

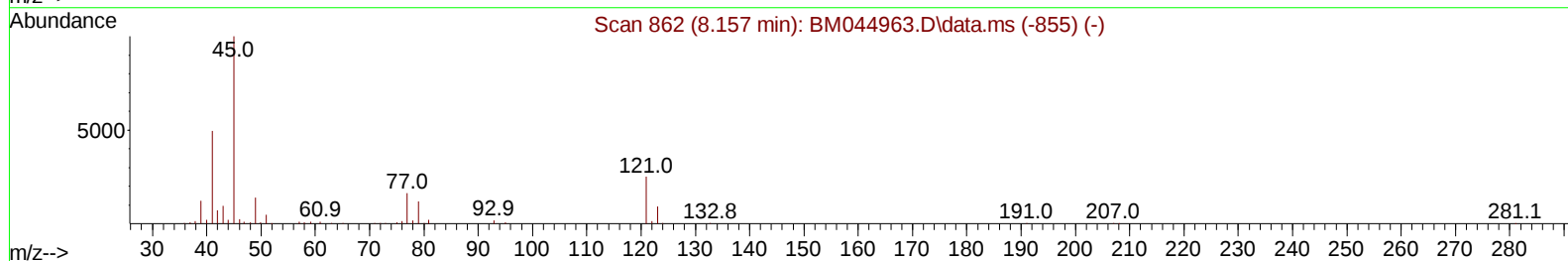
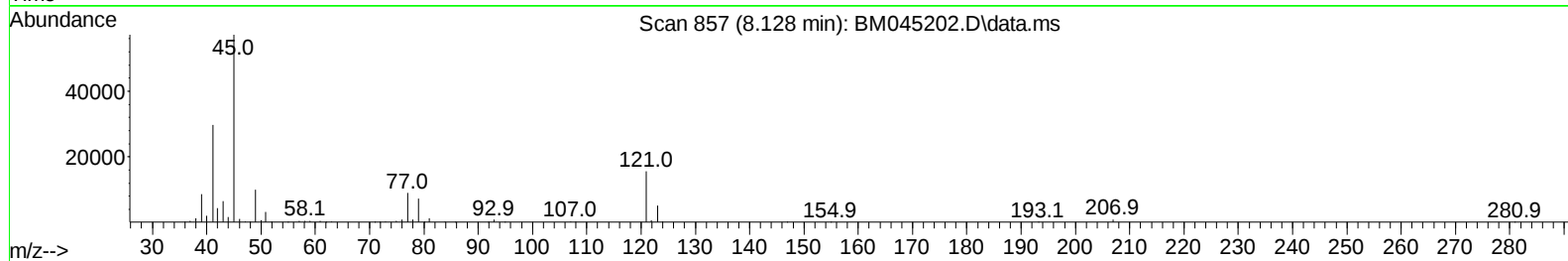
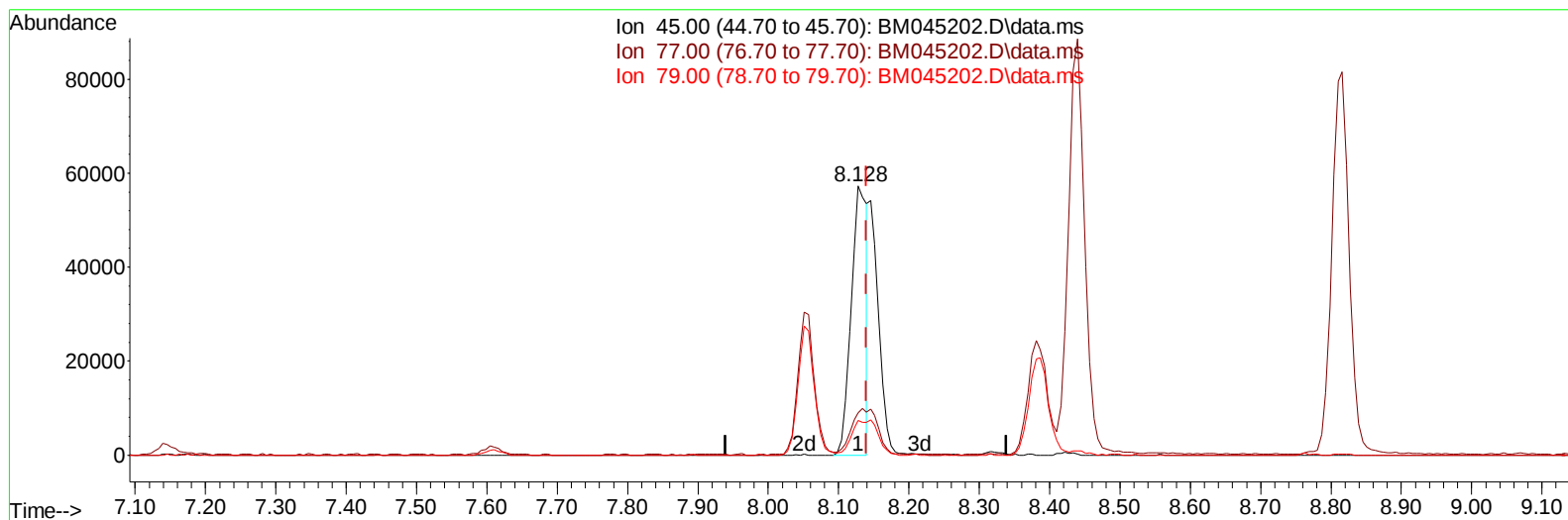
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045202.D
Acq On : 13 Apr 2024 11:07
Operator : MA/JU
Sample : PB160146BS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS146

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Quant Time: Apr 15 02:41:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration



TIC: BM045202.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.128min (-0.012) 16.52 ng/u1

response 88621

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	15.82
79.00	12.60	12.90
0.00	0.00	0.00

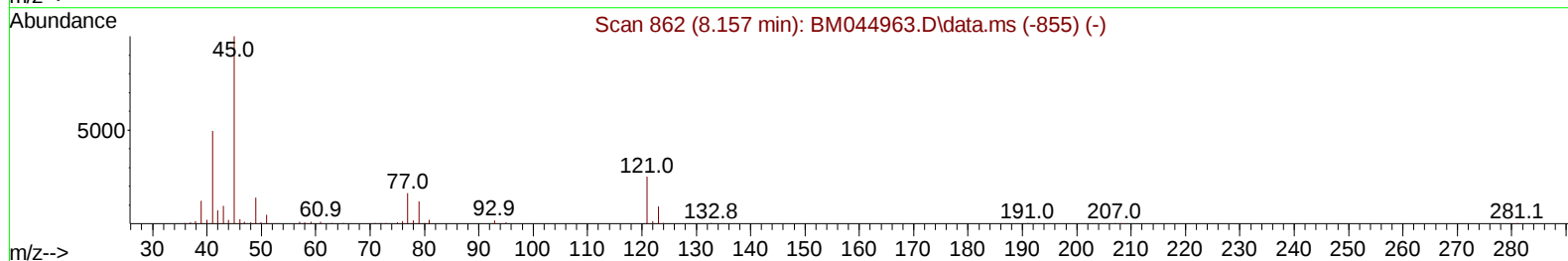
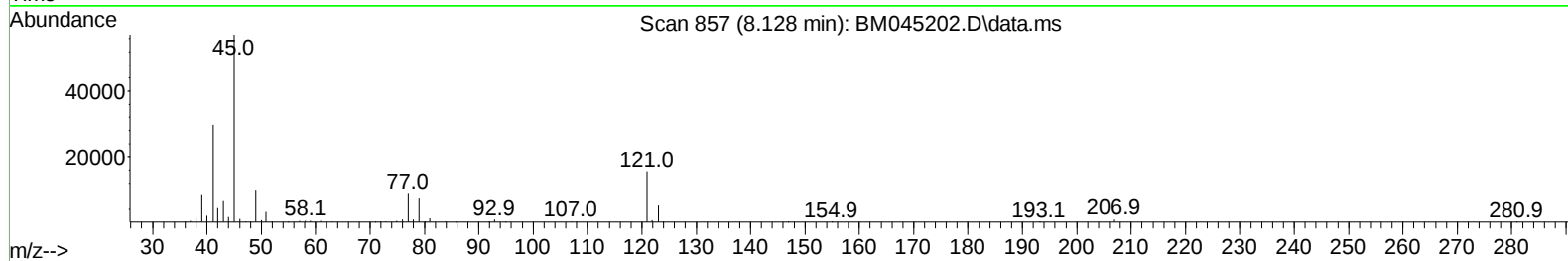
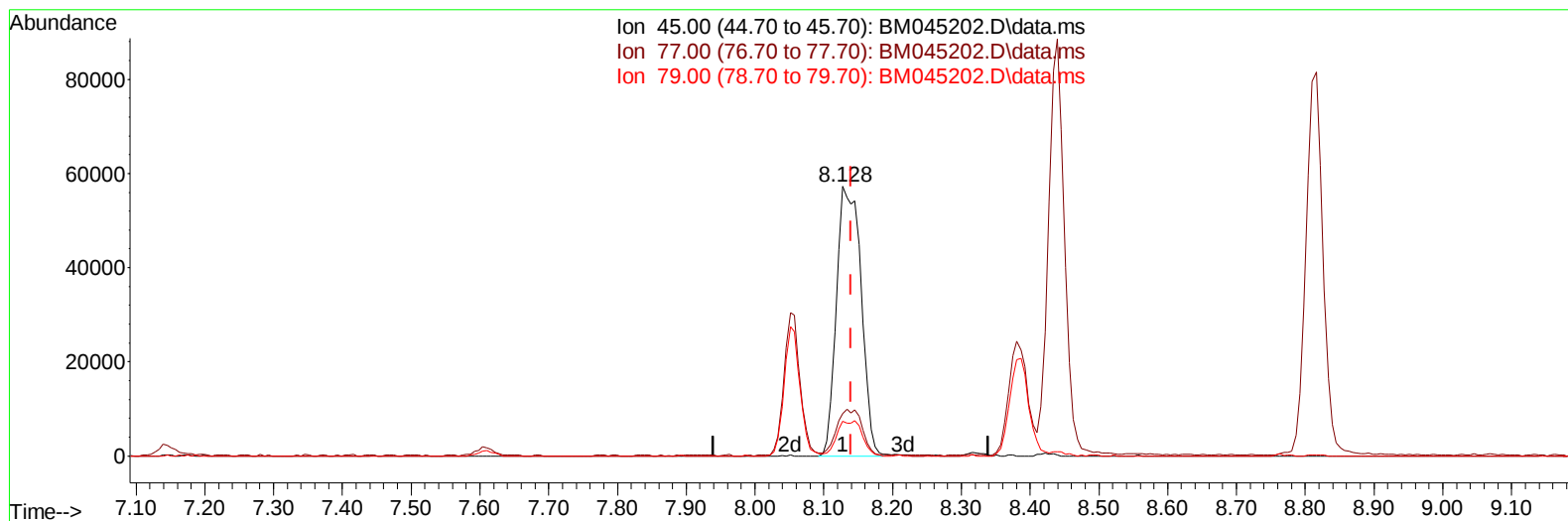
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TIC: BM045202.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.128min (-0.012) 26.44 ng/u1 m

response 141820

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	15.82
79.00	12.60	12.90
0.00	0.00	0.00

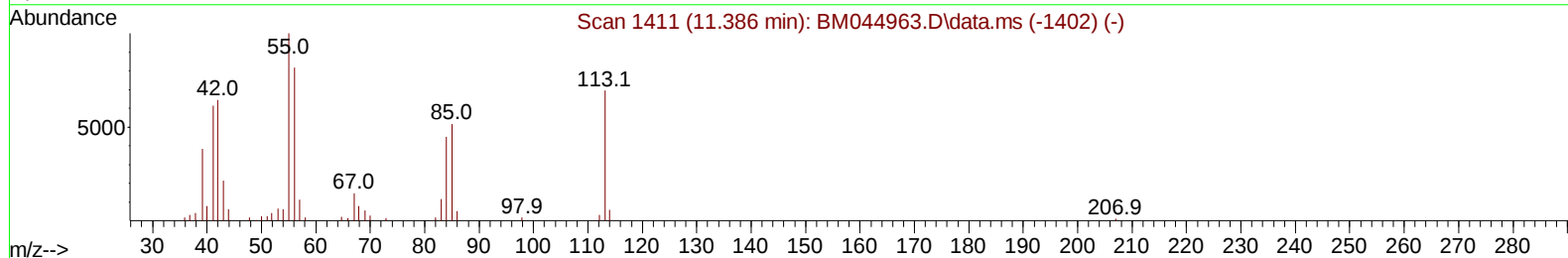
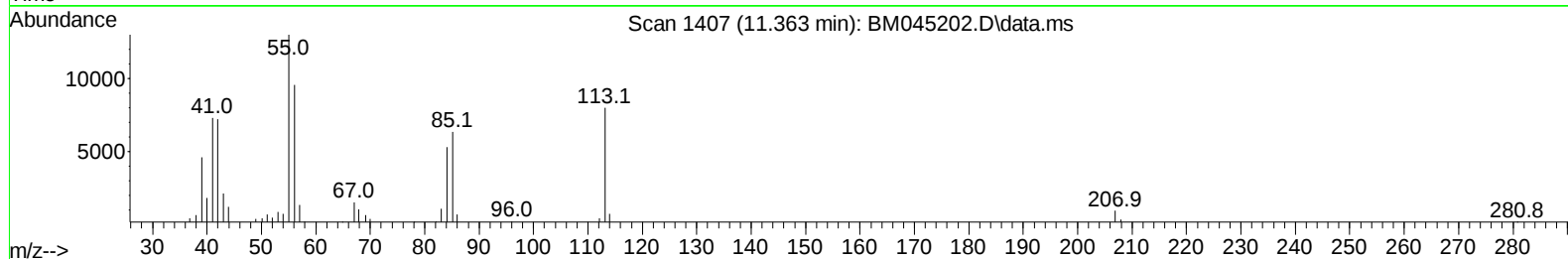
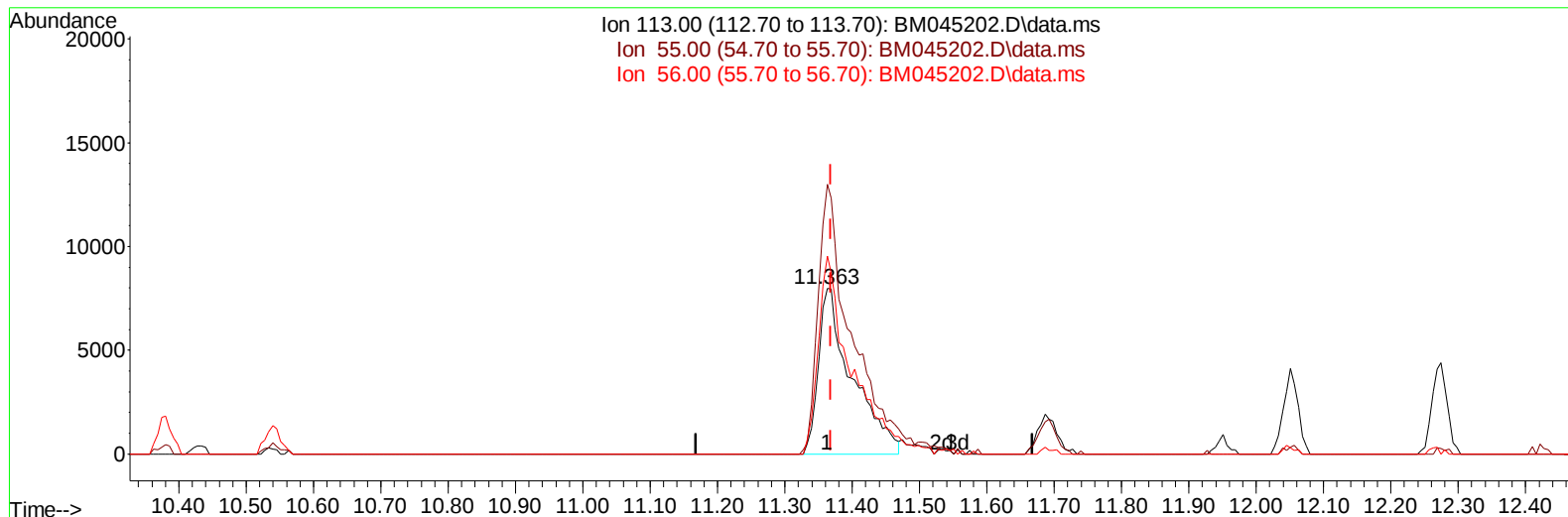
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TIC: BM045202.D\data.ms

(34) Caprolactam

11.363min (-0.006) 21.38 ng/ul

response 27570

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	162.88
56.00	114.80	119.60
0.00	0.00	0.00

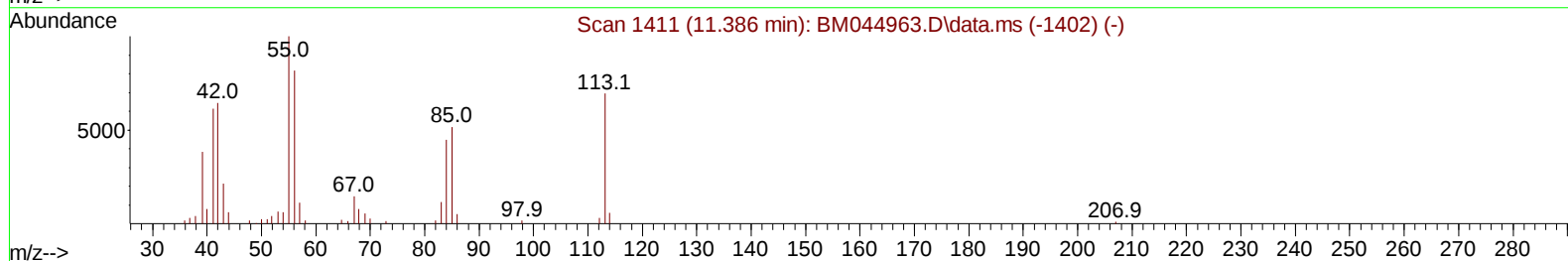
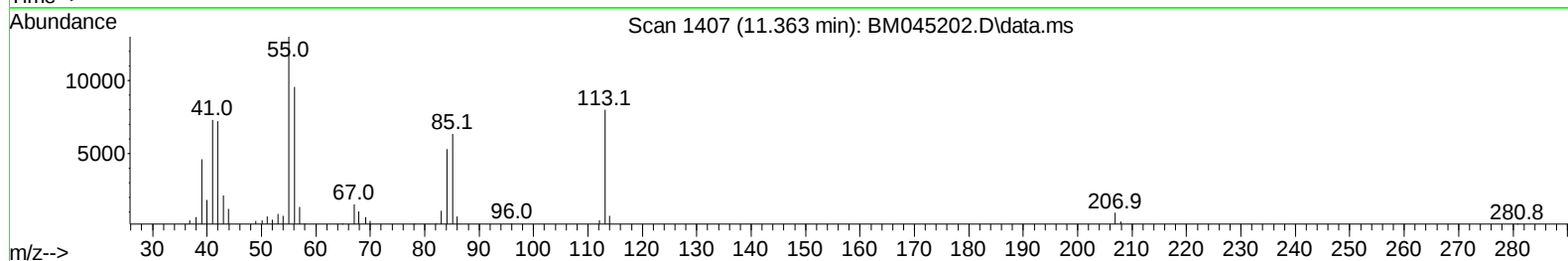
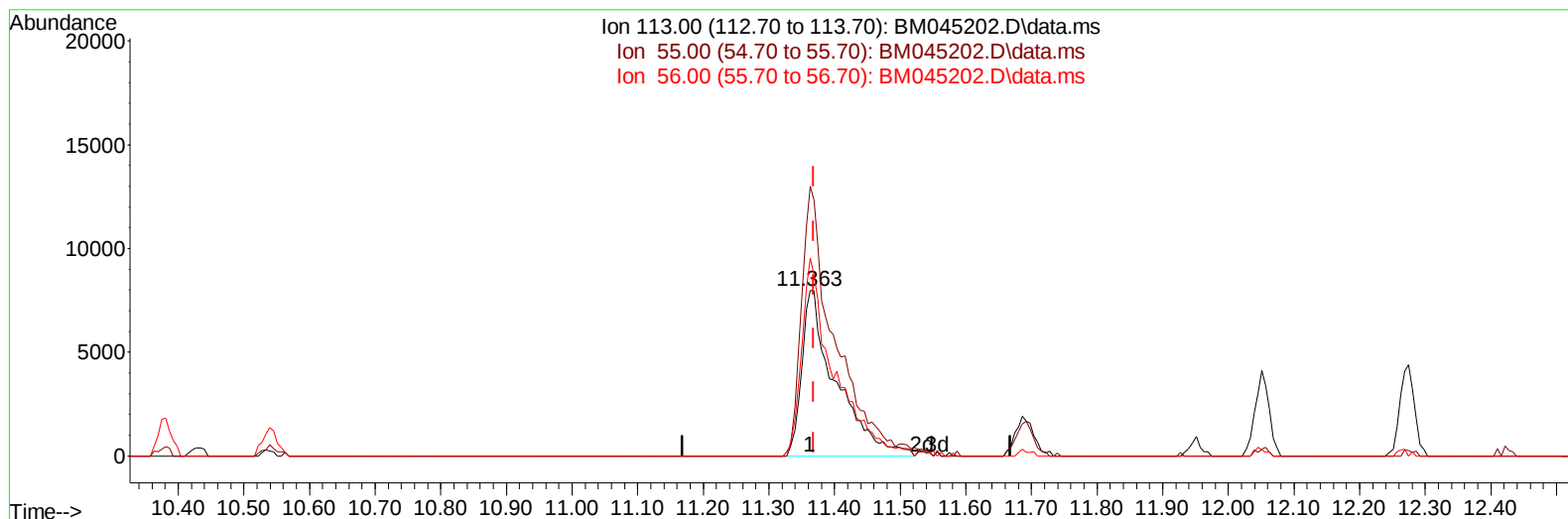
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Instrument :
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Supervised By :mohammad ahmed 04/16/2024



TIC: BM045202.D\data.ms

(34) Caprolactam

11.363min (-0.006) 22.31 ng/ul m

response 28766

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	162.88
56.00	114.80	119.60
0.00	0.00	0.00

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 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS146

Manual IntegrationsAPPROVED

Quant Time: Apr 15 02:58:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	65648	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.380	136	254354	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	136819	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.015	188	244156	20.000	ng/ul	-0.01
79) Chrysene-d12	21.227	240	211854	20.000	ng/ul	0.00
88) Perylene-d12	23.438	264	269913	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	11637	6.619	ng/uL	0.00
4) Pyridine-d5	3.593	84	126048	26.366	ng/ul	-0.01
7) Phenol-d5	6.792	99	154459	27.754	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	94830	28.600	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.145	132	131068	30.061	ng/ul	0.00
15) 4-Methylphenol-d8	8.322	113	115468	26.507	ng/ul	0.00
21) Nitrobenzene-d5	8.769	128	60990	31.217	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	65032	31.536	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.010	165	115722	30.607	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.539	131	151973	25.246	ng/ul	-0.01
46) Dimethylphthalate-d6	13.686	166	280279	29.422	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	351062	31.194	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	41801	21.025	ng/ul	0.00
60) Fluorene-d10	15.257	176	242616	28.567	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	38767	26.779	ng/ul	0.00
73) Anthracene-d10	17.115	188	334280	30.435	ng/ul	-0.01
81) Pyrene-d10	19.421	212	369728	35.443	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.297	264	420302	31.921	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	15010	8.175	ng/uL	89
5) Pyridine	3.616	79	126932	25.058	ng/ul	97
6) Benzaldehyde	6.775	77	87655	33.976	ng/ul	99
8) Phenol	6.822	94	152308	26.428	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.057	93	121595	27.034	ng/ul	97
12) 2-Chlorophenol	7.175	128	128262	28.035	ng/ul	98
13) 2-Methylphenol	8.057	108	108215	25.439	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.128	45	141820m	26.436	ng/ul	
16) Acetophenone	8.439	105	178866	25.255	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.422	70	87068	26.037	ng/ul#	91
18) 4-Methylphenol	8.381	108	119308	26.021	ng/ul	98
19) Hexachloroethane	8.657	117	58248	28.947	ng/ul	96
22) Nitrobenzene	8.816	77	137889	28.766	ng/ul	96
23) Isophorone	9.333	82	236360	26.838	ng/ul	99
25) 2-Nitrophenol	9.516	139	67908	29.669	ng/ul	96
26) 2,4-Dimethylphenol	9.575	107	99517	22.552	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.816	93	145273	27.824	ng/ul	100
29) 2,4-Dichlorophenol	10.039	162	111828	29.275	ng/ul	95
30) Naphthalene	10.428	128	377883	28.065	ng/ul	99
32) 4-Chloroaniline	10.563	127	137724	23.513	ng/ul	98
33) Hexachlorobutadiene	10.692	225	68269	28.744	ng/ul	96
34) Caprolactam	11.363	113	28766m	22.306	ng/ul	
35) 4-Chloro-3-methylphenol	11.686	107	101964	26.852	ng/ul	98

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Apr 15 02:58:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 11 18:54:49 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	240496	27.355	ng/ul	98
37) 1-Methylnaphthalene	12.274	142	239899	26.965	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.422	216	119761	32.007	ng/ul	98
40) Hexachlorocyclopentadiene	12.386	237	54086	23.878	ng/ul	96
41) 2,4,6-Trichlorophenol	12.680	196	76071	31.166	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	80860	30.066	ng/ul	96
43) 1,1'-Biphenyl	13.080	154	296267	30.665	ng/ul	97
44) 2-Chloronaphthalene	13.121	162	237102	30.207	ng/ul	100
45) 2-Nitroaniline	13.357	65	64739	29.879	ng/ul	99
47) Dimethylphthalate	13.733	163	264476	26.561	ng/ul#	99
48) 2,6-Dinitrotoluene	13.863	165	53797	27.565	ng/ul#	88
50) Acenaphthylene	13.974	152	374095	28.461	ng/ul	99
51) 3-Nitroaniline	14.192	138	55642	26.137	ng/ul	96
52) Acenaphthene	14.321	153	244047	27.825	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	22769	19.623	ng/ul	95
55) 4-Nitrophenol	14.510	109	35484	20.294	ng/ul	84
56) Dibenzofuran	14.663	168	333726	27.806	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	74053	25.349	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	14.892	232	62445	27.129	ng/ul	97
59) Diethylphthalate	15.104	149	255605	25.162	ng/ul	99
61) Fluorene	15.315	166	259632	25.666	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.315	204	121718	25.671	ng/ul	97
63) 4-Nitroaniline	15.368	138	45888	23.709	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.415	198	39578	25.529	ng/ul	99
67) N-Nitrosodiphenylamine	15.533	169	210658	31.984	ng/ul	99
68) 4-Bromophenyl-phenylether	16.215	248	73785	31.029	ng/ul	98
69) Hexachlorobenzene	16.310	284	90181	29.154	ng/ul	95
70) Atrazine	16.504	200	63314	26.133	ng/ul	97
71) Pentachlorophenol	16.668	266	47725	25.400	ng/ul	98
72) Phenanthrene	17.057	178	385029	29.304	ng/ul	98
74) Anthracene	17.151	178	378867	28.189	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.039	216	117524	38.190	ng/uL	98
76) Pentachlorobenzene	14.574	250	113632	34.705	ng/uL	98
77) Carbazole	17.439	167	347622	26.823	ng/ul	99
78) Di-n-butylphthalate	18.004	149	388773	26.601	ng/ul	100
80) Fluoranthene	19.086	202	415119	33.739	ng/ul	99
82) Pyrene	19.450	202	444596	33.485	ng/ul	99
83) Butylbenzylphthalate	20.374	149	156455	28.125	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.162	252	121044	25.696	ng/ul	97
85) Benzo(a)anthracene	21.209	228	414035	28.803	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.156	149	214938	24.719	ng/ul	98
87) Chrysene	21.262	228	400500	29.887	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	367706	21.652	ng/ul	100
90) Benzo(b)fluoranthene	22.774	252	453377	28.820	ng/ul	98
91) Benzo(k)fluoranthene	22.821	252	460875	29.106	ng/ul	99
93) Benzo(a)pyrene	23.344	252	400695	26.171	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.656	276	623643	31.445	ng/ul	99
95) Dibenzo(a,h)anthracene	25.674	278	505741	30.500	ng/ul	97
96) Benzo(g,h,i)perylene	26.332	276	497557	31.801	ng/ul	99

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

Instrument :

BNA_M

ClientSampleId :

SLCS146

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/16/2024

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