

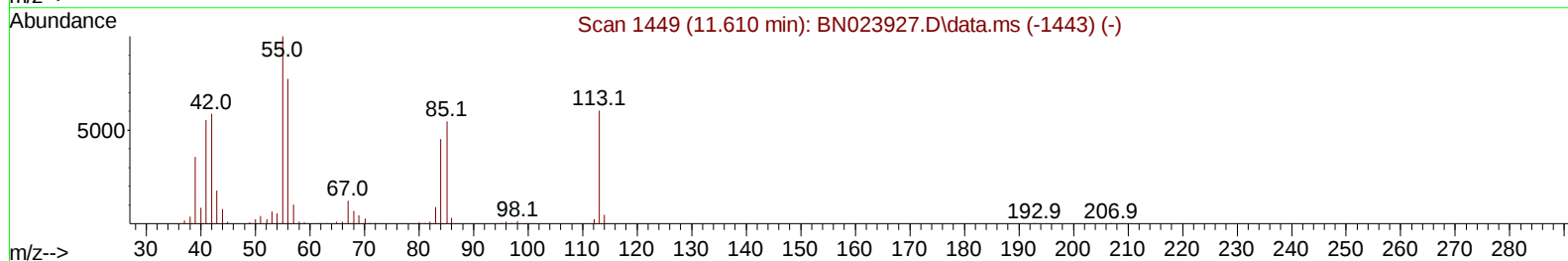
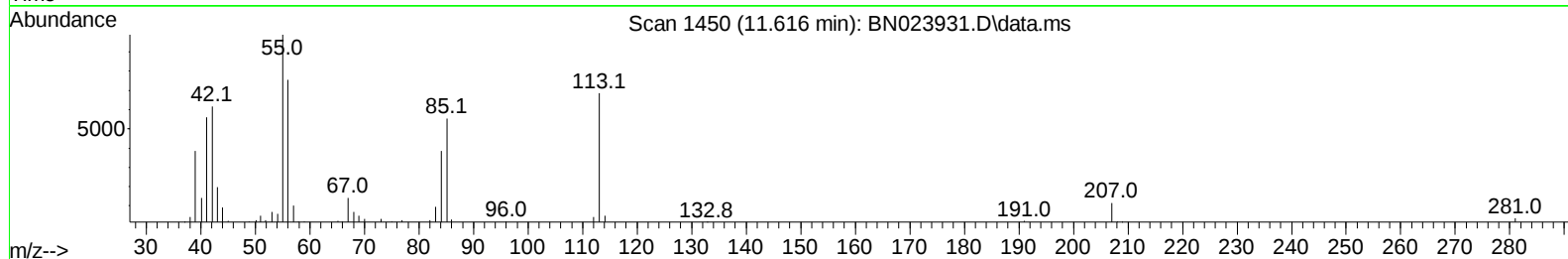
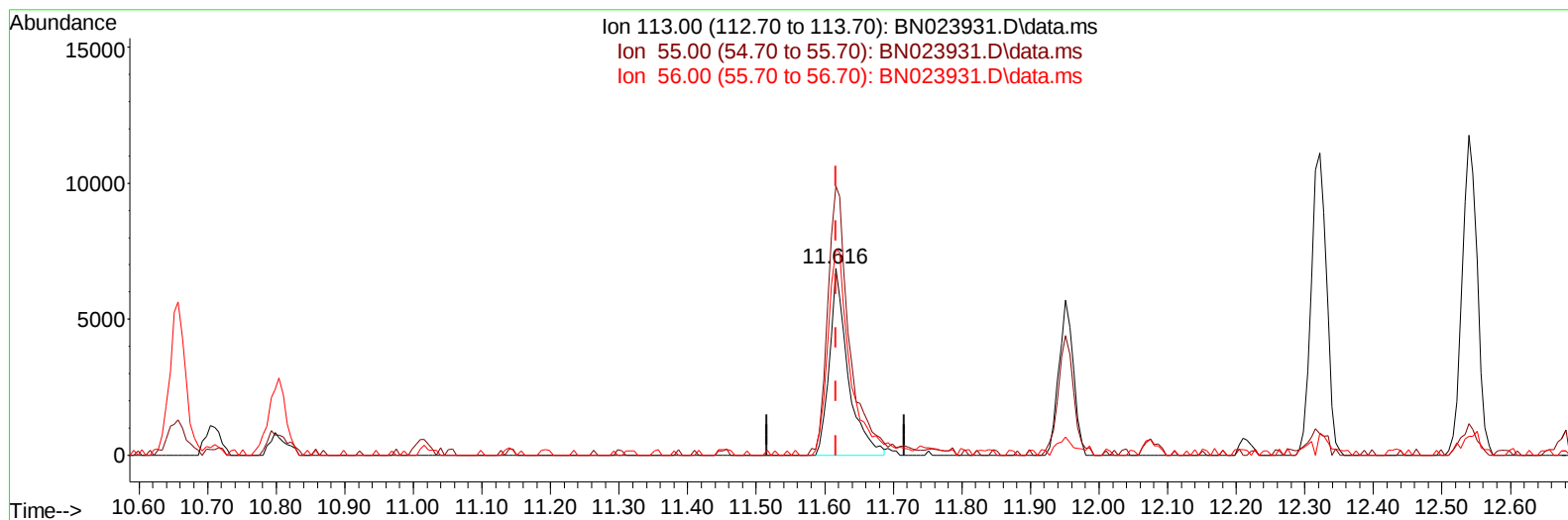
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023931.D
Acq On : 03 Feb 2023 07:49
Operator : CG/JU
Sample : 01294-02MS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A44N8MS

Manual IntegrationsAPPROVED

Quant Time: Feb 03 21:49:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 02:10:45 2023
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/06/2023
Supervised By :mohammad ahmed 02/06/2023



TIC: BN023931.D\data.ms

(34) Caprolactam

11.616min (-0.000) 3.36 ng/u1

response 12796

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.00	143.95
56.00	117.60	110.07
0.00	0.00	0.00

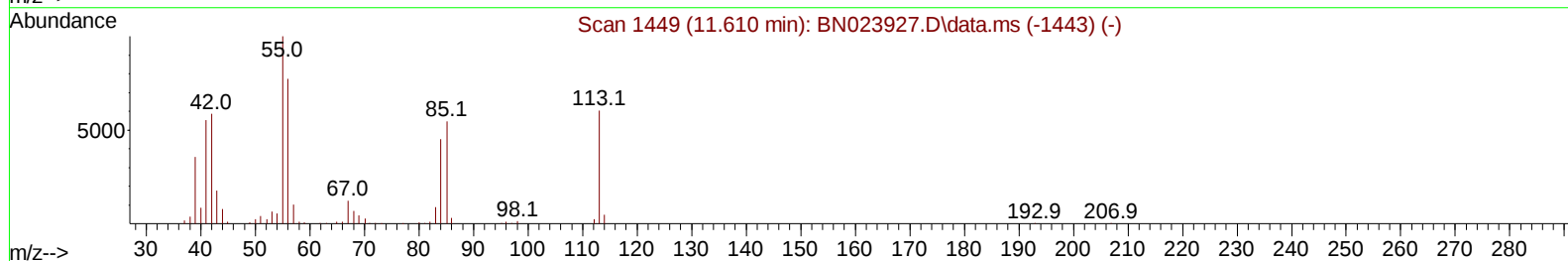
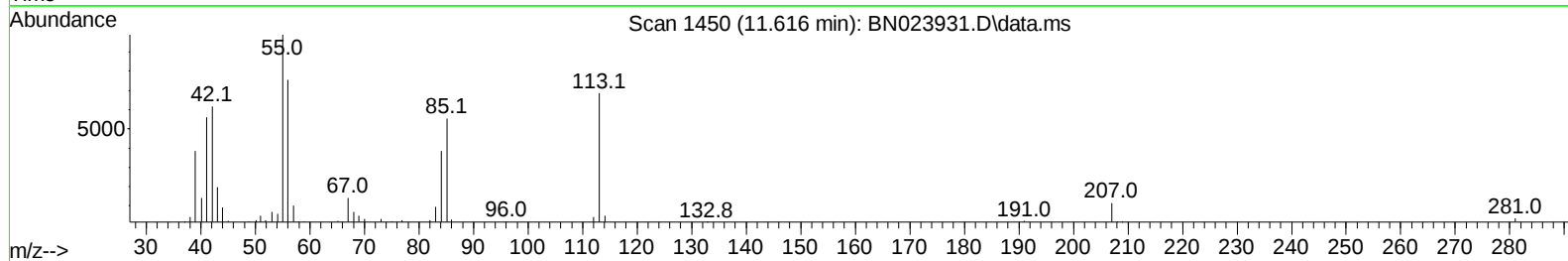
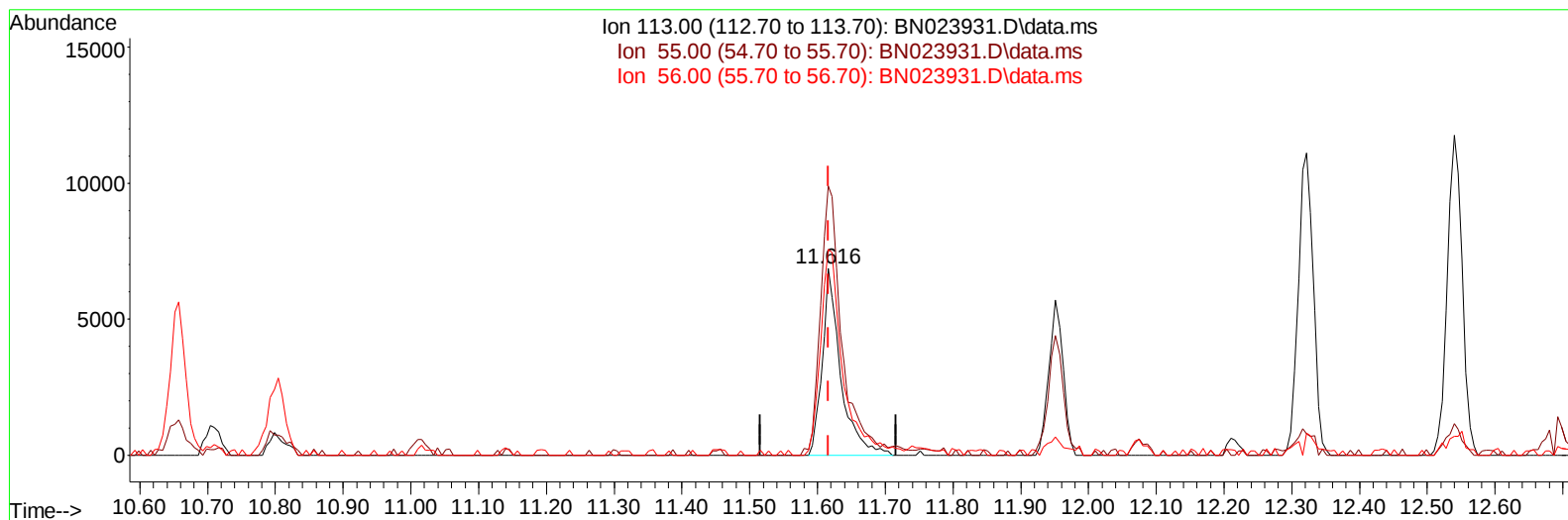
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TIC: BN023931.D\data.ms

(34) Caprolactam

11.616min (-0.000) 3.41 ng/ul m

response 12994

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.00	143.95
56.00	117.60	110.07
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	7.846	152	169171	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	733445	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	470554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1037782	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	906689	20.000	ng/ul	0.00
88) Perylene-d12	23.845	264	851752	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	16165	3.857	ng/uL	0.00
4) Pyridine-d5	3.669	84	31957	2.729	ng/ul	0.00
7) Phenol-d5	7.016	99	66716	4.516	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	232342	24.886	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	212086	18.361	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	134541	11.481	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	144742	24.323	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	155237	22.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	281506	22.266	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	324356	18.806	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1154284	30.725	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1152460	28.358	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	35077	5.150	ng/ul	0.00
60) Fluorene-d10	15.498	176	950275	30.173	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	220409	30.014	ng/ul	0.00
73) Anthracene-d10	17.351	188	1534118	31.753	ng/ul	0.00
81) Pyrene-d10	19.645	212	1806721	32.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	1447072	32.734	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	16327	3.781	ng/ul#	85
5) Pyridine	3.687	79	38393	3.263	ng/ul	97
6) Benzaldehyde	6.987	77	244008	37.985	ng/ul	99
8) Phenol	7.046	94	72397	4.875	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	285757	23.617	ng/ul	100
12) 2-Chlorophenol	7.410	128	206941	17.704	ng/ul	98
13) 2-Methylphenol	8.298	108	149078	13.230	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.387	45	360384	23.325	ng/ul	99
16) Acetophenone	8.681	105	439664	24.224	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.663	70	239923	24.080	ng/ul	96
18) 4-Methylphenol	8.628	108	137736	11.285	ng/ul	98
19) Hexachloroethane	8.928	117	114178	23.323	ng/ul	96
22) Nitrobenzene	9.063	77	354948	23.760	ng/ul	99
23) Isophorone	9.587	82	666483	23.638	ng/ul	100
25) 2-Nitrophenol	9.775	139	159777	22.724	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	262703	18.867	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	397370	23.068	ng/ul	97
29) 2,4-Dichlorophenol	10.310	162	261995	21.475	ng/ul	99
30) Naphthalene	10.710	128	947967	23.866	ng/ul	100
32) 4-Chloroaniline	10.828	127	319329	18.603	ng/ul	99
33) Hexachlorobutadiene	10.987	225	201257	23.541	ng/ul	98
34) Caprolactam	11.616	113	12994m	3.408	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	270100	20.655	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.322	142	648807	24.039	ng/ul	97
37) 1-Methylnaphthalene	12.539	142	680414	24.642	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	404741	25.033	ng/ul	98
40) Hexachlorocyclopentadiene	12.663	237	201028	17.270	ng/ul	96
41) 2,4,6-Trichlorophenol	12.934	196	269381	25.252	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	305672	26.454	ng/ul	99
43) 1,1'-Biphenyl	13.334	154	934934	25.213	ng/ul	98
44) 2-Chloronaphthalene	13.375	162	723331	25.070	ng/ul	98
45) 2-Nitroaniline	13.592	65	250342	28.897	ng/ul	96
47) Dimethylphthalate	13.969	163	1055357	28.306	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	226626	30.659	ng/ul	93
50) Acenaphthylene	14.228	152	1164158	26.671	ng/ul	98
51) 3-Nitroaniline	14.416	138	205672	30.910	ng/ul	98
52) Acenaphthene	14.569	153	805017	26.568	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	128263	24.683	ng/ul	95
55) 4-Nitrophenol	14.728	109	32539	5.620	ng/ul	97
56) Dibenzofuran	14.904	168	1198838	27.735	ng/ul	100
57) 2,4-Dinitrotoluene	14.875	165	331533	31.701	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.128	232	292567	28.391	ng/ul	95
59) Diethylphthalate	15.328	149	1103965	29.799	ng/ul	98
61) Fluorene	15.551	166	1010189	28.577	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.545	204	536696	28.941	ng/ul	98
63) 4-Nitroaniline	15.586	138	221340	36.651	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.639	198	203314	28.755	ng/ul	97
67) N-Nitrosodiphenylamine	15.763	169	893329	29.812	ng/ul	98
68) 4-Bromophenyl-phenylether	16.445	248	361146	29.713	ng/ul	94
69) Hexachlorobenzene	16.551	284	418352	29.793	ng/ul	91
70) Atrazine	16.722	200	317228	26.348	ng/ul	99
71) Pentachlorophenol	16.898	266	258138	28.712	ng/ul	100
72) Phenanthrene	17.292	178	1685095	30.149	ng/ul	99
74) Anthracene	17.386	178	1682947	30.210	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	405972	25.427	ng/uL	94
76) Pentachlorobenzene	14.822	250	457355	28.724	ng/uL	97
77) Carbazole	17.663	167	1495715	30.640	ng/ul	99
78) Di-n-butylphthalate	18.221	149	1928941	18.436	ng/ul	100
80) Fluoranthene	19.310	202	1996247	31.064	ng/ul	100
82) Pyrene	19.674	202	2033040	31.103	ng/ul	100
83) Butylbenzylphthalate	20.574	149	850565	31.201	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.362	252	455292	21.380	ng/ul	96
85) Benzo(a)anthracene	21.427	228	1935794	30.809	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	1276269	31.734	ng/ul	97
87) Chrysene	21.480	228	1795877	30.976	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	1990290	31.066	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1796595	30.584	ng/ul	100
91) Benzo(k)fluoranthene	23.162	252	1721604	31.035	ng/ul	98
93) Benzo(a)pyrene	23.733	252	1503332	30.419	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.321	276	1790869	30.030	ng/ul	99
95) Dibenzo(a,h)anthracene	26.345	278	1502259	30.458	ng/ul	99
96) Benzo(g,h,i)perylene	27.097	276	1476357	31.440	ng/ul	97

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

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