

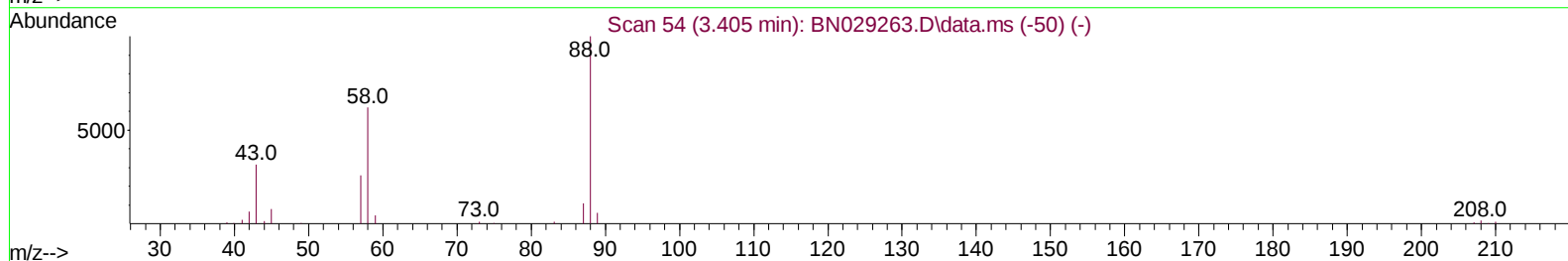
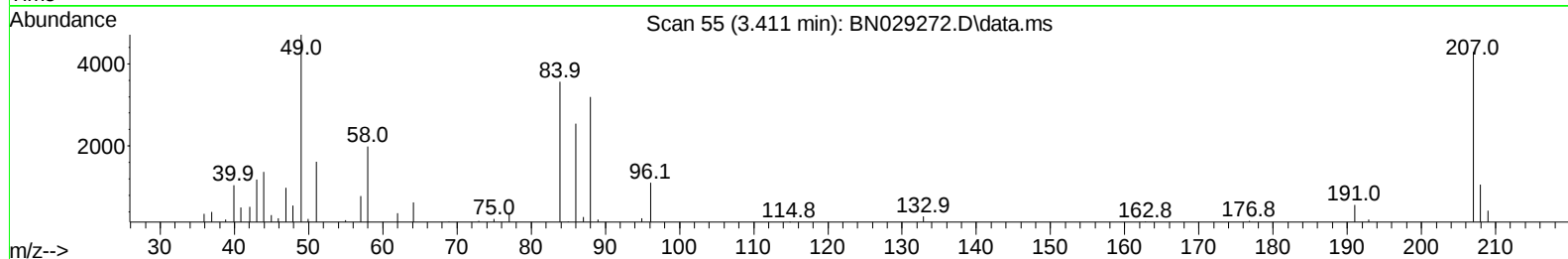
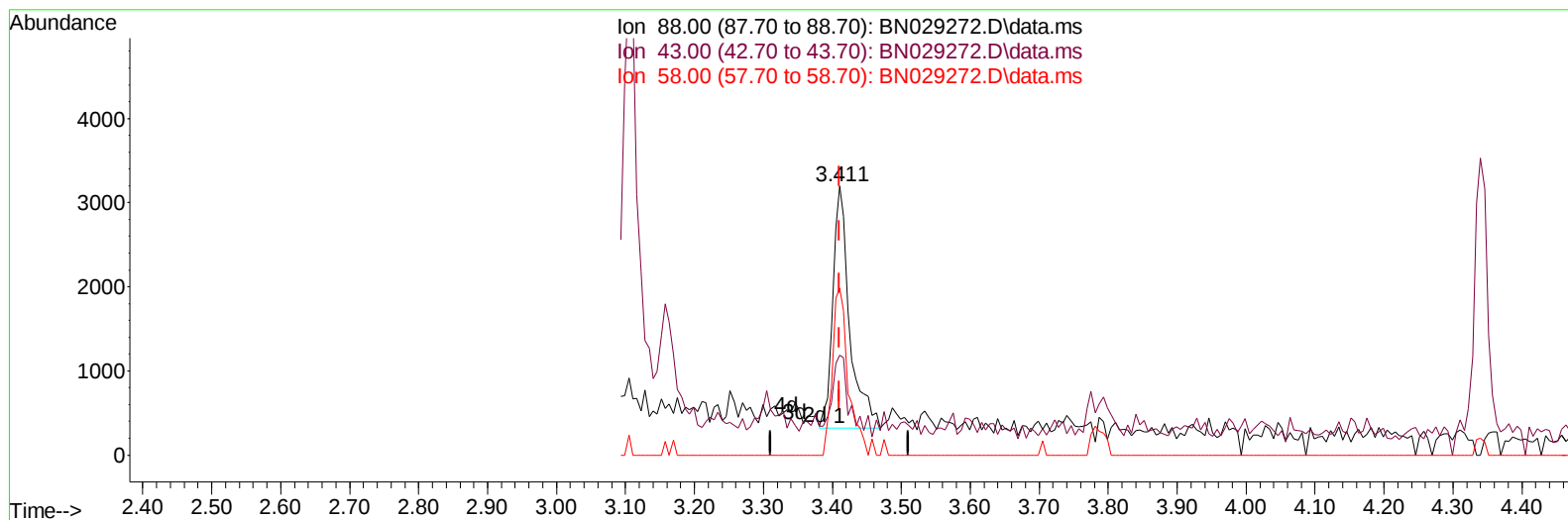
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011724\
Data File : BN029272.D
Acq On : 17 Jan 2024 15:12
Operator : MA/JU
Sample : 04696-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT4-2023-08

Manual IntegrationsAPPROVED

Quant Time: Jan 17 15:52:25 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: BN029272.D\data.ms

(2) 1,4-Dioxane

3.411min (+ 0.000) 1.31 ng/uL

response 4865

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	32.90	37.23
58.00	62.10	62.02
0.00	0.00	0.00

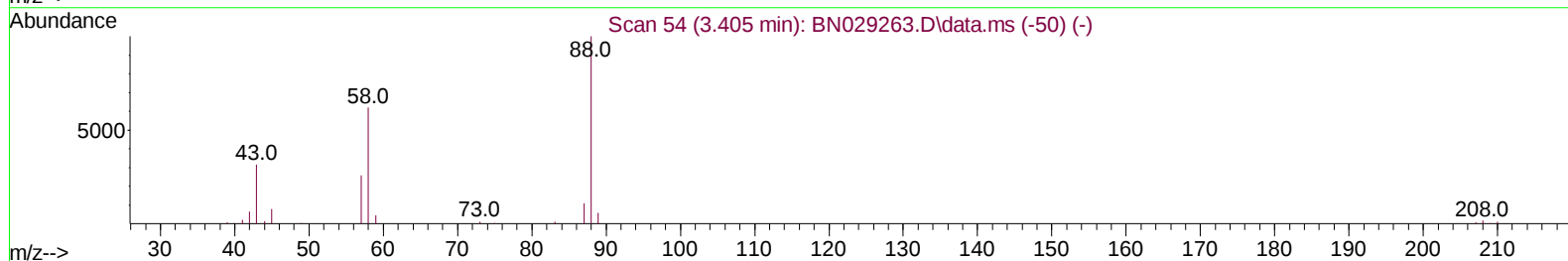
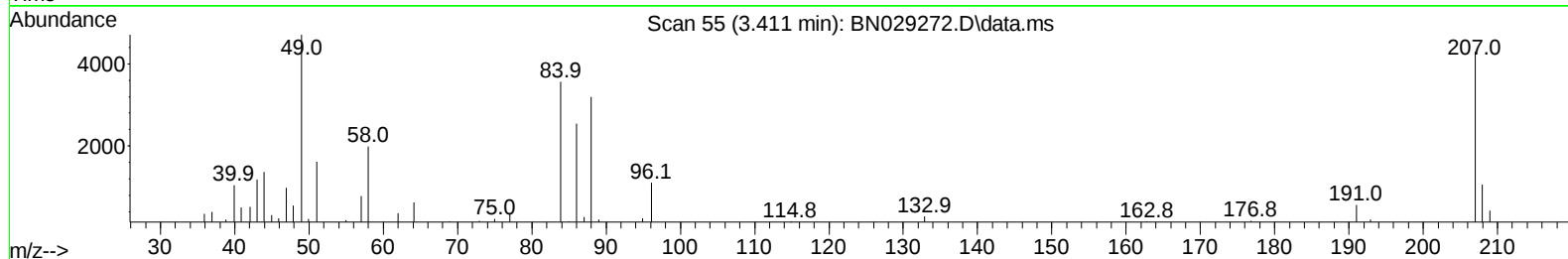
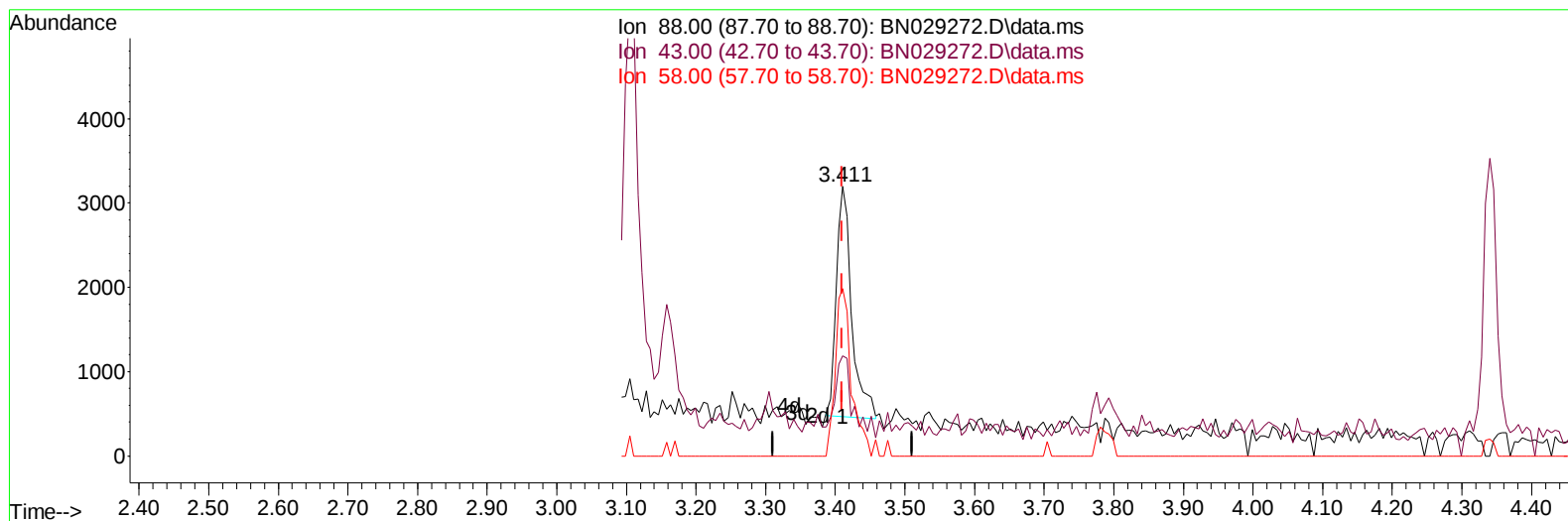
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TIC: BN029272.D\data.ms

(2) 1,4-Dioxane

3.411min (+ 0.000) 1.12 ng/uL m

response 4152

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	32.90	37.23
58.00	62.10	62.02
0.00	0.00	0.00

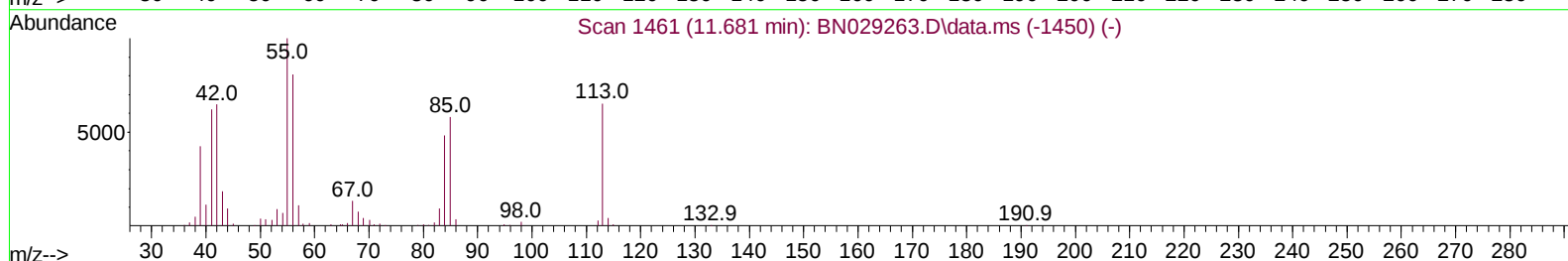
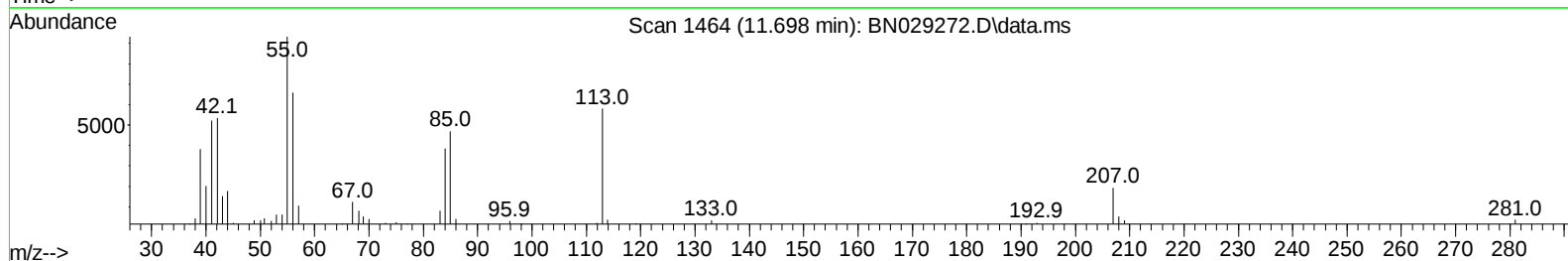
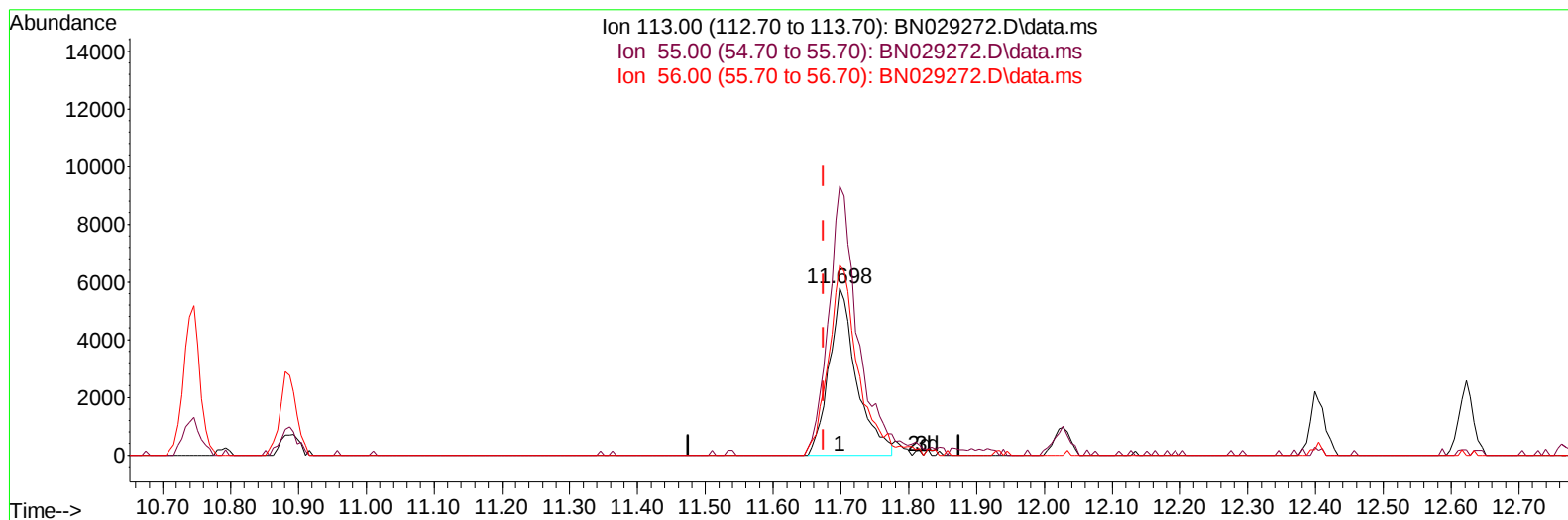
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TIC: BN029272.D\data.ms

(34) Caprolactam

11.698min (+ 0.024) 3.90 ng/ul

response 16211

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	160.71
56.00	120.60	113.60
0.00	0.00	0.00

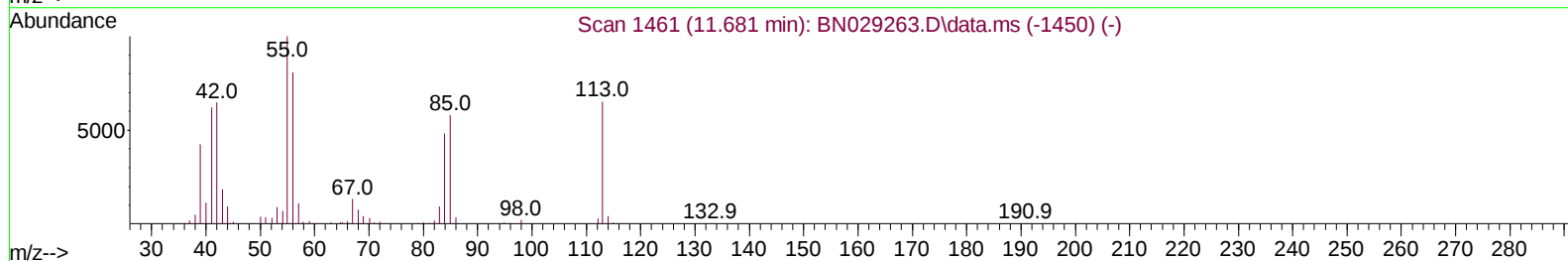
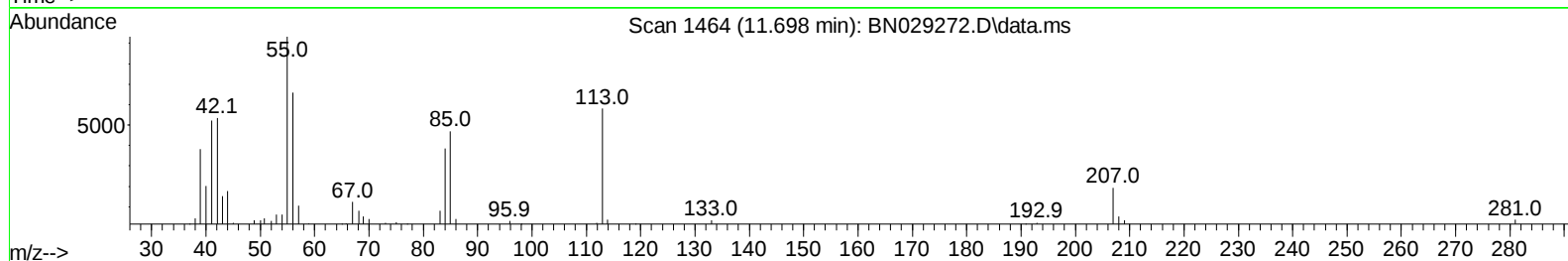
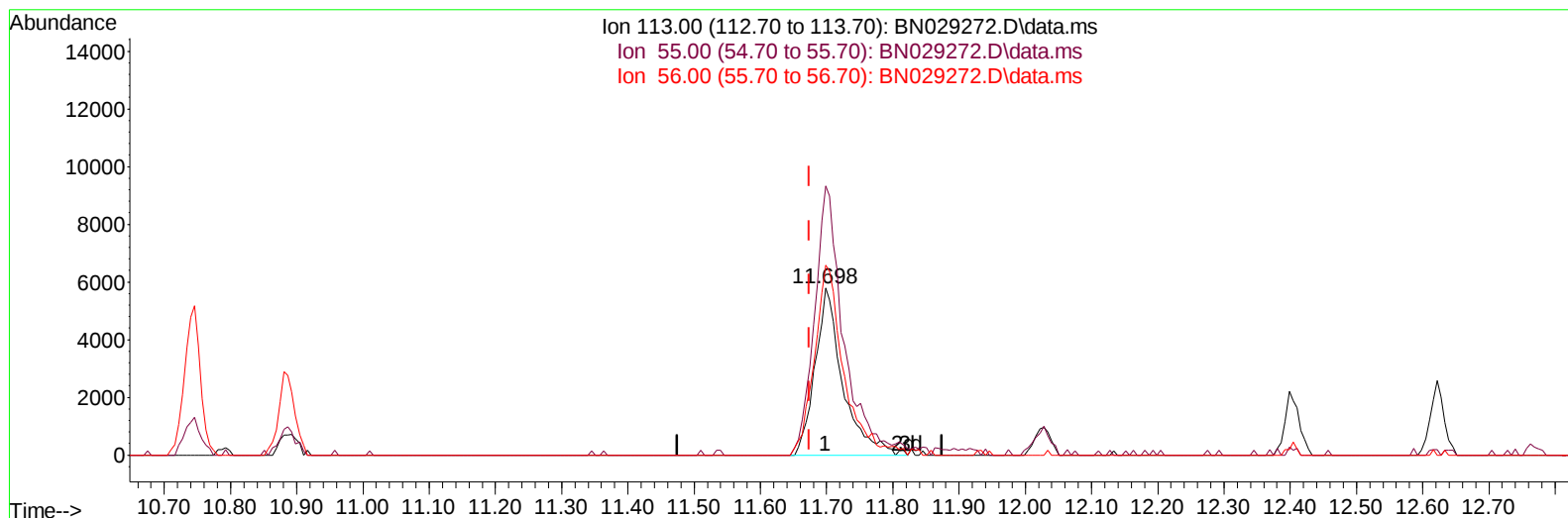
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Instrument :
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TIC: BN029272.D\data.ms

(34) Caprolactam

11.698min (+ 0.024) 4.03 ng/ul m

response 16789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	160.71
56.00	120.60	113.60
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Quant Time: Jan 17 16:45:25 2024
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 QLast Update : Tue Jan 16 03:57:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	150769	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	697155	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	470608	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	1067714	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	1074866	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	1217378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	18955	5.192	ng/uL	0.00
4) Pyridine-d5	3.781	84	259850	23.077	ng/ul	0.00
7) Phenol-d5	7.099	99	297953	20.597	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	197216	21.615	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	227357	22.218	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	241026	20.665	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	118537	23.437	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	98719	23.536	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	217738	20.855	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	363299	19.226	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	831341	21.461	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	931340	21.348	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	128558	19.068	ng/ul	0.00
60) Fluorene-d10	15.575	176	715652	21.677	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	75246	16.758	ng/ul	0.00
73) Anthracene-d10	17.427	188	1071504	19.963	ng/ul	0.00
81) Pyrene-d10	19.727	212	1305701	21.861	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1366862	21.785	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	4152m	1.121	ng/uL	
5) Pyridine	3.805	79	48599	4.225	ng/ul#	73
6) Benzaldehyde	7.087	77	41290	6.360	ng/ul	94
8) Phenol	7.128	94	58843	4.002	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	50921	4.267	ng/ul	99
12) 2-Chlorophenol	7.499	128	46807	4.394	ng/ul	95
13) 2-Methylphenol	8.381	108	43650	3.898	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	67656	4.434	ng/ul	99
16) Acetophenone	8.769	105	81925	4.146	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.757	70	43673	4.199	ng/ul	97
18) 4-Methylphenol	8.710	108	50272	4.171	ng/ul	97
19) Hexachloroethane	9.016	117	20739	4.289	ng/ul	98
22) Nitrobenzene	9.151	77	63317	4.528	ng/ul	98
23) Isophorone	9.675	82	119525	4.022	ng/ul	98
25) 2-Nitrophenol	9.857	139	21688	4.416	ng/ul	97
26) 2,4-Dimethylphenol	9.916	107	52276	3.981	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.169	93	71409	4.268	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	43910	4.276	ng/ul	97
30) Naphthalene	10.793	128	171811	4.322	ng/ul	99
32) 4-Chloroaniline	10.910	127	73125	3.978	ng/ul	97
33) Hexachlorobutadiene	11.069	225	30155	4.161	ng/ul#	86
34) Caprolactam	11.698	113	16789m	4.034	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	48281	3.963	ng/ul	98

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Manual IntegrationsAPPROVED

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Quant Time: Jan 17 16:45:25 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	117301	4.220	ng/ul	96
37) 1-Methylnaphthalene	12.622	142	120534	4.370	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	61576	4.198	ng/ul#	97
40) Hexachlorocyclopentadiene	12.740	237	39480	4.020	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.010	196	28864	3.552	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	35341	3.873	ng/ul	95
43) 1,1'-Biphenyl	13.416	154	159072	4.194	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	126904	4.284	ng/ul	97
45) 2-Nitroaniline	13.663	65	30573	3.893	ng/ul	100
47) Dimethylphthalate	14.045	163	165177	4.187	ng/ul	99
48) 2,6-Dinitrotoluene	14.169	165	24093	3.778	ng/ul	97
50) Acenaphthylene	14.304	152	209036	4.130	ng/ul	98
51) 3-Nitroaniline	14.492	138	26900	3.883	ng/ul	95
52) Acenaphthene	14.645	153	138526	4.169	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	13054	4.789	ng/ul	94
55) 4-Nitrophenol	14.792	109	28901	4.679	ng/ul	97
56) Dibenzofuran	14.981	168	194222	4.322	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	37138	3.976	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.198	232	26655	3.541	ng/ul	96
59) Diethylphthalate	15.416	149	167131	4.061	ng/ul	98
61) Fluorene	15.628	166	159437	4.097	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.628	204	81037	4.262	ng/ul	98
63) 4-Nitroaniline	15.651	138	28923	4.240	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.704	198	20805	4.024	ng/ul#	77
67) N-Nitrosodiphenylamine	15.845	169	134333	4.149	ng/ul	96
68) 4-Bromophenyl-phenylether	16.528	248	34619	2.901	ng/ul	91
69) Hexachlorobenzene	16.622	284	57808	4.024	ng/ul	91
70) Atrazine	16.804	200	53558	4.357	ng/ul	93
71) Pentachlorophenol	16.969	266	28838	3.716	ng/ul	95
72) Phenanthrene	17.369	178	260062	4.198	ng/ul	99
74) Anthracene	17.463	178	255425	3.971	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	59793	4.142	ng/uL	93
76) Pentachlorobenzene	14.886	250	67350	4.507	ng/uL	97
77) Carbazole	17.739	167	224936	3.781	ng/ul	98
78) Di-n-butylphthalate	18.322	149	264666	3.648	ng/ul	99
80) Fluoranthene	19.392	202	297974	4.222	ng/ul	98
82) Pyrene	19.757	202	320028	4.269	ng/ul	98
83) Butylbenzylphthalate	20.680	149	102239	3.488	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	101251	4.060	ng/ul	97
85) Benzo(a)anthracene	21.510	228	334794	4.227	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.468	149	171128	3.536	ng/ul	98
87) Chrysene	21.568	228	305412	4.169	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	256582	2.990	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	316830	4.104	ng/ul	98
91) Benzo(k)fluoranthene	23.257	252	316270	4.111	ng/ul	96
93) Benzo(a)pyrene	23.833	252	308277	4.212	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.439	276	357021	3.854	ng/ul	98
95) Dibenzo(a,h)anthracene	26.462	278	302664	3.918	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	280643	3.794	ng/ul	98

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

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-QT4-2023-08

Manual IntegrationsAPPROVED

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