

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
 Data File : BG051657.D
 Acq On : 19 Dec 2021 10:22
 Operator : CG/JU
 Sample : M5154-04
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGL84

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 20 00:10:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	38645	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.112	136	161693	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.907	164	114139	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	258109	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.974	240	257897	20.000	ng/ul	#-0.01
88) Perylene-d12	25.469	264	275380	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	4570	4.911	ng/uL	0.00
4) Pyridine-d5	4.028	84	37807	13.447	ng/ul	-0.02
7) Phenol-d5	7.400	99	97721	28.321	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.576	67	58246	28.396	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.799	132	69691	29.040	ng/ul	-0.01
15) 4-Methylphenol-d8	8.968	113	76742	28.773	ng/ul	-0.01
21) Nitrobenzene-d5	9.444	128	36516	30.803	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.173	143	40325	31.117	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	78321	27.869	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	54007	14.596	ng/ul	-0.01
46) Dimethylphthalate-d6	14.296	166	249525	27.313	ng/ul	-0.02
49) Acenaphthylene-d8	14.602	160	316408	27.887	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.066	143	37703m	25.378	ng/ul	-0.01
60) Fluorene-d10	15.894	176	218423	26.686	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	32243	23.977	ng/ul	-0.01
73) Anthracene-d10	17.756	188	349218	28.363	ng/ul	0.00
81) Pyrene-d10	20.030	212	413576	26.645	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.234	264	405973	28.019	ng/ul	-0.02
Target Compounds						
8) Phenol	7.423	94	6015	1.753	ng/ul#	87
30) Naphthalene	11.159	128	20384	2.340	ng/ul	98
37) 1-Methylnaphthalene	12.969	142	35917	5.566	ng/ul#	97
52) Acenaphthene	14.972	153	10047	1.370	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.845	149	214097	25.849	ng/ul#	98

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

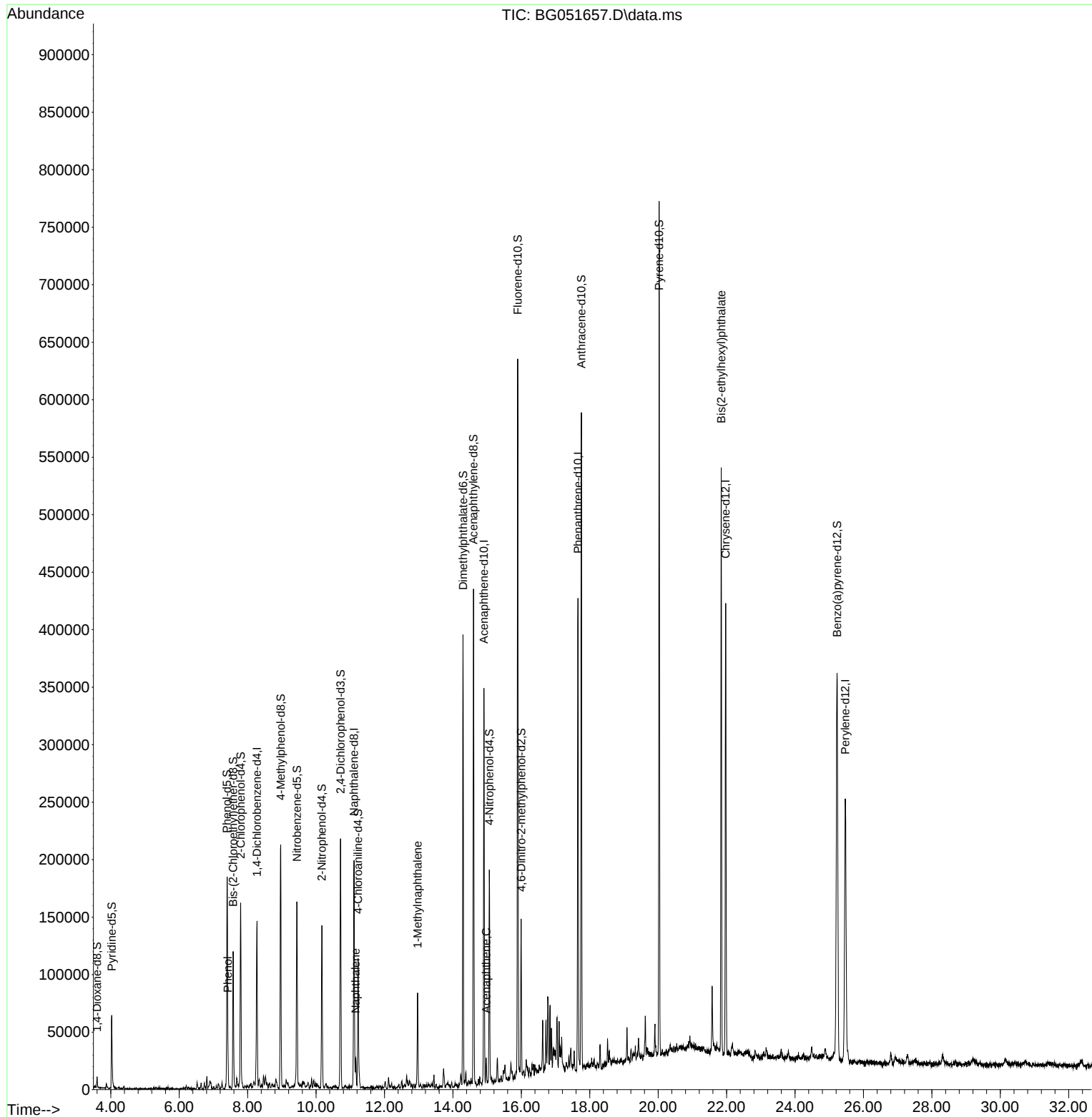
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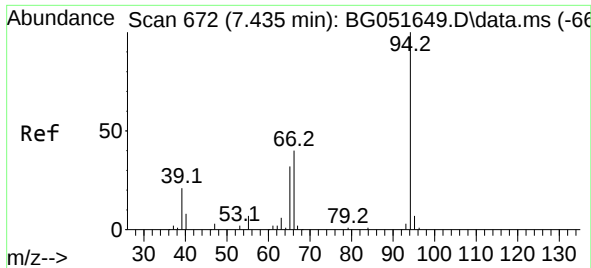
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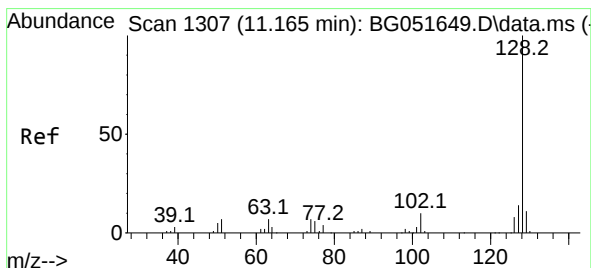
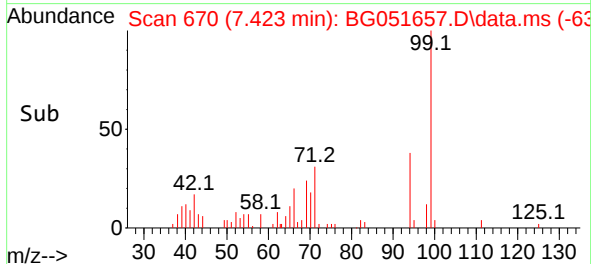
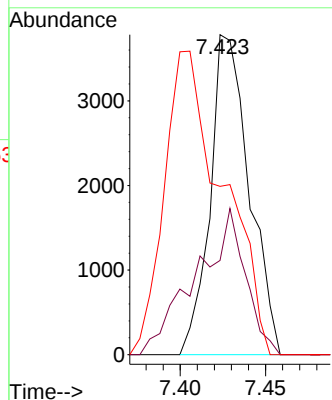
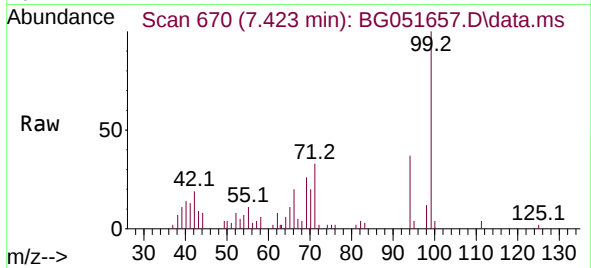
#8
Phenol
Concen: 1.753 ng/ul
RT: 7.423 min Scan# 61
Delta R.T. -0.018 min
Lab File: BG051657.D
Acq: 19 Dec 2021 10:22

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Tgt Ion: 94 Resp: 601
Ion Ratio Lower Upper
94 100
65 29.5 25.1 37.7
66 52.6 31.6 47.4

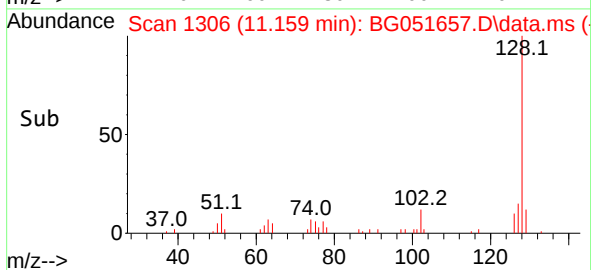
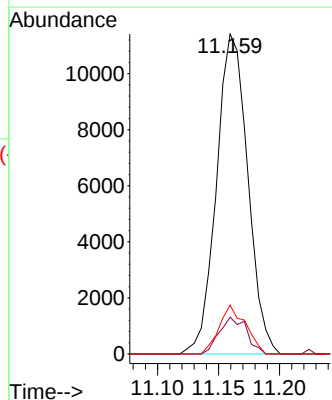
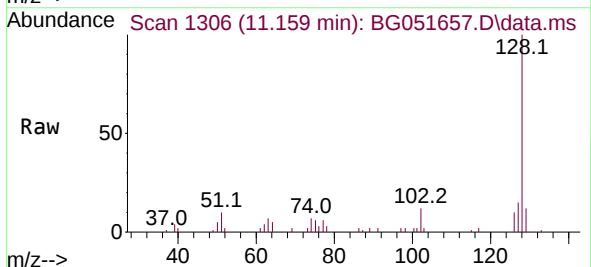
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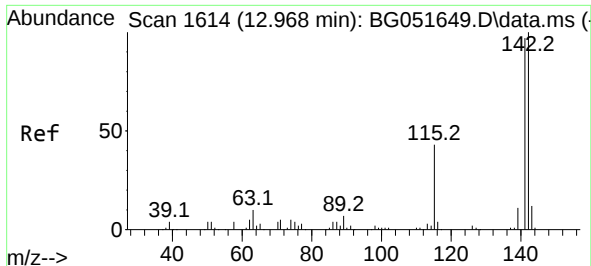
Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021



#30
Naphthalene
Concen: 2.340 ng/ul
RT: 11.159 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BG051657.D
Acq: 19 Dec 2021 10:22

Tgt Ion:128 Resp: 20384
Ion Ratio Lower Upper
128 100
129 11.5 8.5 12.7
127 15.2 11.8 17.6





#37

1-Methylnaphthalene

Concen: 5.566 ng/ul

RT: 12.969 min Scan# 1614

Delta R.T. -0.018 min

Lab File: BG051657.D

Acq: 19 Dec 2021 10:22

Instrument :

BNA_G

ClientSampleId :

BGL84

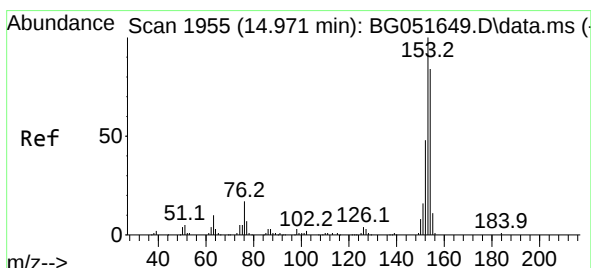
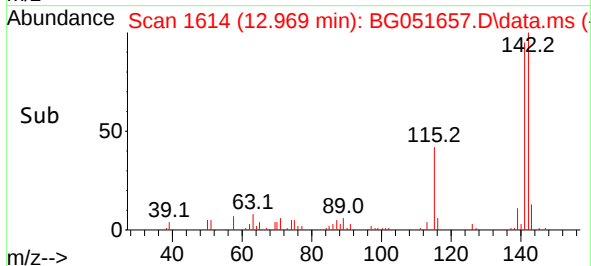
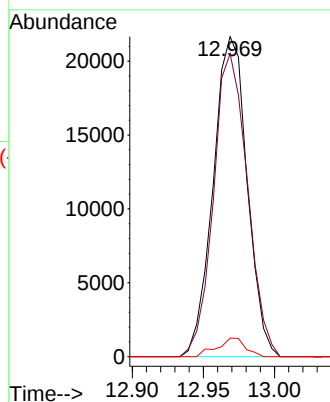
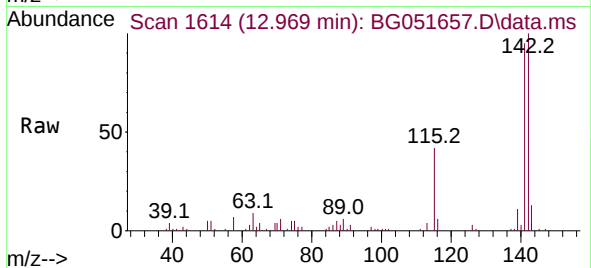
Tgt Ion:142 Resp: 3591

Ion	Ratio	Lower	Upper
142	100		
141	94.7	77.8	116.8
116	5.8	3.3	4.9

Manual Integrations

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#52

Acenaphthene

Concen: 1.370 ng/ul

RT: 14.972 min Scan# 1955

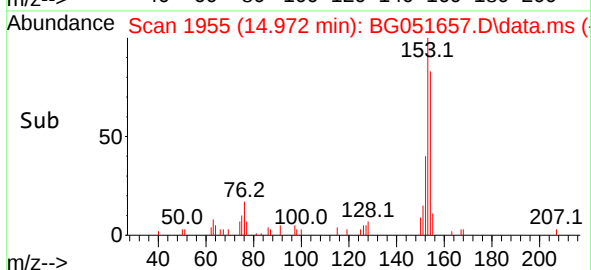
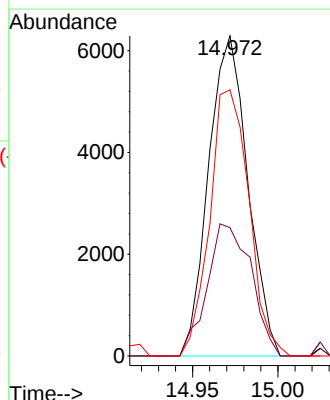
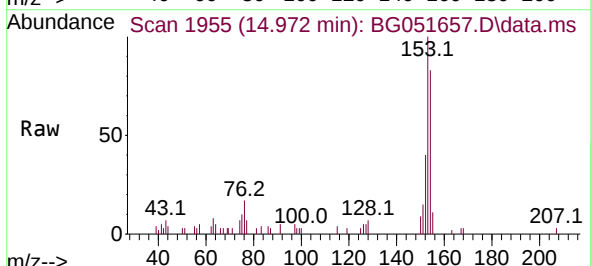
Delta R.T. -0.012 min

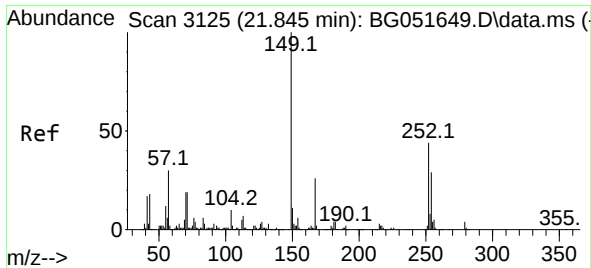
Lab File: BG051657.D

Acq: 19 Dec 2021 10:22

Tgt Ion:153 Resp: 10047

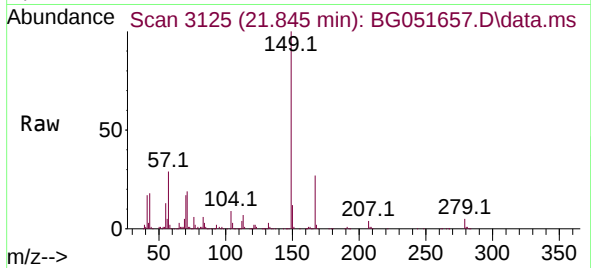
Ion	Ratio	Lower	Upper
153	100		
152	40.1	36.5	54.7
154	83.2	65.8	98.6





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 25.849 ng/ul
 RT: 21.845 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BG051657.D
 Acq: 19 Dec 2021 10:22

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:149 Resp: 21409
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.1 31.7
 279 4.7 2.7 4.1

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