

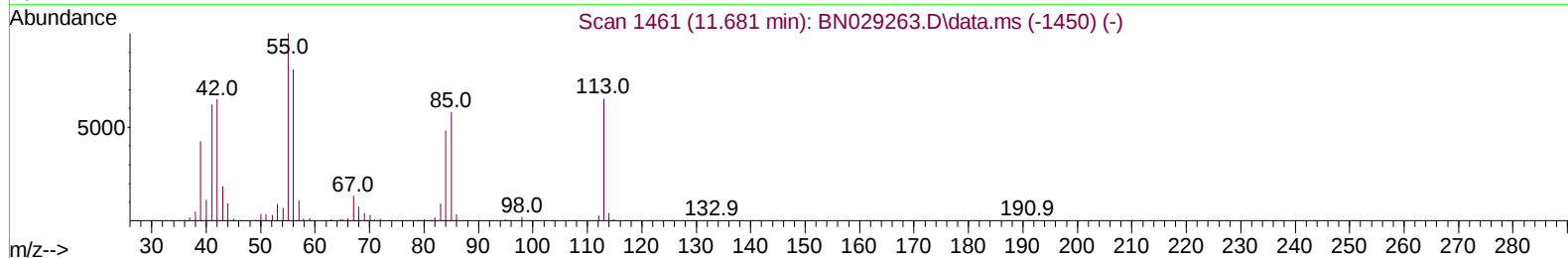
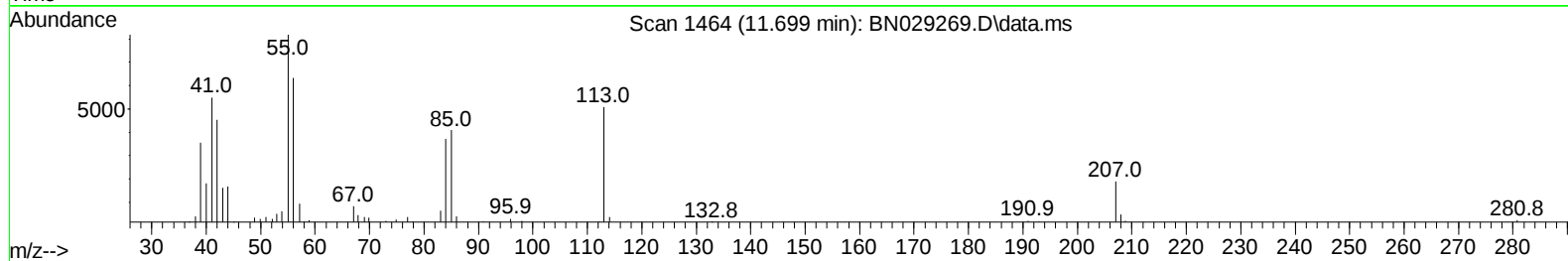
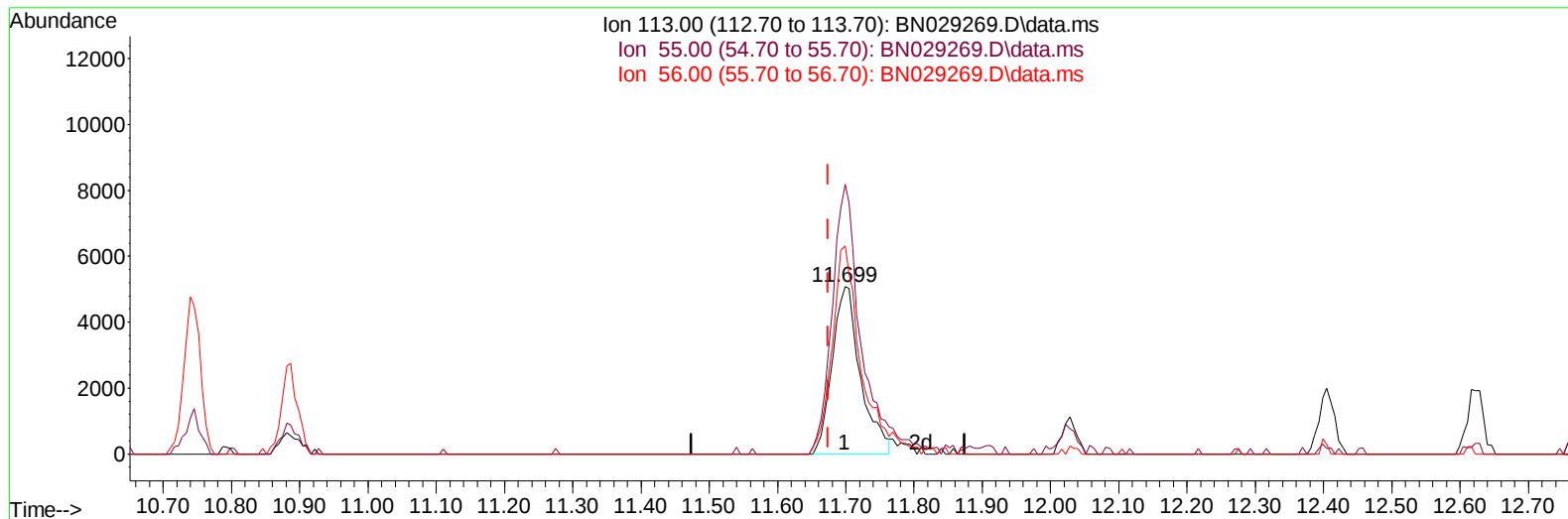
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
 Data File : BN029269.D
 Acq On : 17 Jan 2024 13:24
 Operator : MA/JU
 Sample : 03573-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2023-06

Manual IntegrationsAPPROVED

Quant Time: Jan 17 14:23:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/18/2024
 Supervised By :Sohil Jodhani 01/18/2024



TIC: BN029269.D\data.ms

(34) Caprolactam

11.699min (+ 0.024) 3.92 ng/ul

response 14624

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	160.68
56.00	120.60	124.24
0.00	0.00	0.00

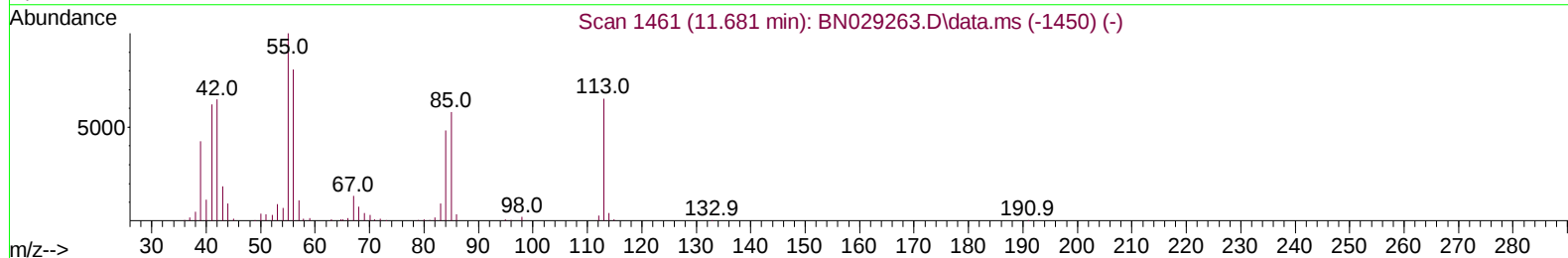
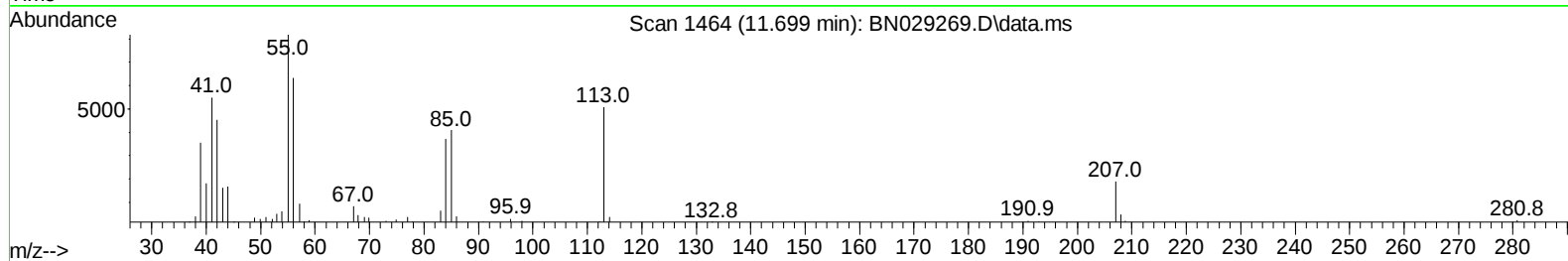
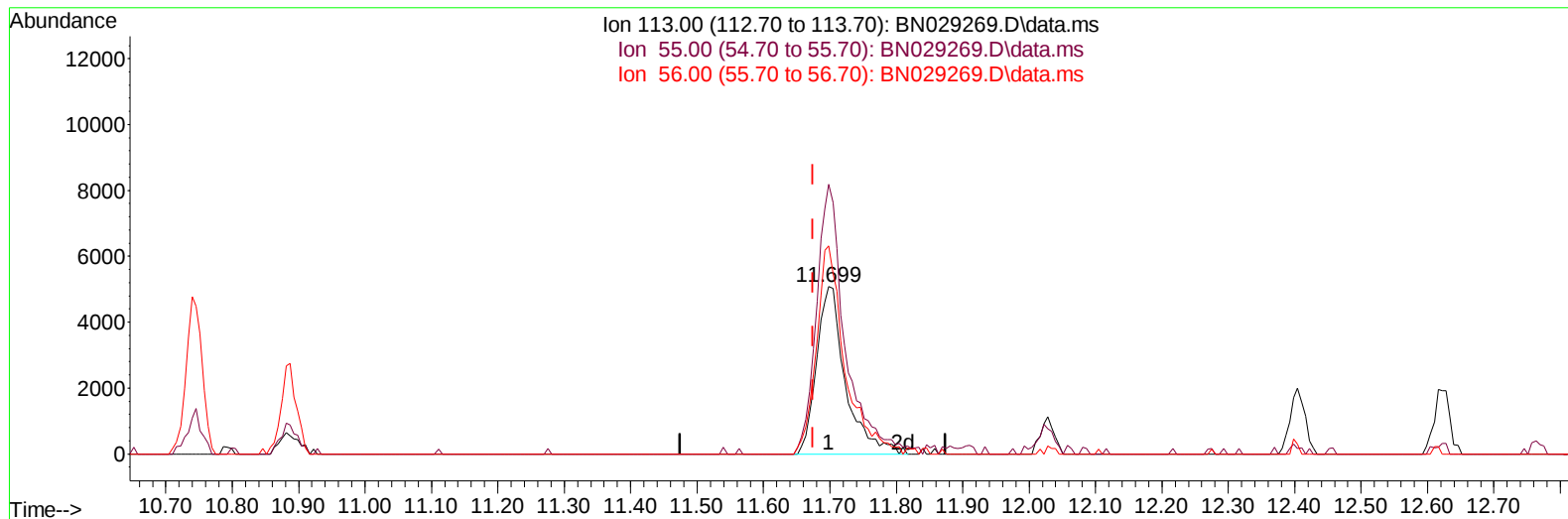
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TIC: BN029269.D\data.ms

(34) Caprolactam

11.699min (+ 0.024) 4.11 ng/ul m

response 15333

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	160.68
56.00	120.60	124.24
0.00	0.00	0.00

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Quant Time: Jan 17 14:24:44 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	137321	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	625487	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	424649	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	961043	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240	981051	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1119388	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	16147	4.856	ng/uL	0.00
4) Pyridine-d5	3.781	84	228774	22.307	ng/ul	0.00
7) Phenol-d5	7.099	99	264536	20.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	180180	21.682	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	203852	21.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	217366	20.462	ng/ul	0.00
21) Nitrobenzene-d5	9.111	128	107343	23.656	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	86977	23.113	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	196876	21.017	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	332607	19.619	ng/ul	0.00
46) Dimethylphthalate-d6	13.999	166	752911	21.539	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	838017	21.288	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	116422	19.137	ng/ul	0.00
60) Fluorene-d10	15.575	176	655001	21.987	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.693	200	68371	16.917	ng/ul	0.00
73) Anthracene-d10	17.428	188	1002554	20.752	ng/ul	0.00
81) Pyrene-d10	19.728	212	1210317	22.202	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1280739	22.199	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	3760	1.115	ng/ul#	96
5) Pyridine	3.799	79	44987	4.294	ng/ul#	57
6) Benzaldehyde	7.087	77	35887	6.069	ng/ul	100
8) Phenol	7.128	94	54279	4.053	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.375	93	46064	4.238	ng/ul	98
12) 2-Chlorophenol	7.499	128	41686	4.297	ng/ul	98
13) 2-Methylphenol	8.381	108	38514	3.776	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.481	45	62193	4.475	ng/ul	98
16) Acetophenone	8.769	105	74881	4.160	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.758	70	39547	4.175	ng/ul	99
18) 4-Methylphenol	8.711	108	44592	4.062	ng/ul	96
19) Hexachloroethane	9.016	117	18846	4.279	ng/ul	95
22) Nitrobenzene	9.152	77	59697	4.758	ng/ul	97
23) Isophorone	9.675	82	106310	3.987	ng/ul	98
25) 2-Nitrophenol	9.858	139	18794	4.265	ng/ul	98
26) 2,4-Dimethylphenol	9.916	107	48239	4.095	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.169	93	66384	4.423	ng/ul	97
29) 2,4-Dichlorophenol	10.387	162	39643	4.303	ng/ul	97
30) Naphthalene	10.793	128	155604	4.363	ng/ul	99
32) 4-Chloroaniline	10.910	127	66499	4.032	ng/ul	99
33) Hexachlorobutadiene	11.069	225	27984	4.304	ng/ul	95
34) Caprolactam	11.699	113	15333m	4.107	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	43306	3.962	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	105116	4.214	ng/ul	97
37) 1-Methylnaphthalene	12.622	142	110160	4.451	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.763	216	54911	4.149	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	36379	4.105	ng/ul	92
41) 2,4,6-Trichlorophenol	13.010	196	26148	3.566	ng/ul	97
42) 2,4,5-Trichlorophenol	13.075	196	31744	3.856	ng/ul	93
43) 1,1'-Biphenyl	13.416	154	146590	4.284	ng/ul	97
44) 2-Chloronaphthalene	13.457	162	113725	4.254	ng/ul	97
45) 2-Nitroaniline	13.663	65	28734	4.055	ng/ul	96
47) Dimethylphthalate	14.046	163	153190	4.304	ng/ul	98
48) 2,6-Dinitrotoluene	14.169	165	21982	3.820	ng/ul	92
50) Acenaphthylene	14.298	152	191515	4.193	ng/ul	99
51) 3-Nitroaniline	14.493	138	23956	3.832	ng/ul	97
52) Acenaphthene	14.640	153	125471	4.185	ng/ul	100
53) 2,4-Dinitrophenol	14.698	184	11898	4.838	ng/ul	96
55) 4-Nitrophenol	14.793	109	26606	4.774	ng/ul	95
56) Dibenzofuran	14.981	168	173444	4.278	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	32997	3.915	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.198	232	23638	3.480	ng/ul	96
59) Diethylphthalate	15.416	149	150889	4.064	ng/ul	98
61) Fluorene	15.628	166	147396	4.198	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.628	204	72372	4.218	ng/ul	97
63) 4-Nitroaniline	15.651	138	25807	4.192	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.704	198	18276	3.927	ng/ul#	75
67) N-Nitrosodiphenylamine	15.845	169	121318	4.163	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	31285	2.912	ng/ul	96
69) Hexachlorobenzene	16.622	284	52314	4.046	ng/ul	94
70) Atrazine	16.804	200	49130	4.440	ng/ul	97
71) Pentachlorophenol	16.969	266	25976	3.719	ng/ul	98
72) Phenanthrene	17.375	178	238883	4.284	ng/ul	98
74) Anthracene	17.463	178	232914	4.023	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	54662	4.207	ng/uL	94
76) Pentachlorobenzene	14.887	250	61689	4.586	ng/uL	95
77) Carbazole	17.739	167	205749	3.843	ng/ul	98
78) Di-n-butylphthalate	18.322	149	236551	3.623	ng/ul	99
80) Fluoranthene	19.392	202	260317	4.041	ng/ul	99
82) Pyrene	19.757	202	292334	4.273	ng/ul	98
83) Butylbenzylphthalate	20.680	149	90593	3.386	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.451	252	89124	3.916	ng/ul#	95
85) Benzo(a)anthracene	21.516	228	300580	4.158	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.469	149	151438	3.428	ng/ul	98
87) Chrysene	21.569	228	269315	4.028	ng/ul	97
89) Di-n-octyl phthalate	22.416	149	231182	2.930	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	290939	4.099	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	290321	4.104	ng/ul	97
93) Benzo(a)pyrene	23.833	252	276416	4.107	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.439	276	322400	3.785	ng/ul	98
95) Dibenzo(a,h)anthracene	26.474	278	270348	3.806	ng/ul	98
96) Benzo(g,h,i)perylene	27.204	276	255305	3.753	ng/ul	98

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

Instrument :

BNA_N

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