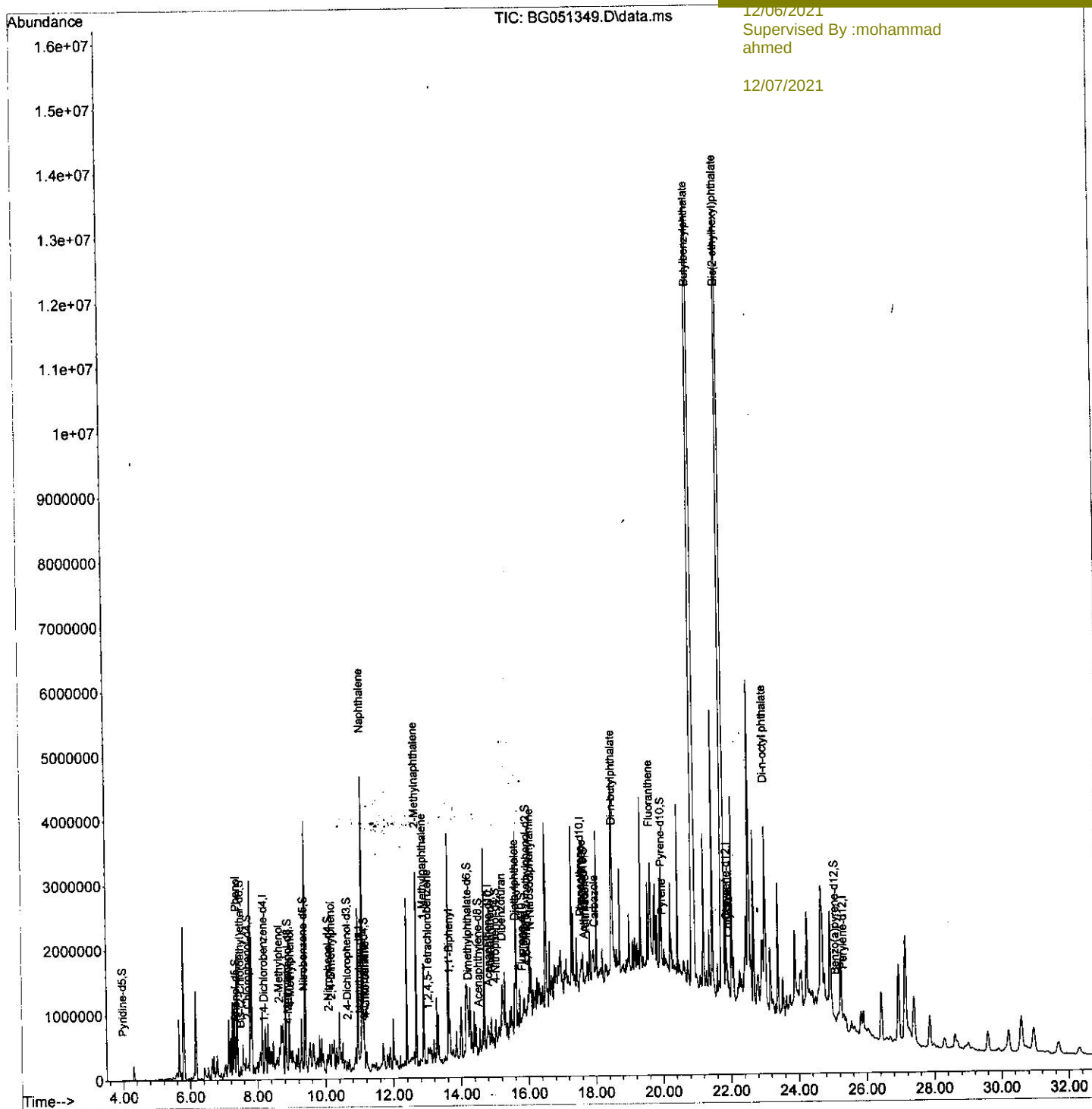
Quant Time: Dec 06 14:53:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 03 15:23:09 2021
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

12/06/2021
Supervised By :mohammad
ahmed

12/07/2021



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

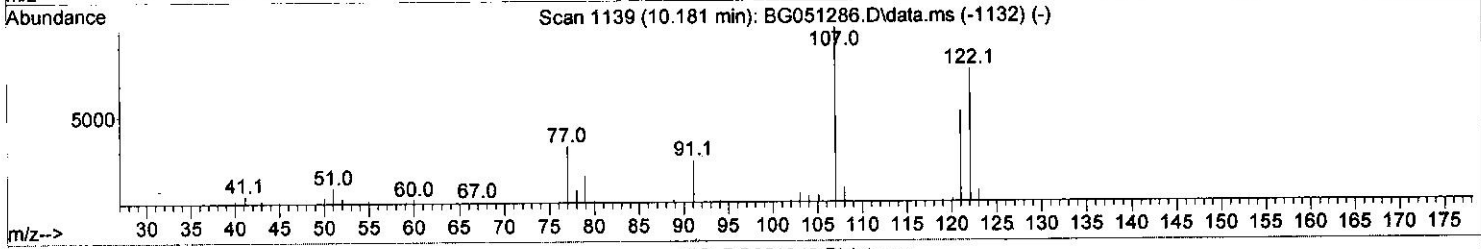
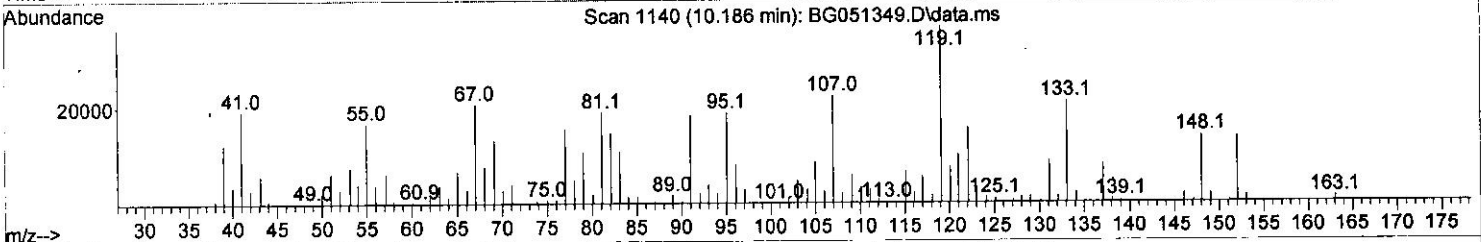
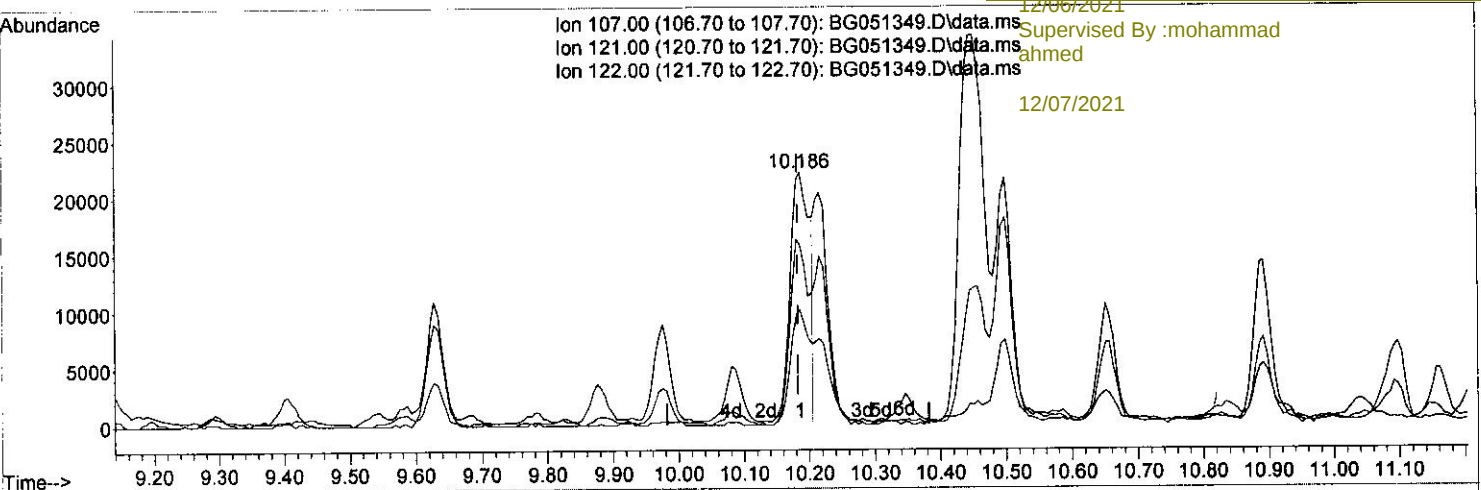
Instrument :
 BNA_G
 Client Sampled :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

12/06/2021
 Supervised By :mohammad
 ahmed
 12/07/2021



TIC: BG051349.D\data.ms

(26) 2,4-Dimethylphenol

10.186min (+ 0.003) 16.92 ng/ul

response 46100

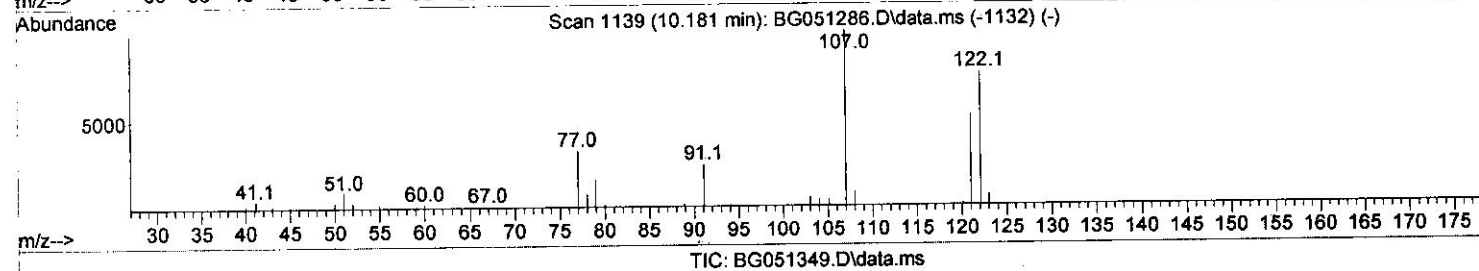
Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	45.63
122.00	79.60	71.31
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051349.D
Acq On    : 6 Dec 2021 14:04
Operator  : CG/JU
Sample    : M4942-03 5X
Misc      :
ALS Vial  : 6 Sample Multiplier: 1
```

Manual Integrations

12/06/2021
Supervised By :mohammad
ahmed

12/07/2021



Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.10	45.63
122.00	79.60	71.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations

APPROVED

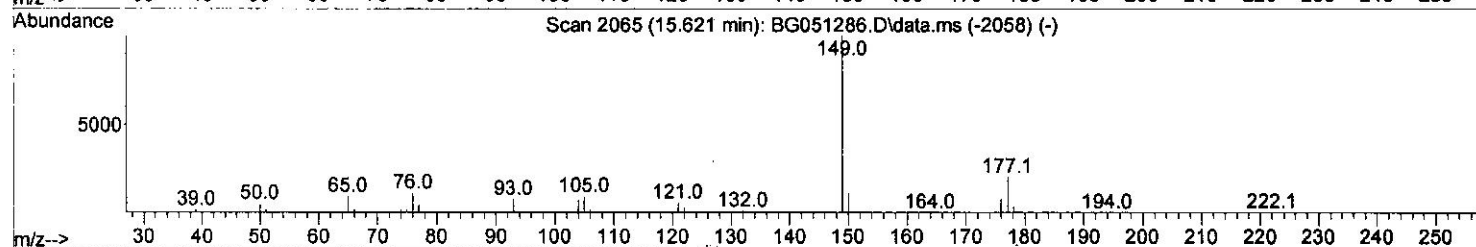
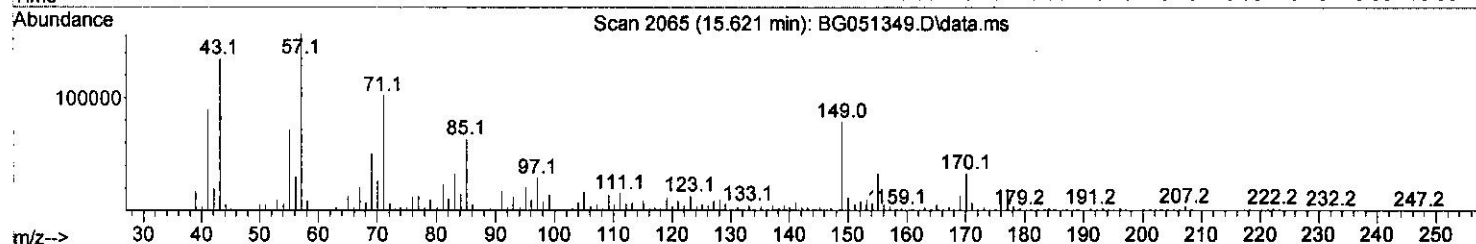
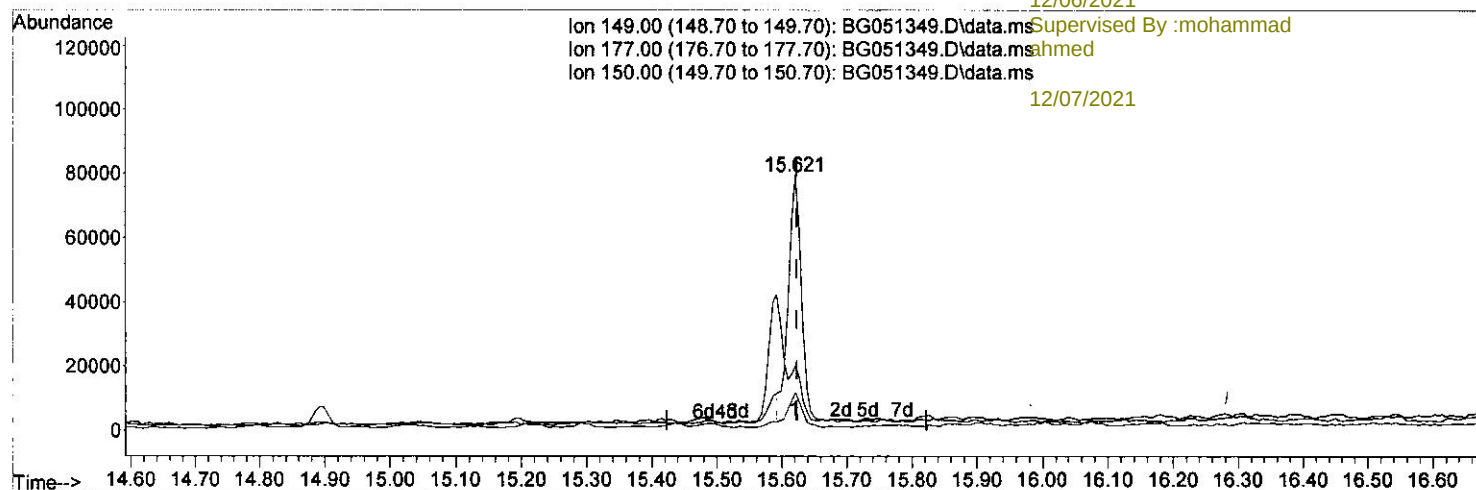
Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad
 ahmed

12/07/2021

Ion 149.00 (148.70 to 149.70): BG051349.D\data.ms
 Ion 177.00 (176.70 to 177.70): BG051349.D\data.ms
 Ion 150.00 (149.70 to 150.70): BG051349.D\data.ms



TIC: BG051349.D\data.ms

(59) Diethylphthalate

15.621min (-0.003) 14.07 ng/ul

response 104804

Ion	Exp%	Act%
149.00	100.00	100.00
177.00	21.00	25.26#
150.00	12.60	14.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

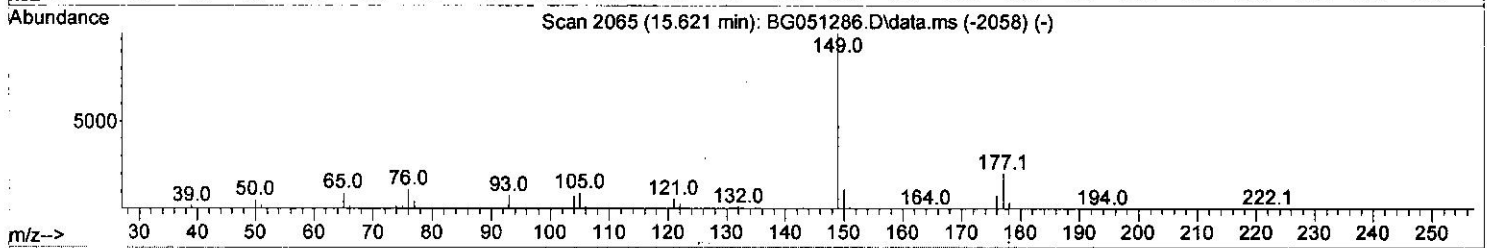
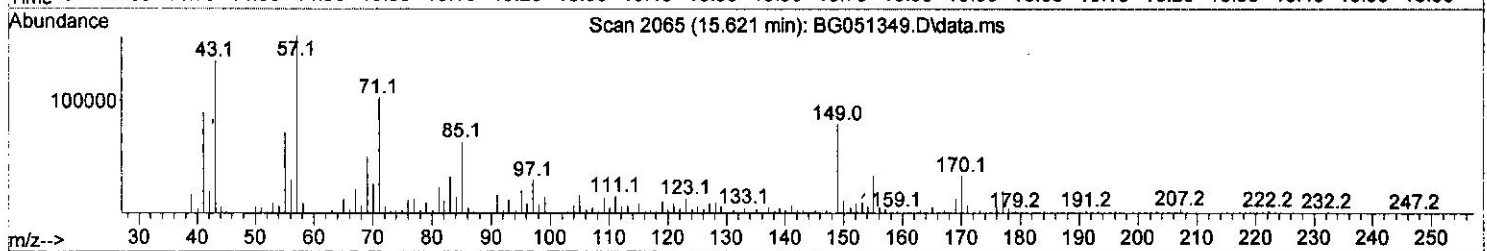
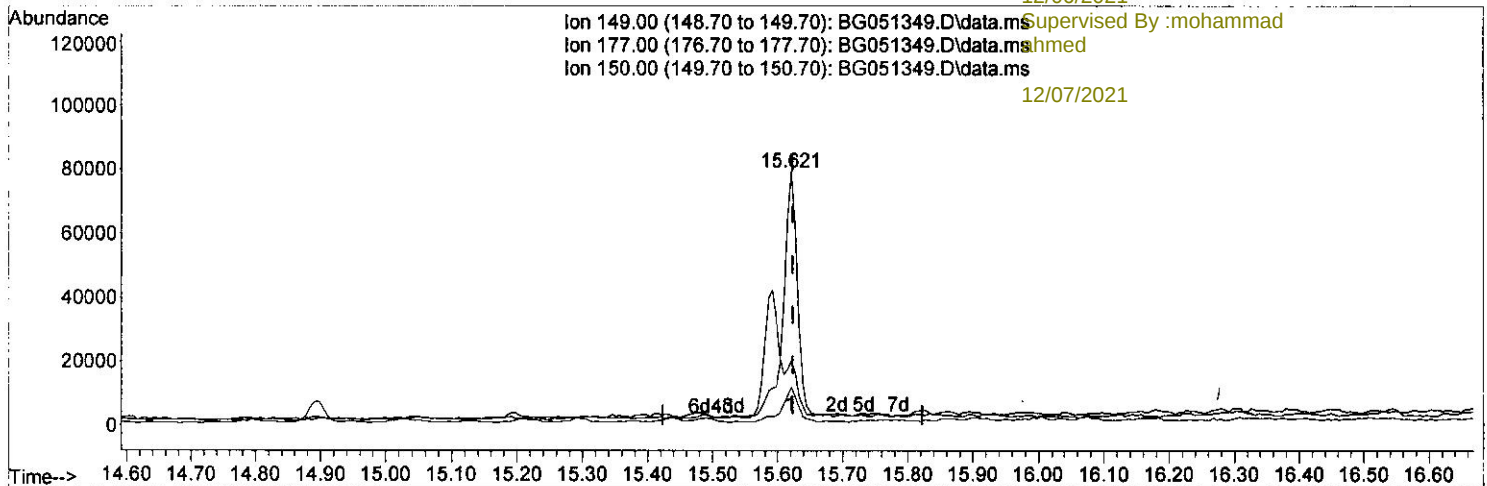
Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad

shmed

12/07/2021



TIC: BG051349.D\data.ms

(59) Diethylphthalate

15.621min (-0.003) 15.59 ng/ul m

response 116163

Ion	Exp%	Act%
149.00	100.00	100.00
177.00	21.00	25.26#
150.00	12.60	14.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

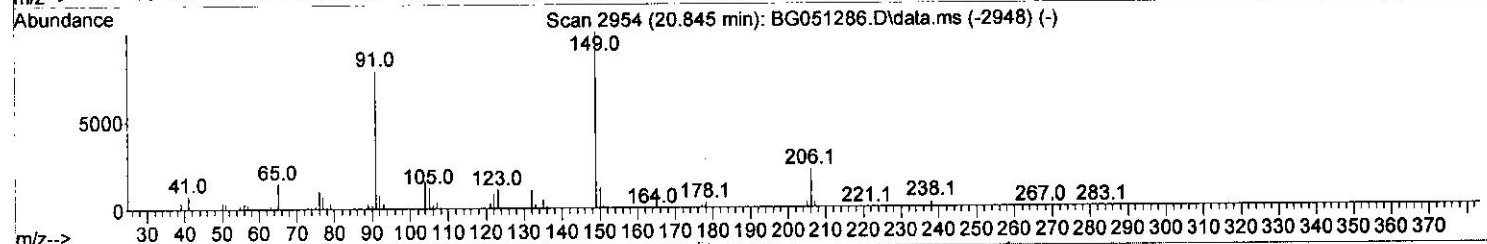
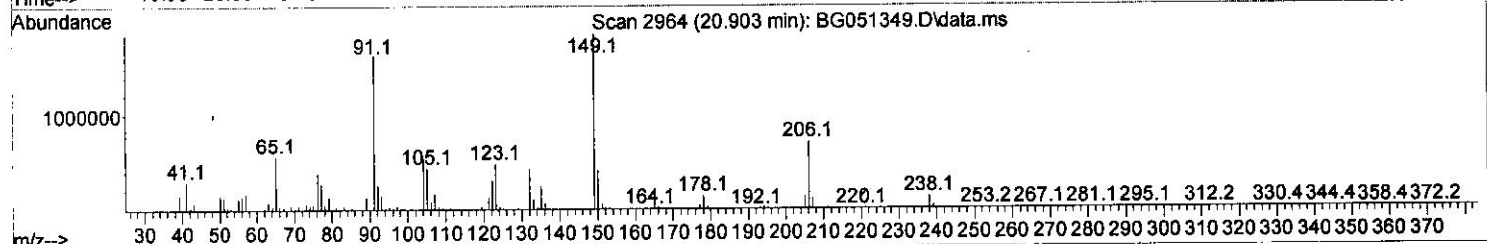
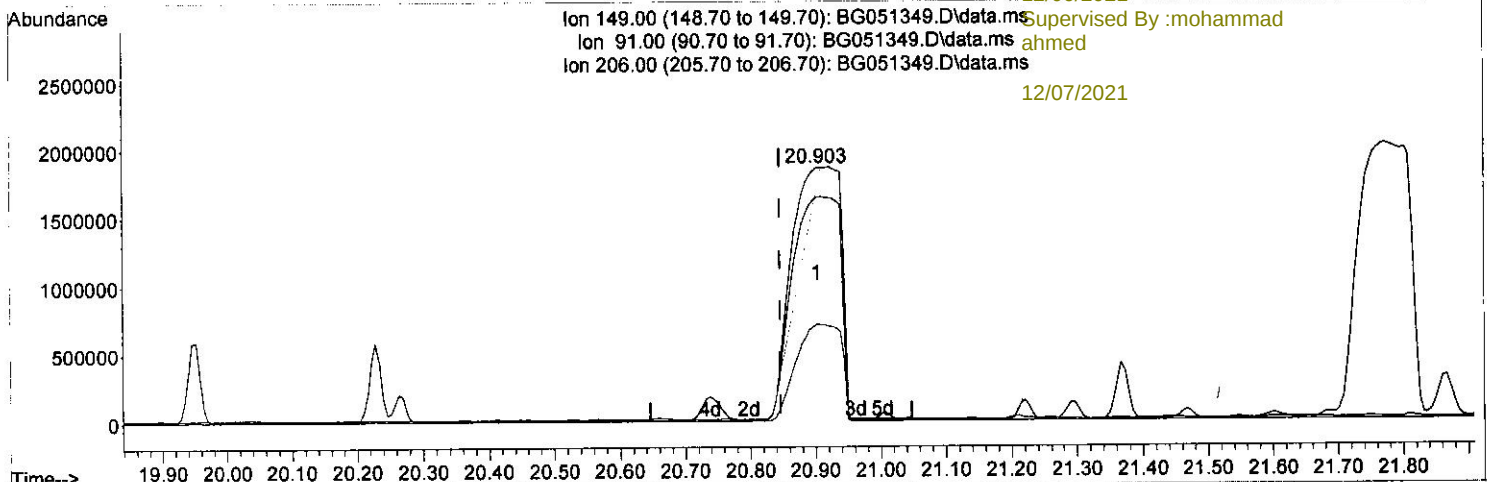
Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut
 Upadhyay

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 Supervised By :mohammad
 ahmed
 12/07/2021



TIC: BG051349.D\data.ms

(83) Butylbenzylphthalate

20.903min (+ 0.056) 340.36 ng/ul

response 1697976

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	88.26
206.00	20.20	38.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
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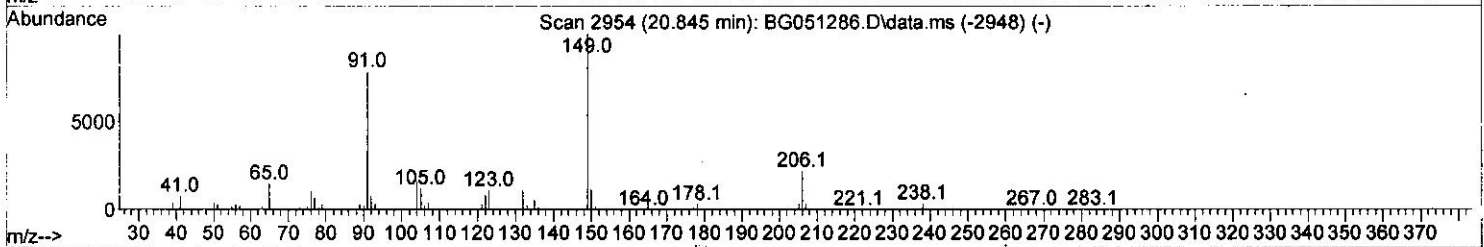
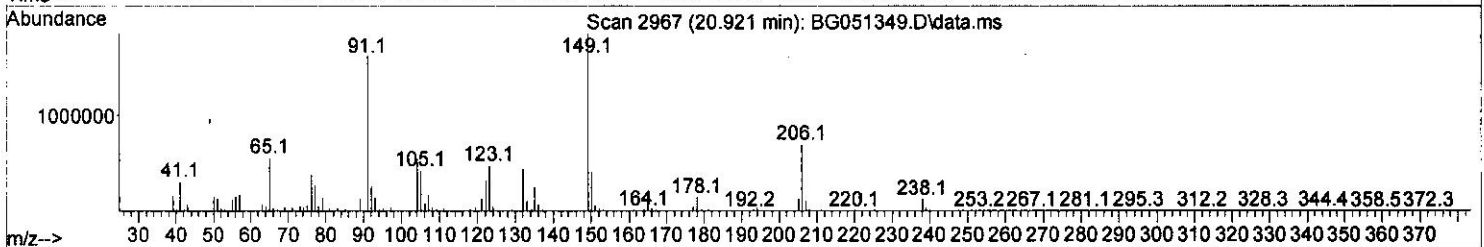
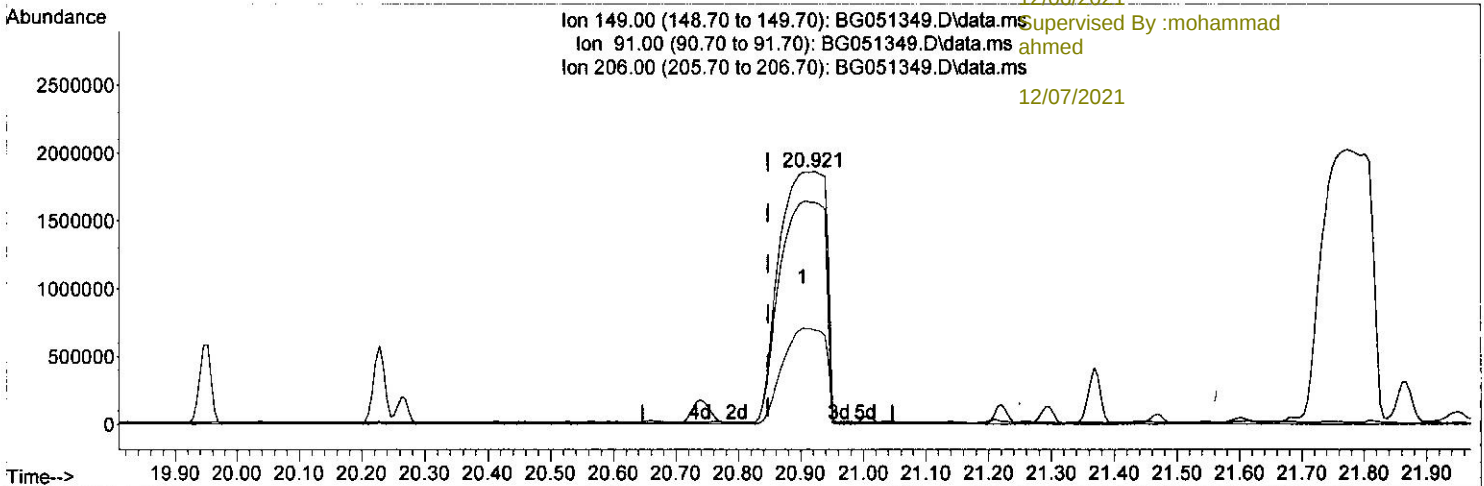
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad
 ahmed

12/07/2021



TIC: BG051349.D\data.ms

(83) Butylbenzylphthalate

20.921min (+ 0.074) 1933.69 ng/ul m 3 20 12/23/21

response 9646844

Ion	Exp%	Act%
149.00	100.00	100.00
91.00	81.50	87.64
206.00	20.20	37.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
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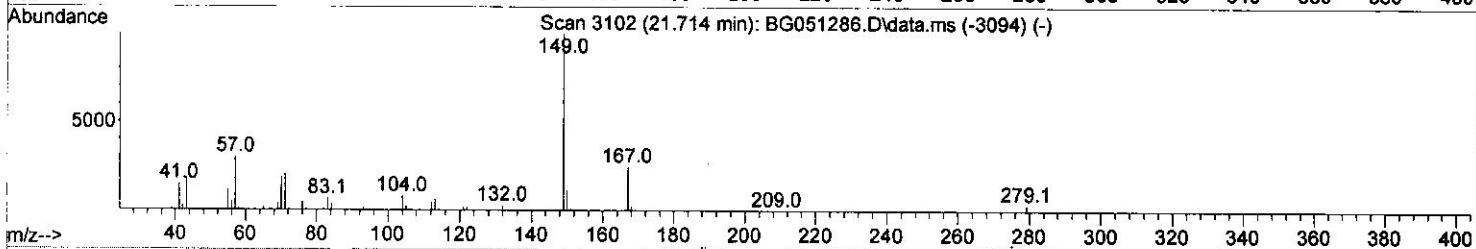
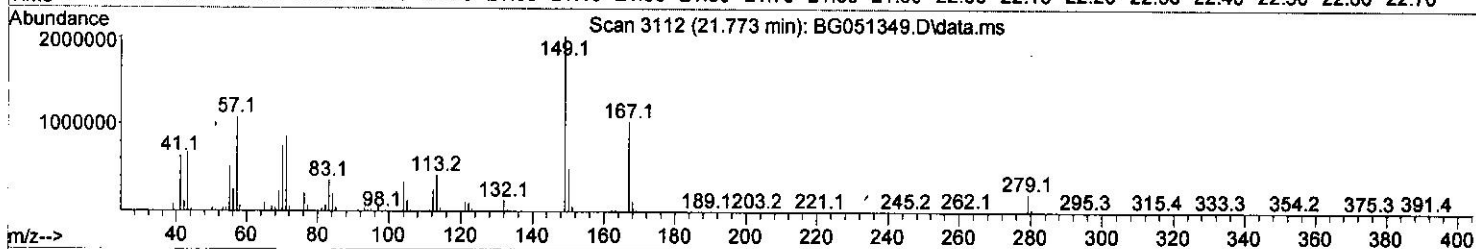
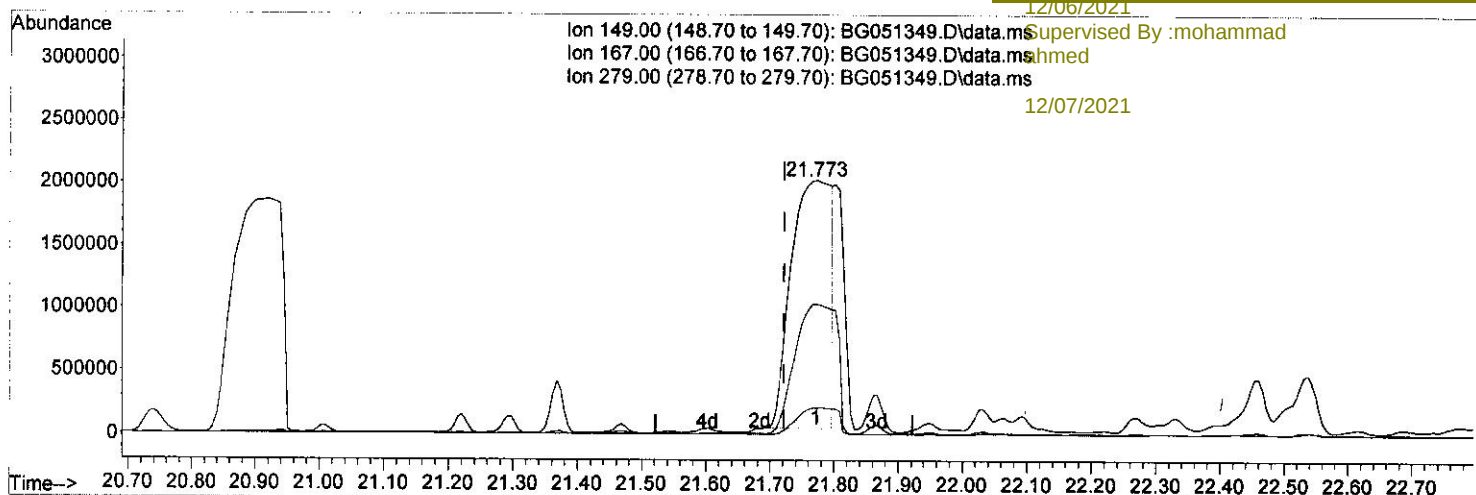
Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad
 Ahmed

12/07/2021



TIC: BG051349.D\data.ms

(86) Bis(2-ethylhexyl)phthalate

21.773min (+ 0.050) 1182.33 ng/u1

response 8487771

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	26.40	51.10#
279.00	3.40	10.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

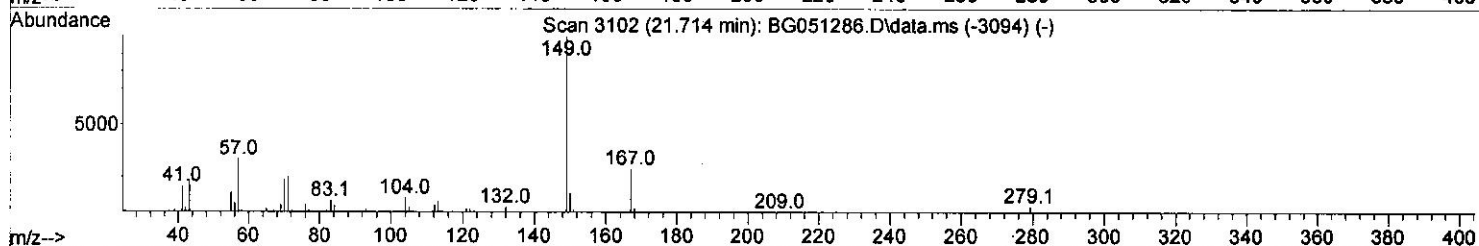
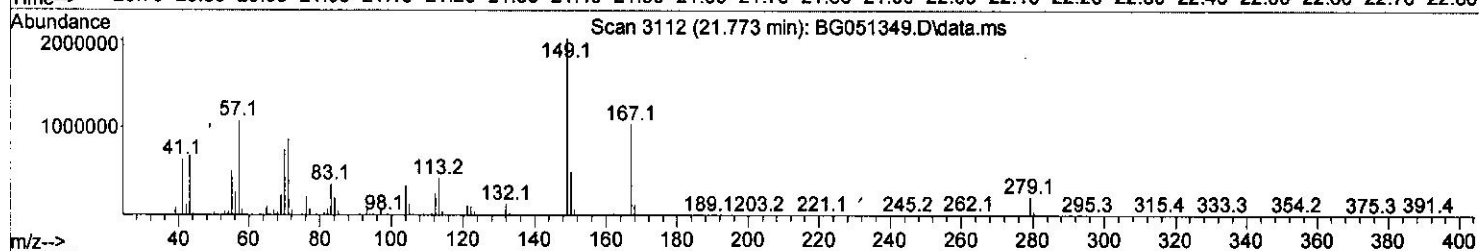
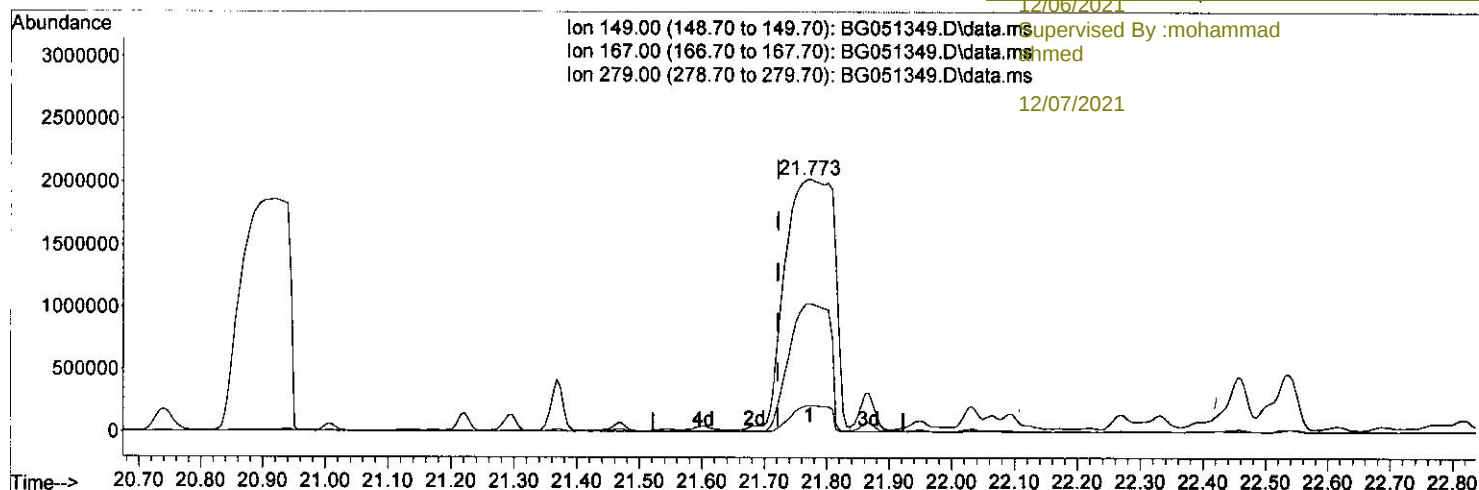
Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad

shmed

12/07/2021



TIC: BG051349.D\data.ms

(86) Bis(2-ethylhexyl)phthalate.

21.773min (+ 0.050) 1533.27 ng/ul m 3 20 12/21/21

response 11007172

Ion	Exp%	Act%
149.00	100.00	100.00
167.00	26.40	51.10#
279.00	3.40	10.42#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGKQ1

Quant Time: Dec 06 14:53:17 2021
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 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 03 15:23:09 2021
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Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

12/06/2021
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	33049	20.000	ng/ul	0.00
20) Naphthalene-d8	11.026	136	135130	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.828	164	91131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.583	188	174496	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.902	240	165070	20.000	ng/ul	# 0.02
88) Perylene-d12	25.321	264	169980	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.529	96	166	0.175	ng/uL	-0.01
4) Pyridine-d5	3.982	84	5995	2.148	ng/ul	0.00
7) Phenol-d5	7.360	99	15087	4.619	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.507	67	9634	4.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.724	132	8087	3.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.905	113	9611	3.646	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	8614	7.552	ng/ul	0.00
24) 2-Nitrophenol-d4	10.098	143	4304	3.345	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.656	165	8792	4.027	ng/ul	0.00
31) 4-Chloroaniline-d4	11.162	131	5646	1.767	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	26305	3.751	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	36546	4.133	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	3574	3.149	ng/ul	0.00
60) Fluorene-d10	15.821	176	22706	3.596	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	2417	2.245	ng/ul	0.01
73) Anthracene-d10	17.683	188	33324	3.993	ng/ul	0.00
81) Pyrene-d10	19.969	212	37389	3.743	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.081	264	32987	3.634	ng/ul	0.04
Target Compounds						
					Qvalue	
8) Phenol	7.389	94	761731	225.114	ng/ul	92
13) 2-Methylphenol	8.641	108	119556	47.434	ng/ul	96
18) 4-Methylphenol	8.976	108	91233	33.851	ng/ul	90
26) 2,4-Dimethylphenol	10.186	107	77337m	28.381	ng/ul	
30) Naphthalene	11.097	128	3780393	514.150	ng/ul#	85
32) 4-Chloroaniline	11.185	127	33976	10.594	ng/ul	93
36) 2-Methylnaphthalene	12.677	142	1420599	284.051	ng/ul	99
37) 1-Methylnaphthalene	12.889	142	697159	135.494	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.030	216	13522	4.726	ng/ul#	90
43) 1,1'-Biphenyl	13.659	154	263694	38.741	ng/ul	98
52) Acenaphthene	14.892	153	130212	22.602	ng/ul	94
56) Dibenzofuran	15.227	168	222068	26.723	ng/ul	93
59) Diethylphthalate	15.621	149	116163m	15.592	ng/ul	
61) Fluorene	15.880	166	129031	19.385	ng/ul#	94
67) N-Nitrosodiphenylamine	16.073	169	113638	22.748	ng/ul#	75
72) Phenanthrene	17.630	178	257696	26.747	ng/ul#	94
74) Anthracene	17.724	178	13381	1.398	ng/ul#	41
77) Carbazole	17.989	167	15225	1.813	ng/ul#	27
78) Di-n-butylphthalate	18.518	149	849071	78.402	ng/ul	97
80) Fluoranthene	19.628	202	40459	3.298	ng/ul#	44
82) Pyrene	19.998	202	48320	4.027	ng/ul#	92
83) Butylbenzylphthalate	20.921	149	9646844m	1933.687	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.773	149	11007172m	1533.272	ng/ul	
87) Chrysene	21.949	228	11826	1.100	ng/ul#	62

30
 12/23/21

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
 Data File : BG051349.D
 Acq On : 6 Dec 2021 14:04
 Operator : CG/JU
 Sample : M4942-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

BGKQ1

Quant Time: Dec 06 14:53:17 2021
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Manual Integrations

APPROVED

Reviewed By :Jagrut
 Upadhyay

12/06/2021

Supervised By :mohammad
 ahmed

12/07/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Di-n-octyl phthalate	23.012	149	3415259	277.337	ng/ul	100

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