

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122721\
 Data File : BG051842.D
 Acq On : 28 Dec 2021 23:33
 Operator : CG/JU
 Sample : M5216-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COHB5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 29 03:45:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 23 13:37:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	38114m	20.000	ng/u1	0.04
20) Naphthalene-d8	11.131	136	120883	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.908	164	87470	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.651	188	201299	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.969	240	168681	20.000	ng/u1	#-0.02
88) Perylene-d12	25.476	264	101764	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.606	96	4061m	4.425	ng/uL	0.00
4) Pyridine-d5	4.040	84	26589	9.589	ng/u1	0.00
7) Phenol-d5	7.412	99	20435	6.005	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.589	67	65531	32.392	ng/u1	0.00
11) 2-Chlorophenol-d4	7.806	132	52617	22.231	ng/u1	0.00
15) 4-Methylphenol-d8	8.975	113	36500	13.876	ng/u1	0.00
21) Nitrobenzene-d5	9.451	128	40561	45.766	ng/u1	0.00
24) 2-Nitrophenol-d4	10.173	143	41989	43.340	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.725	165	70321	33.470	ng/u1	0.00
31) 4-Chloroaniline-d4	11.237	131	76068	27.499	ng/u1	0.00
46) Dimethylphthalate-d6	14.297	166	250967	35.847	ng/u1	-0.02
49) Acenaphthylene-d8	14.603	160	325904	37.482	ng/u1	-0.01
54) 4-Nitrophenol-d4	15.078	143	4306	3.782	ng/u1	0.00
60) Fluorene-d10	15.895	176	232272	37.030	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.995	200	33945	32.366	ng/u1	-0.02
73) Anthracene-d10	17.751	188	372553	38.797	ng/u1	-0.01
81) Pyrene-d10	20.031	212	452740	44.596	ng/u1	-0.01
92) Benzo(a)pyrene-d12	25.229	264	230898	43.123	ng/u1	-0.02
Target Compounds						
22) Nitrobenzene	9.492	77	276962	107.441	ng/u1#	95
25) 2-Nitrophenol	10.209	139	2822	2.725	ng/u1#	94
39) 1,2,4,5-Tetrachloroben...	13.116	216	155724	51.183	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.721	216	410393	132.520	ng/uL	97
76) Pentachlorobenzene	15.225	250	12265	4.143	ng/uL	96

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

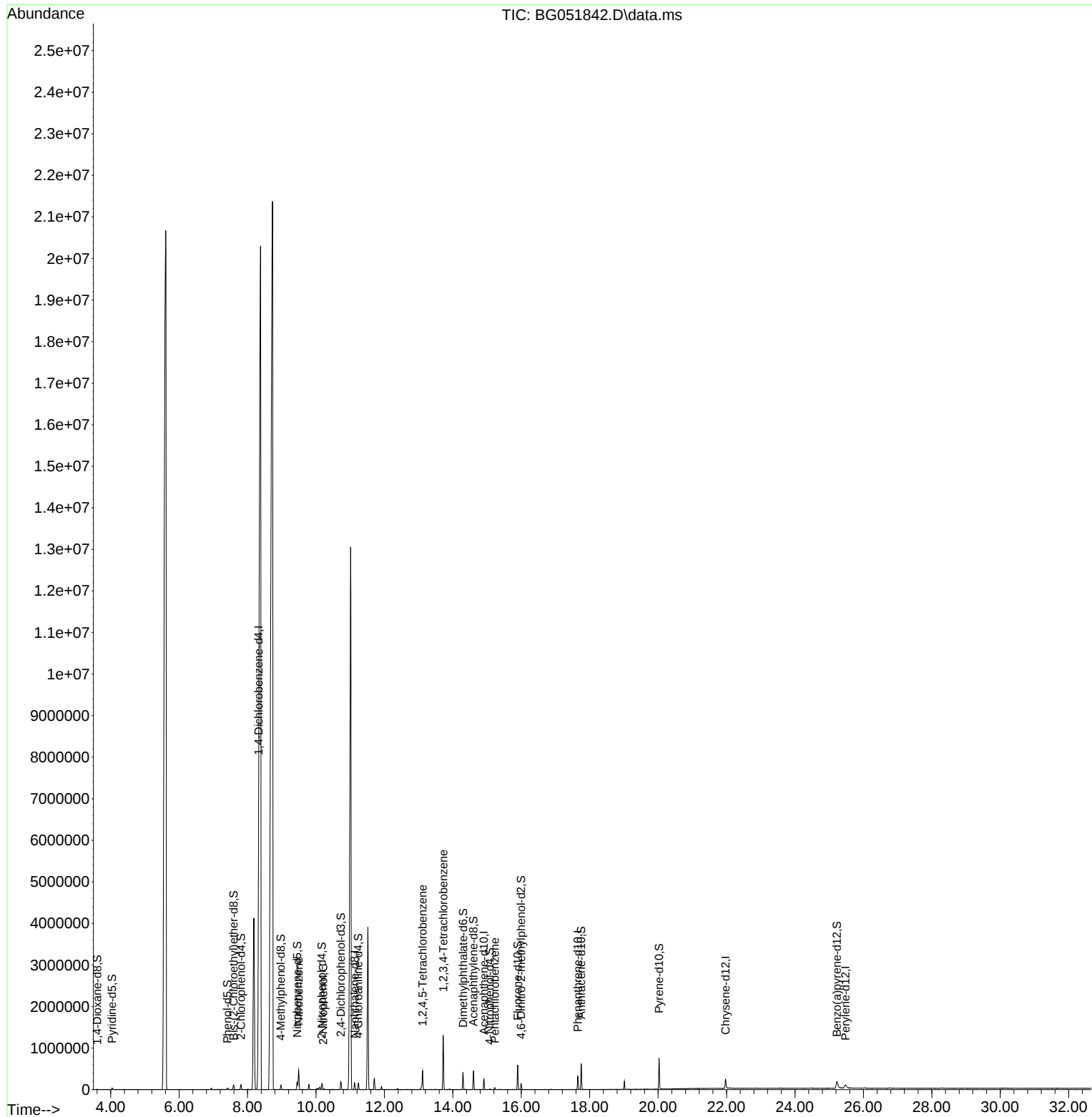
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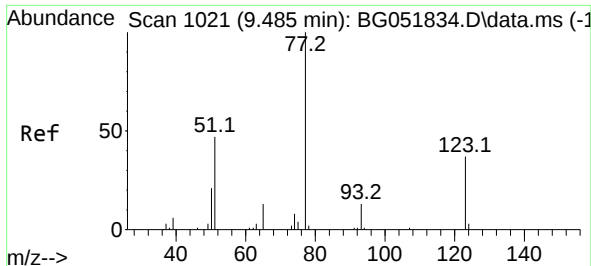
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#22

Nitrobenzene

Concen: 107.441 ng/ul

RT: 9.492 min Scan# 1021

Delta R.T. -0.005 min

Lab File: BG051842.D

Acq: 28 Dec 2021 23:33

Instrument :

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ClientSampleId :

COHB5

Tgt Ion: 77 Resp: 27696

Ion Ratio Lower Upper

77 100

123 35.5 30.1 45.1

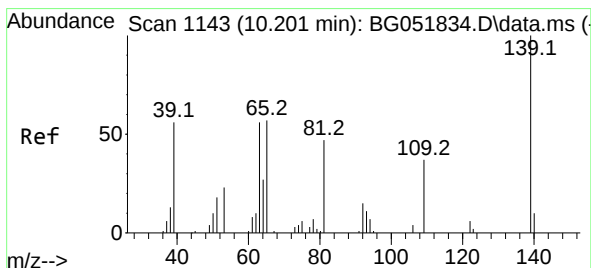
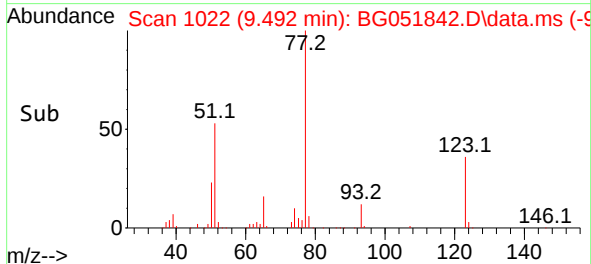
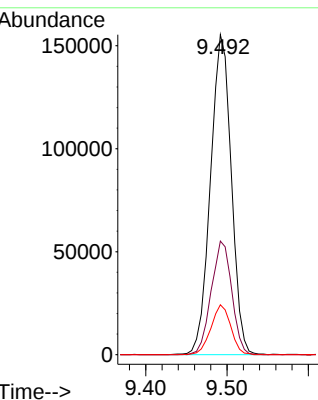
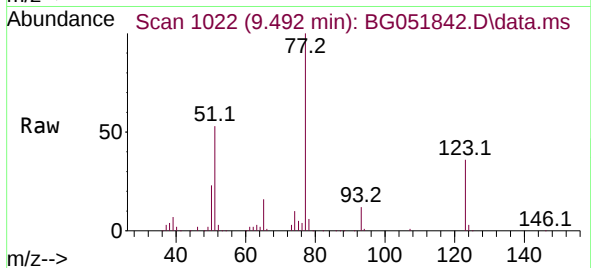
65 15.6 9.6 14.4

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#25

2-Nitrophenol

Concen: 2.725 ng/ul

RT: 10.209 min Scan# 1144

Delta R.T. -0.011 min

Lab File: BG051842.D

Acq: 28 Dec 2021 23:33

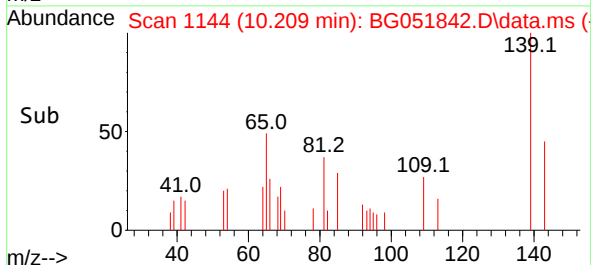
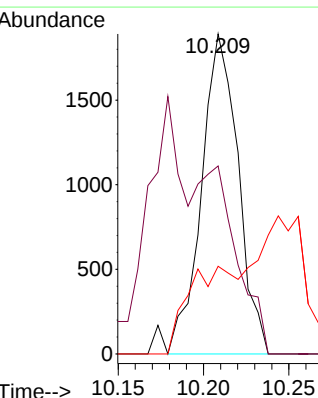
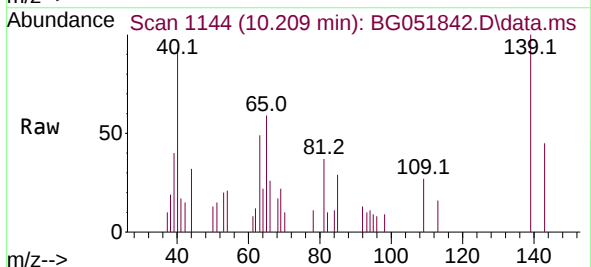
Tgt Ion:139 Resp: 2822

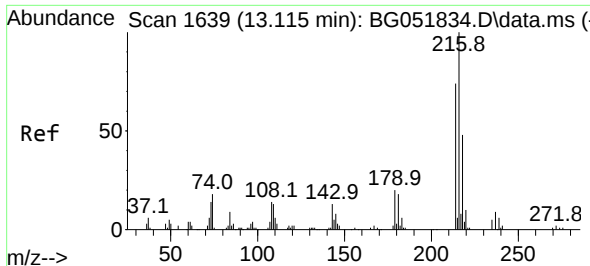
Ion Ratio Lower Upper

139 100

65 58.8 48.0 72.0

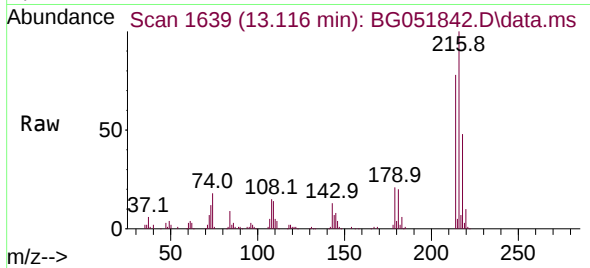
109 27.4 28.6 42.8





#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.183 ng/ul
RT: 13.116 min Scan# 1639
Delta R.T. -0.011 min
Lab File: BG051842.D
Acq: 28 Dec 2021 23:33

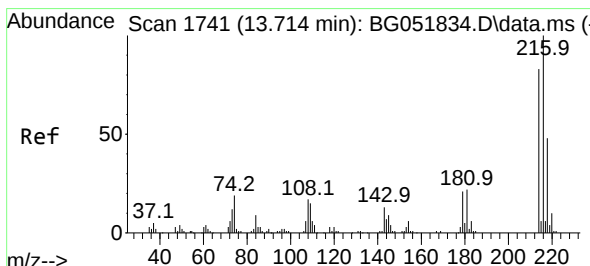
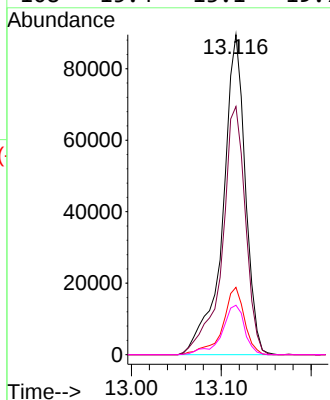
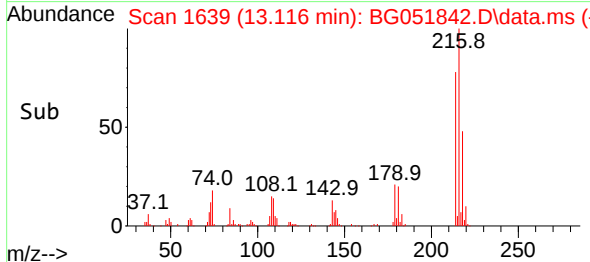
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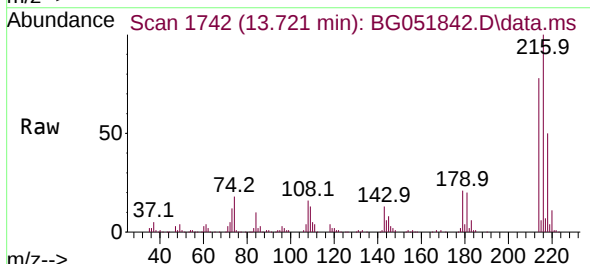
Tgt Ion:216 Resp: 155724
Ion Ratio Lower Upper
216 100
214 77.6 61.0 91.4
179 21.1 16.2 24.2
108 15.4 13.1 19.7

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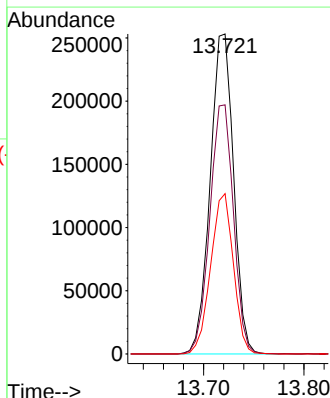
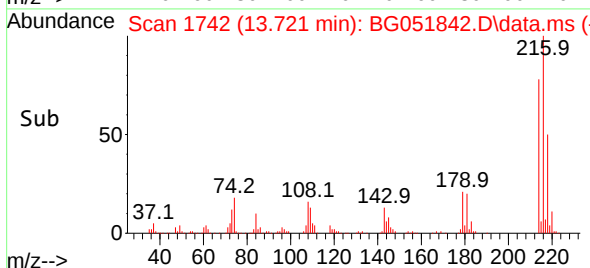
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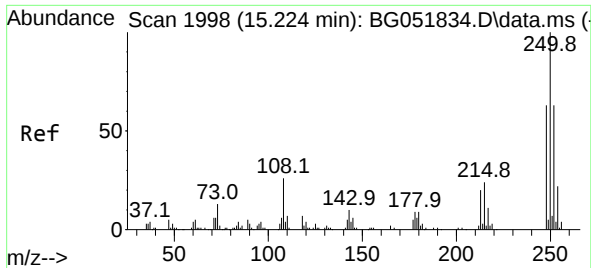


#75
1,2,3,4-Tetrachlorobenzene
Concen: 132.520 ng/uL
RT: 13.721 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG051842.D
Acq: 28 Dec 2021 23:33



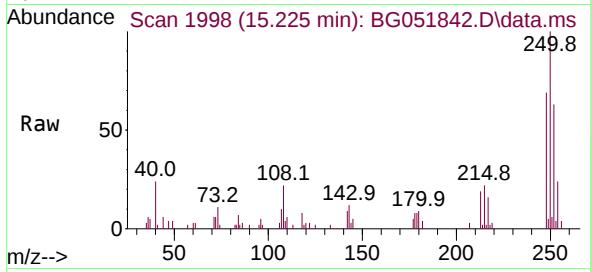
Tgt Ion:216 Resp: 410393
Ion Ratio Lower Upper
216 100
214 77.8 61.3 91.9
218 50.1 37.0 55.6





#76
 Pentachlorobenzene
 Concen: 4.143 ng/uL
 RT: 15.225 min Scan# 1998
 Delta R.T. -0.011 min
 Lab File: BG051842.D
 Acq: 28 Dec 2021 23:33

Instrument :
 BNA_G
 ClientSampleId :
 COHB5



Tgt Ion:250 Resp: 1226
 Ion Ratio Lower Upper
 250 100
 248 68.5 50.5 75.7
 252 63.3 51.2 76.8

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