

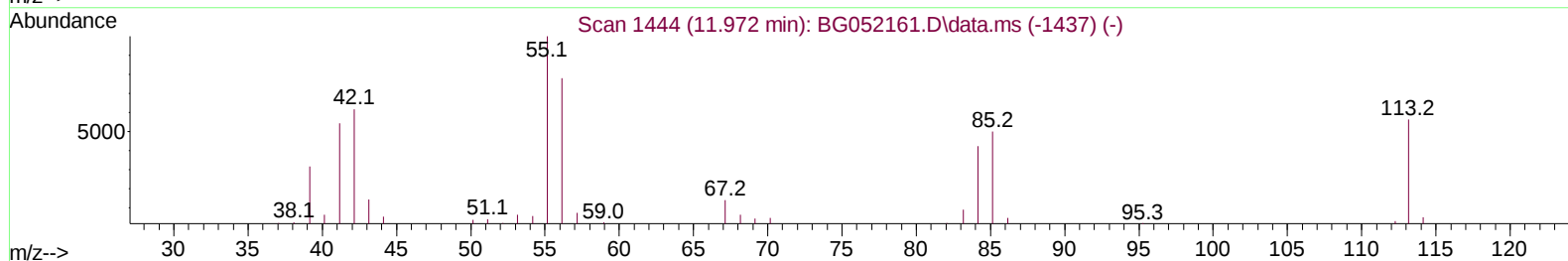
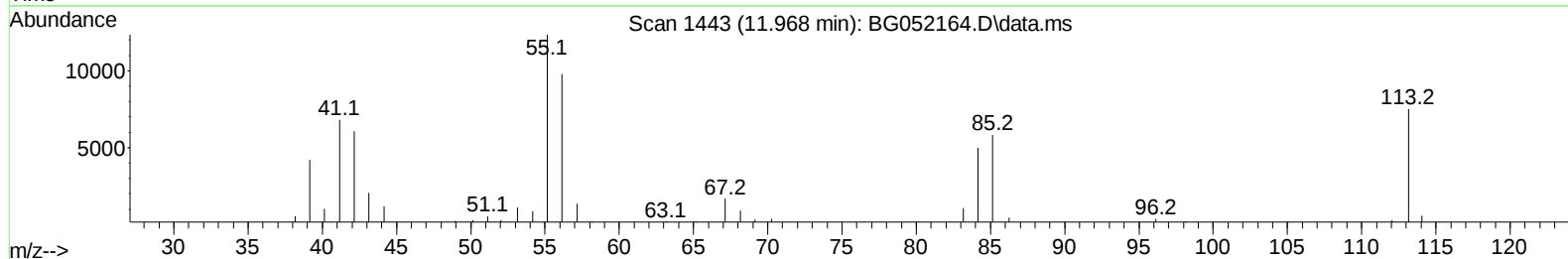
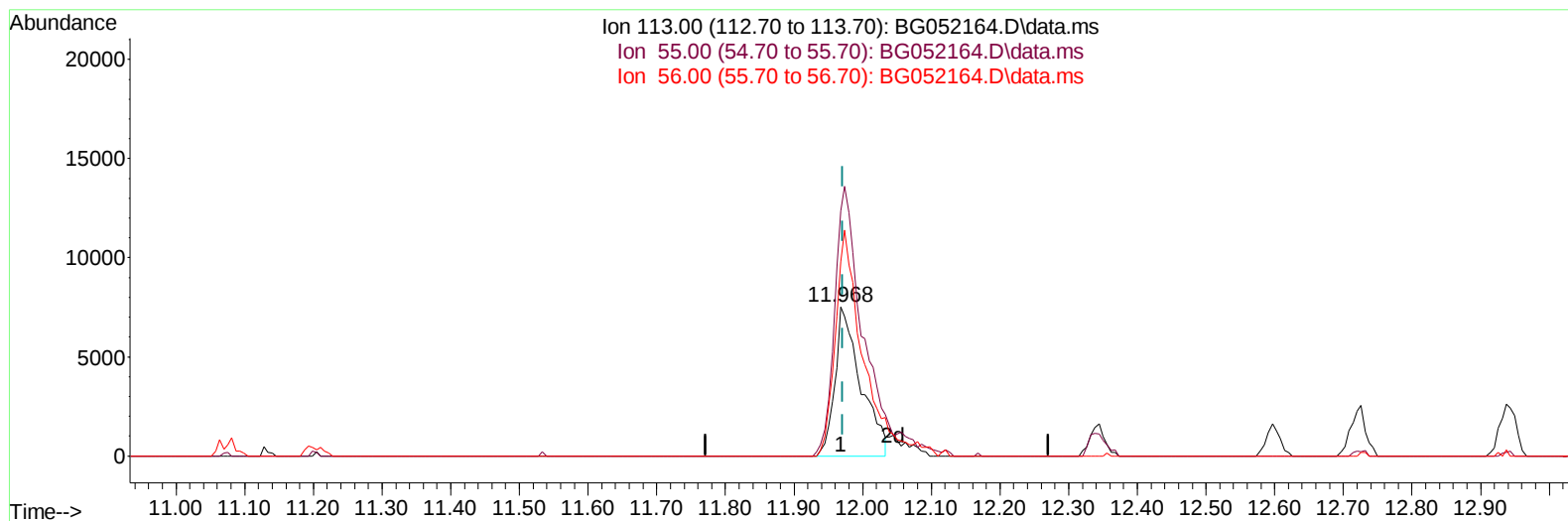
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
Data File : BG052164.D
Acq On : 27 Jan 2022 1:04
Operator : CG/JU
Sample : PB142012BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS012

Manual IntegrationsAPPROVED

Quant Time: Jan 27 02:26:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 26 23:58:52 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/27/2022
Supervised By :Yogesh Patel 01/28/2022



TIC: BG052164.D\data.ms

(34) Caprolactam

11.968min (-0.003) 28.65 ng/ul

response 19631

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.12
56.00	136.50	129.91
0.00	0.00	0.00

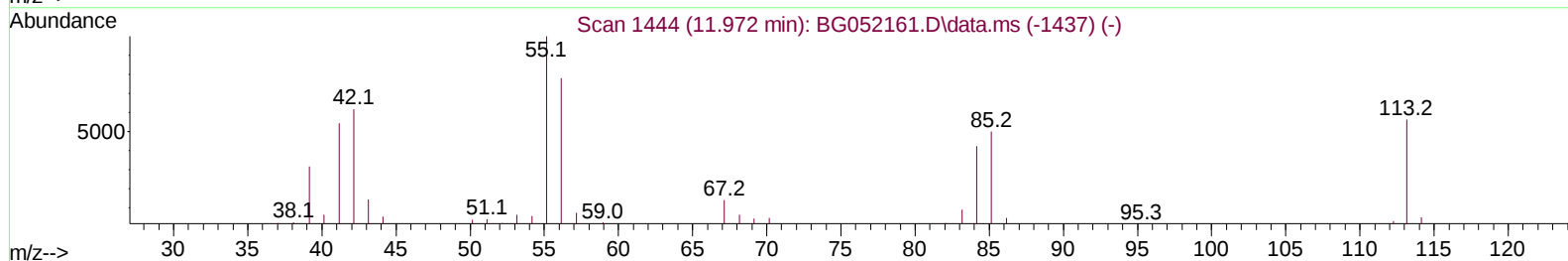
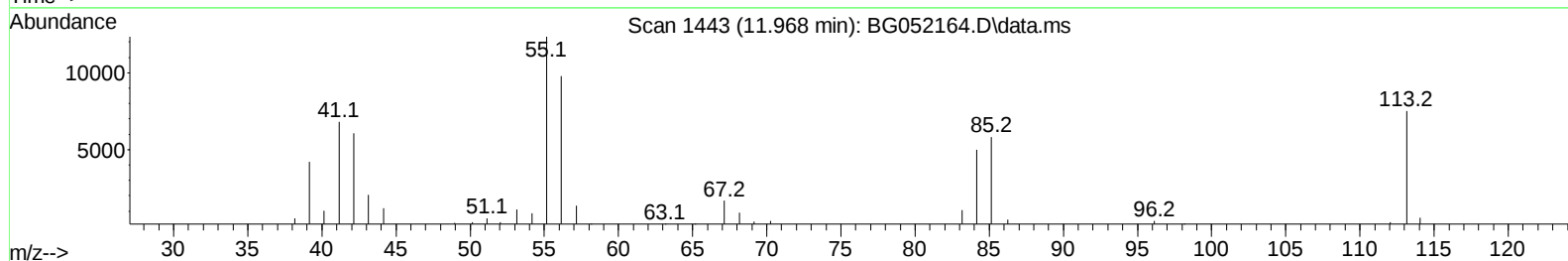
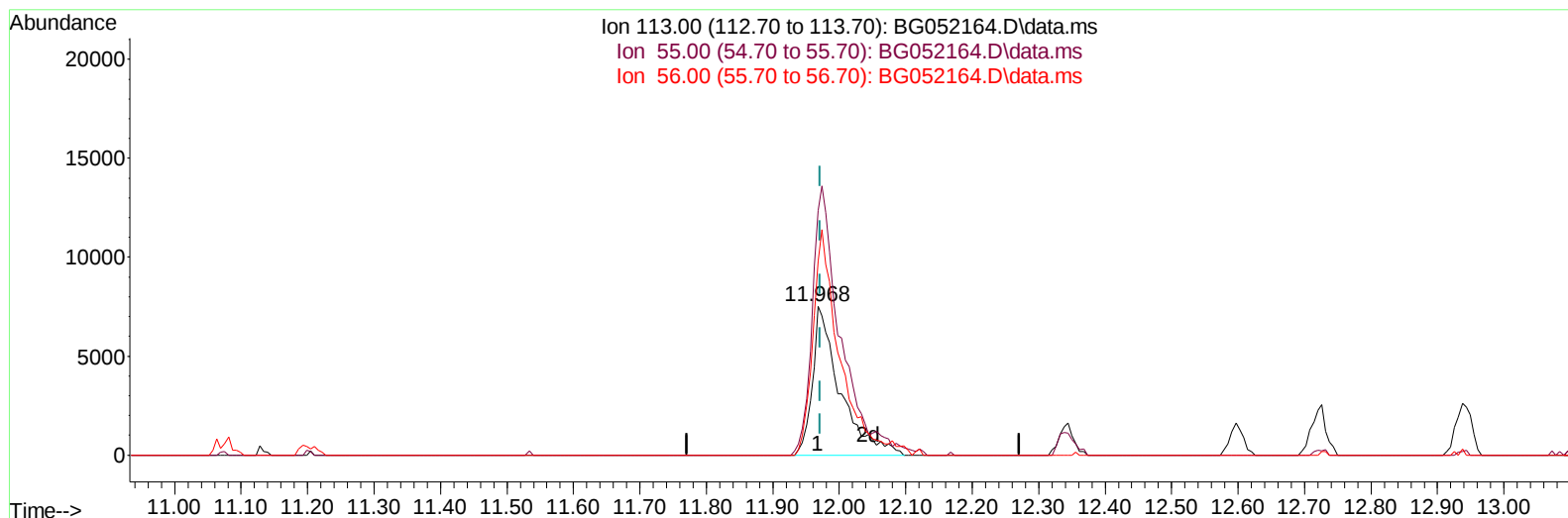
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(34) Caprolactam

11.968min (-0.003) 31.69 ng/ul m

response 21709

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	164.12
56.00	136.50	129.91
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	24266	20.000	ng/ul	0.00
20) Naphthalene-d8	11.075	136	104927	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.882	164	78174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.631	188	193022	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.949	240	191420	20.000	ng/ul	# 0.00
88) Perylene-d12	25.426	264	198723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.562	96	4112	6.055	ng/uL	0.00
4) Pyridine-d5	3.991	84	52102	24.681	ng/ul	0.00
7) Phenol-d5	7.380	99	67792	28.544	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.545	67	41955	27.828	ng/ul	0.00
11) 2-Chlorophenol-d4	7.768	132	47879	30.449	ng/ul	0.00
15) 4-Methylphenol-d8	8.943	113	56244	30.464	ng/ul	0.00
21) Nitrobenzene-d5	9.413	128	26012	31.373	ng/ul	0.00
24) 2-Nitrophenol-d4	10.141	143	28818	31.427	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.693	165	60060	33.509	ng/ul	0.00
31) 4-Chloroaniline-d4	11.204	131	68238	27.338	ng/ul	0.00
46) Dimethylphthalate-d6	14.271	166	211292	32.699	ng/ul	0.00
49) Acenaphthylene-d8	14.576	160	254199	32.567	ng/ul	0.00
54) 4-Nitrophenol-d4	15.070	143	34559	31.989	ng/ul	0.00
60) Fluorene-d10	15.869	176	187353	33.255	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.980	200	36497	29.973	ng/ul	0.00
73) Anthracene-d10	17.731	188	308420	33.683	ng/ul	0.00
81) Pyrene-d10	20.004	212	383659	34.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.185	264	370767	35.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.597	88	7599	9.698	ng/ul#	92
5) Pyridine	4.008	79	53680	24.271	ng/ul	96
6) Benzaldehyde	7.357	77	41364	26.182	ng/ul	95
8) Phenol	7.410	94	72523	29.917	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.639	93	50874	28.670	ng/ul	99
12) 2-Chlorophenol	7.797	128	49727	31.086	ng/ul	94
13) 2-Methylphenol	8.678	108	53720	30.474	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.767	45	76824	28.384	ng/ul	98
16) Acetophenone	9.066	105	85329	29.284	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.043	70	51714	29.051	ng/ul	98
18) 4-Methylphenol	9.007	108	57277	29.996	ng/ul	93
19) Hexachloroethane	9.342	117	20859	30.203	ng/ul#	75
22) Nitrobenzene	9.454	77	73140	28.441	ng/ul	96
23) Isophorone	9.977	82	143706	29.557	ng/ul	97
25) 2-Nitrophenol	10.176	139	31377	31.135	ng/ul	95
26) 2,4-Dimethylphenol	10.229	107	62501	28.583	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.458	93	73439	29.337	ng/ul	99
29) 2,4-Dichlorophenol	10.717	162	56839	32.290	ng/ul	97
30) Naphthalene	11.128	128	173590	30.530	ng/ul	97
32) 4-Chloroaniline	11.228	127	68552	26.949	ng/ul	94
33) Hexachlorobutadiene	11.416	225	43618	31.086	ng/ul	97
34) Caprolactam	11.968	113	21709m	31.688	ng/ul	
35) 4-Chloro-3-methylphenol	12.344	107	70037	34.460	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.720	142	131462	32.459	ng/ul	96
37) 1-Methylnaphthalene	12.937	142	131906	31.735	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.084	216	86420	31.968	ng/ul	96
40) Hexachlorocyclopentadiene	13.067	237	37392	20.158	ng/ul	93
41) 2,4,6-Trichlorophenol	13.319	196	56762	33.221	ng/ul	91
42) 2,4,5-Trichlorophenol	13.396	196	62005	33.663	ng/ul	98
43) 1,1'-Biphenyl	13.719	154	193395	32.045	ng/ul#	93
44) 2-Chloronaphthalene	13.766	162	143841	30.776	ng/ul	98
45) 2-Nitroaniline	13.954	65	55087	30.754	ng/ul	96
47) Dimethylphthalate	14.318	163	204511	32.098	ng/ul	99
48) 2,6-Dinitrotoluene	14.441	165	45247	33.681	ng/ul	90
50) Acenaphthylene	14.606	152	248230	32.296	ng/ul	97
51) 3-Nitroaniline	14.776	138	39660	32.637	ng/ul	92
52) Acenaphthene	14.946	153	165367	32.359	ng/ul	94
53) 2,4-Dinitrophenol	14.982	184	19577	24.717	ng/ul	90
55) 4-Nitrophenol	15.081	109	38159	30.780	ng/ul	88
56) Dibenzofuran	15.281	168	239379	32.252	ng/ul	99
57) 2,4-Dinitrotoluene	15.228	165	66360	34.167	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.504	232	58120	34.019	ng/ul#	86
59) Diethylphthalate	15.681	149	214455	32.624	ng/ul	97
61) Fluorene	15.927	166	203457	32.896	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.910	204	111671	32.537	ng/ul	93
63) 4-Nitroaniline	15.933	138	43644	34.956	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.998	198	34711	29.817	ng/ul#	95
67) N-Nitrosodiphenylamine	16.121	169	179715	34.649	ng/ul	97
68) 4-Bromophenyl-phenylether	16.809	248	80000	35.403	ng/ul#	85
69) Hexachlorobenzene	16.938	284	87915	35.080	ng/ul#	90
70) Atrazine	17.067	200	77201	32.083	ng/ul	96
71) Pentachlorophenol	17.279	266	42469	30.344	ng/ul	96
72) Phenanthrene	17.672	178	345105	34.121	ng/ul	98
74) Anthracene	17.766	178	339122	33.496	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.689	216	90345	31.165	ng/uL	96
76) Pentachlorobenzene	15.205	250	94523	33.502	ng/uL	98
77) Carbazole	18.030	167	310621	34.049	ng/ul	98
78) Di-n-butylphthalate	18.571	149	365289	33.874	ng/ul	99
80) Fluoranthene	19.675	202	450807	35.410	ng/ul#	89
82) Pyrene	20.039	202	440887	35.174	ng/ul#	87
83) Butylbenzylphthalate	20.903	149	160533	36.801	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.825	252	148581	33.625	ng/ul#	98
85) Benzo(a)anthracene	21.925	228	436942	34.709	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.808	149	231507	36.289	ng/ul#	97
87) Chrysene	21.996	228	422351	34.842	ng/ul	99
89) Di-n-octyl phthalate	23.106	149	391997	35.709	ng/ul	100
90) Benzo(b)fluoranthene	24.310	252	477602	36.265	ng/ul#	96
91) Benzo(k)fluoranthene	24.387	252	434903	35.716	ng/ul#	96
93) Benzo(a)pyrene	25.262	252	441501	35.423	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.433	276	513020	35.958	ng/ul#	92
95) Dibenzo(a,h)anthracene	29.509	278	437049	36.216	ng/ul#	91
96) Benzo(g,h,i)perylene	30.690	276	435979	36.344	ng/ul#	89

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

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