

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033124\
 Data File : BN030554.D
 Acq On : 30 Mar 2024 17:24
 Operator : MA/JU
 Sample : PB159886BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS886

Manual IntegrationsAPPROVED

Quant Time: Mar 31 12:56:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Mar 31 12:24:07 2024

Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/01/2024
 Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	182385	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	827221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	529621	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1142692	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	1123690	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	1047739	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	31203	8.021	ng/uL	0.00
4) Pyridine-d5	3.599	84	495878	42.516	ng/u1	0.00
7) Phenol-d5	6.864	99	613214	41.562	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	353358	38.776	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	475965	42.525	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	488439	39.501	ng/u1	0.00
21) Nitrobenzene-d5	8.858	128	233292	40.655	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	222231	42.333	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.105	165	482397	41.975	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	112307	5.936	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1464745	41.423	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1686891	41.492	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	300512	44.430	ng/u1	0.00
60) Fluorene-d10	15.340	176	1265593	40.900	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	198670	39.389	ng/u1	0.00
73) Anthracene-d10	17.192	188	1986386	40.346	ng/u1	0.00
81) Pyrene-d10	19.492	212	2336297	38.671	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1847754	38.274	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	62437	14.984	ng/uL	99
5) Pyridine	3.623	79	443107	37.650	ng/u1	100
6) Benzaldehyde	6.846	77	160814	23.405	ng/u1	97
8) Phenol	6.893	94	633400	41.210	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	490043	39.098	ng/u1	99
12) 2-Chlorophenol	7.263	128	499594	41.610	ng/u1	96
13) 2-Methylphenol	8.140	108	470514	39.726	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.228	45	672774	38.120	ng/u1	99
16) Acetophenone	8.522	105	732949	37.542	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.510	70	373439	37.978	ng/u1	98
18) 4-Methylphenol	8.469	108	520049	39.223	ng/u1	98
19) Hexachloroethane	8.769	117	199274	39.587	ng/u1	97
22) Nitrobenzene	8.899	77	550244	39.280	ng/u1	100
23) Isophorone	9.422	82	1048342	37.526	ng/u1	100
25) 2-Nitrophenol	9.605	139	255439	41.403	ng/u1	98
26) 2,4-Dimethylphenol	9.663	107	543108	39.607	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.905	93	655435	36.901	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	477303	40.689	ng/u1	99
30) Naphthalene	10.534	128	1627686	38.365	ng/u1	99
32) 4-Chloroaniline	10.646	127	207051	11.355	ng/u1	97
33) Hexachlorobutadiene	10.816	225	284532	38.535	ng/u1	98
34) Caprolactam	11.422	113	172079m	39.267	ng/u1	
35) 4-Chloro-3-methylphenol	11.775	107	537957	40.717	ng/u1	100
36) 2-Methylnaphthalene	12.151	142	1112868	37.560	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1122777	37.329	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.516	216	560861	41.035	ng/ul	98
40) Hexachlorocyclopentadiene	12.499	237	312574	40.270	ng/ul	95
41) 2,4,6-Trichlorophenol	12.763	196	369753	43.292	ng/ul	96
42) 2,4,5-Trichlorophenol	12.834	196	417358	43.269	ng/ul	97
43) 1,1'-Biphenyl	13.175	154	1454867	40.302	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	1160151	40.825	ng/ul	99
45) 2-Nitroaniline	13.422	65	328570	43.447	ng/ul	99
47) Dimethylphthalate	13.810	163	1490058	40.793	ng/ul	100
48) 2,6-Dinitrotoluene	13.922	165	292979	43.261	ng/ul	95
50) Acenaphthylene	14.063	152	1945601	41.418	ng/ul	99
51) 3-Nitroaniline	14.251	138	130716	18.185	ng/ul	96
52) Acenaphthene	14.404	153	1254363	40.070	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	121019	38.906	ng/ul	97
55) 4-Nitrophenol	14.557	109	232433	43.375	ng/ul	97
56) Dibenzofuran	14.745	168	1738615	39.954	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	446950	45.204	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.969	232	348311	43.480	ng/ul	98
59) Diethylphthalate	15.181	149	1524445	41.081	ng/ul	99
61) Fluorene	15.392	166	1407531	40.694	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	681223	40.144	ng/ul	99
63) 4-Nitroaniline	15.422	138	319678	45.744	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	221806	40.927	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	850380	27.326	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	430377	39.663	ng/ul	96
69) Hexachlorobenzene	16.392	284	501192	39.226	ng/ul	99
70) Atrazine	16.563	200	136676	12.671	ng/ul	97
71) Pentachlorophenol	16.734	266	311555	41.356	ng/ul	98
72) Phenanthrene	17.134	178	2353305	40.085	ng/ul	100
74) Anthracene	17.222	178	2393230	40.324	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.134	216	563872	40.166	ng/ul	100
76) Pentachlorobenzene	14.657	250	554878	38.914	ng/ul	97
77) Carbazole	17.492	167	1631675	31.350	ng/ul	99
78) Di-n-butylphthalate	18.069	149	2704936	42.601	ng/ul	99
80) Fluoranthene	19.151	202	2811507	39.148	ng/ul	98
82) Pyrene	19.516	202	2936097	38.711	ng/ul	100
83) Butylbenzylphthalate	20.433	149	1238654	42.764	ng/ul	97
85) Benzo(a)anthracene	21.310	228	3013663	40.186	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.251	149	1864053	43.639	ng/ul	99
87) Chrysene	21.375	228	2781140	39.290	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	3238815	48.814	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	3027571	49.100	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	3106954	49.615	ng/ul	99
93) Benzo(a)pyrene	24.139	252	2859804	49.097	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.586	276	3444099m	54.699	ng/ul	
95) Dibenzo(a,h)anthracene	27.657	278	2871741	54.177	ng/ul	93
96) Benzo(g,h,i)perylene	28.627	276	2668068	53.975	ng/ul	97

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

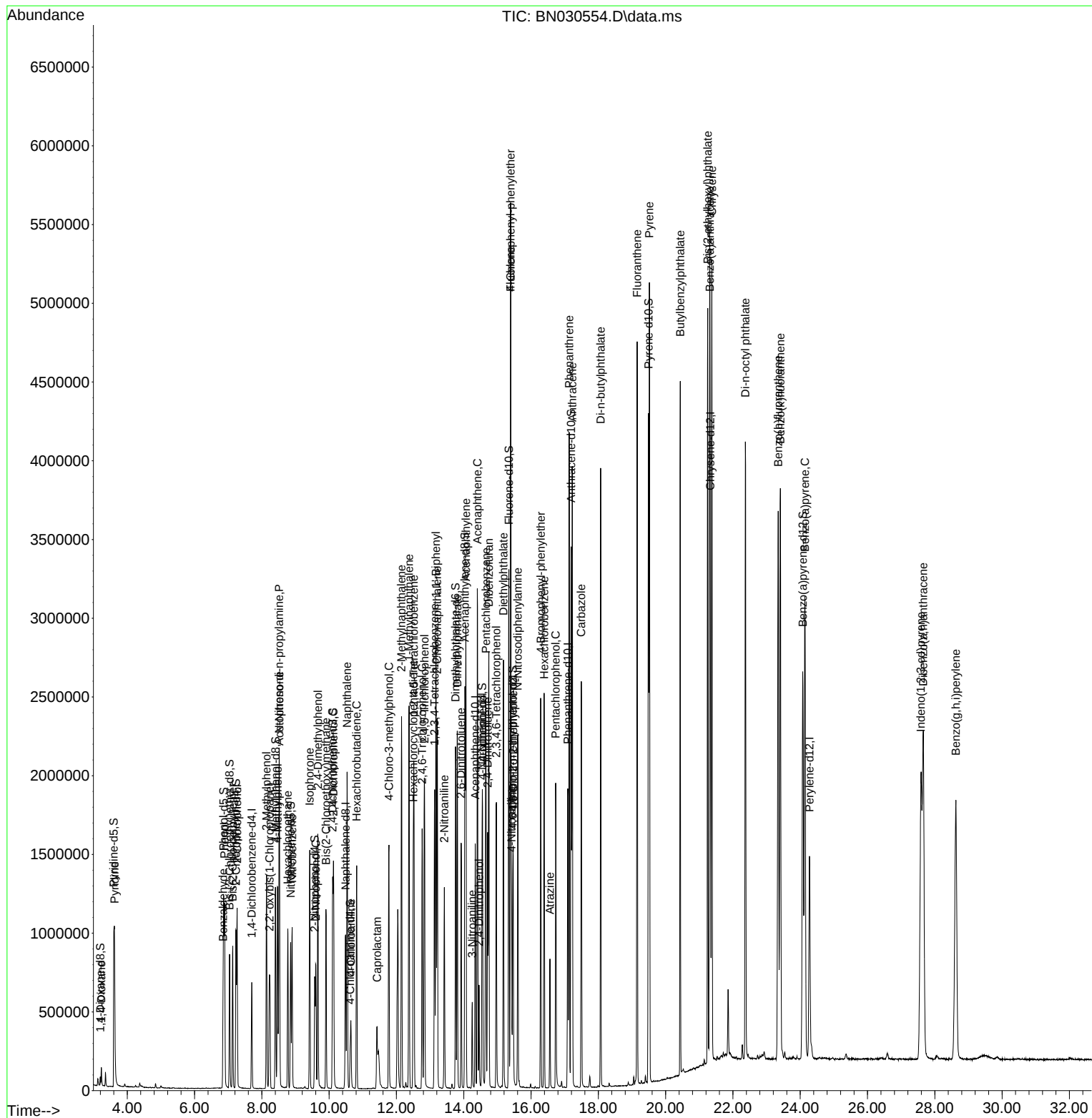
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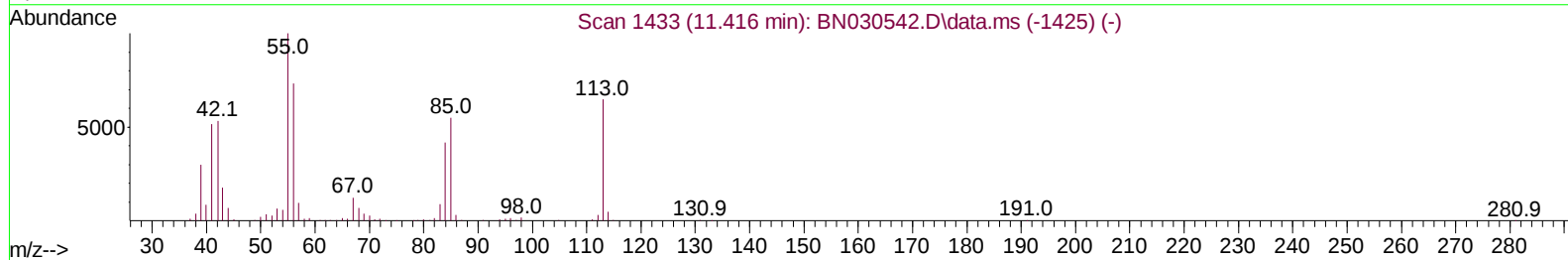
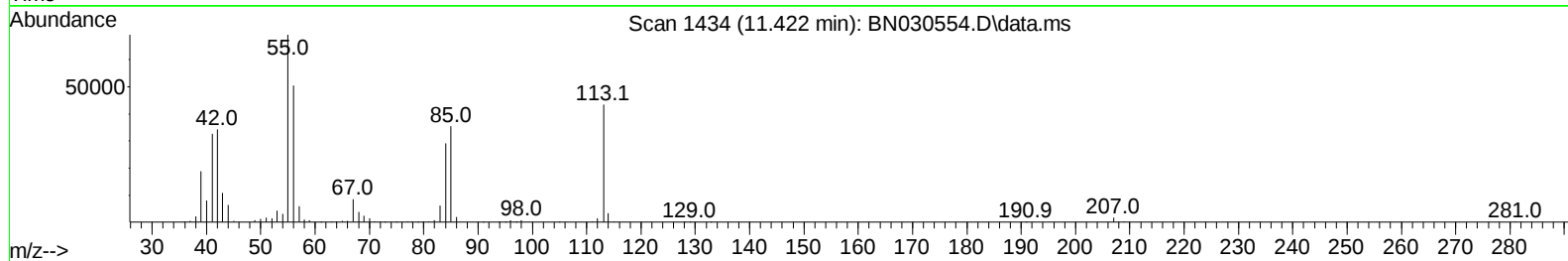
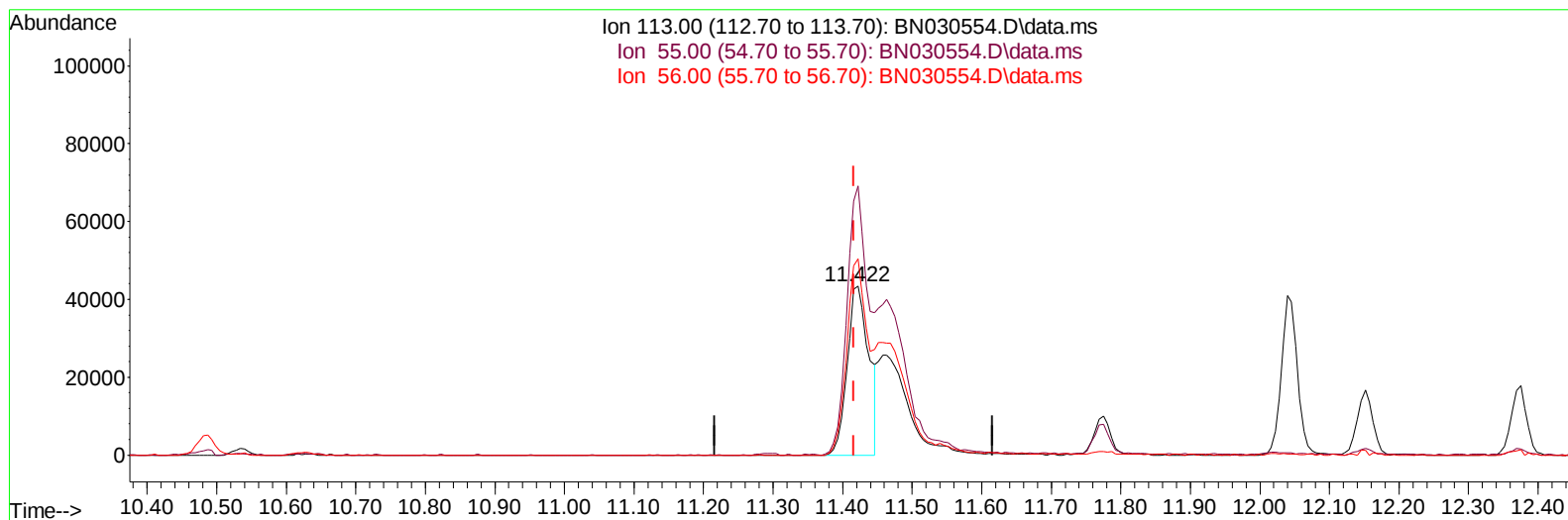
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TIC: BN030554.D\data.ms

(34) Caprolactam

11.422min (+ 0.006) 21.36 ng/ul

response 93619

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	159.35
56.00	113.20	116.27
0.00	0.00	0.00

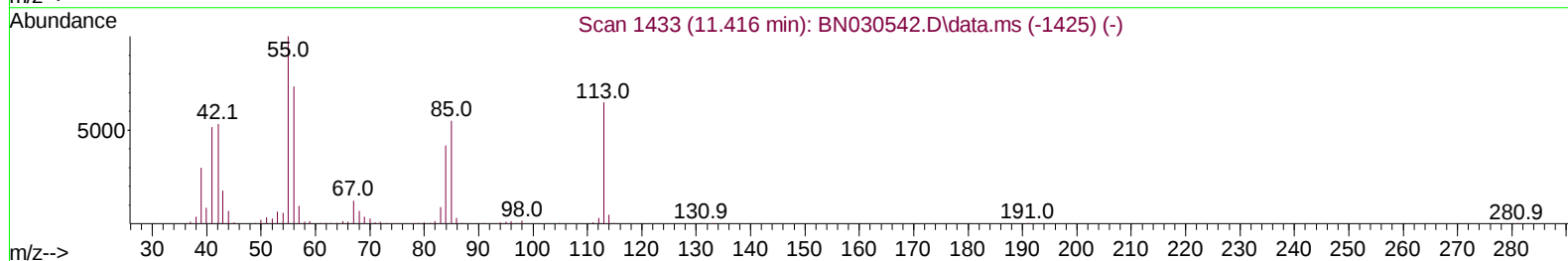
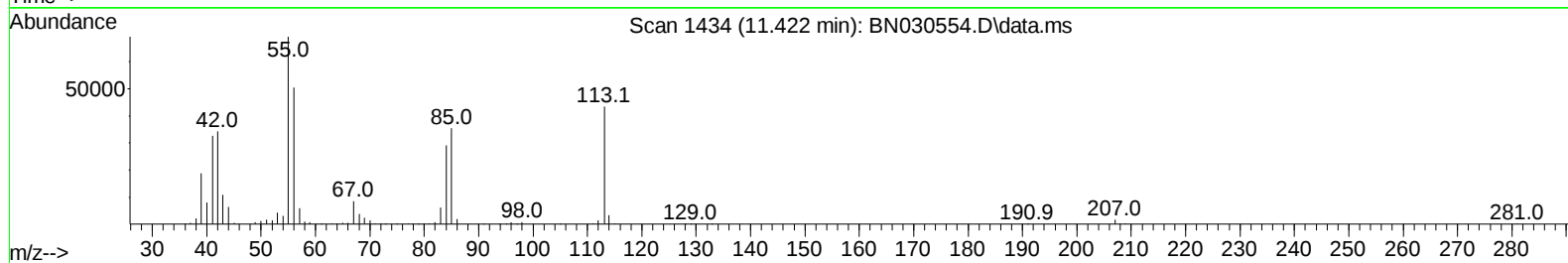
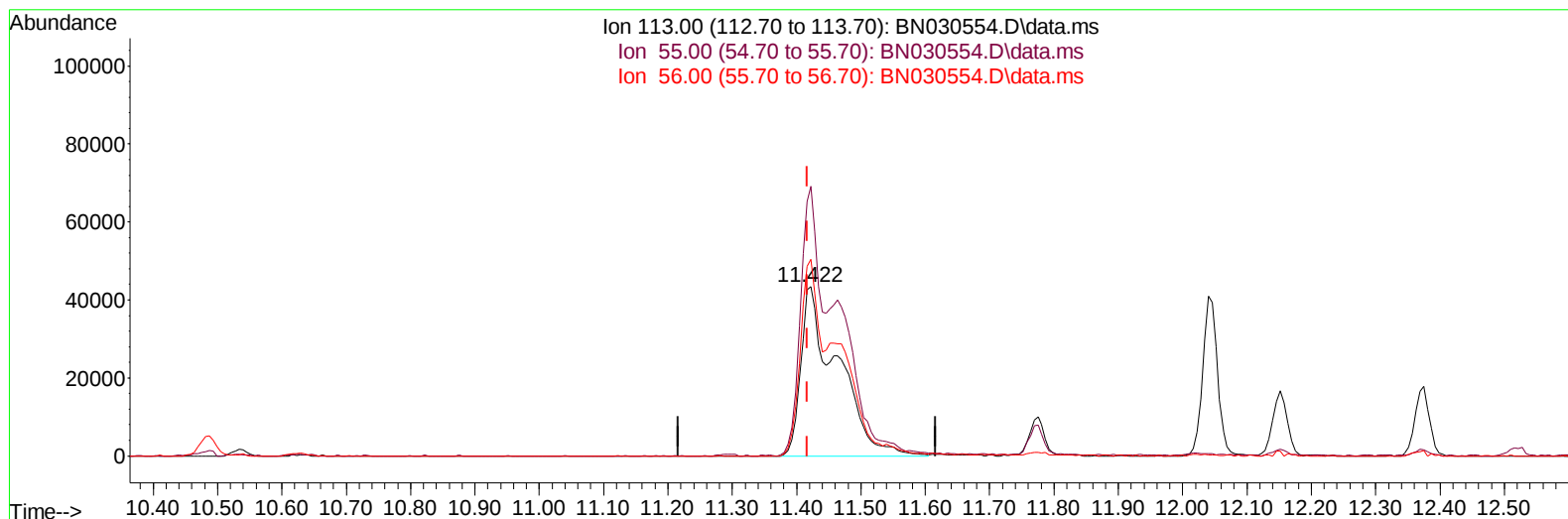
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(34) Caprolactam

11.422min (+ 0.006) 39.27 ng/ul m

response 172079

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.90	159.35
56.00	113.20	116.27
0.00	0.00	0.00

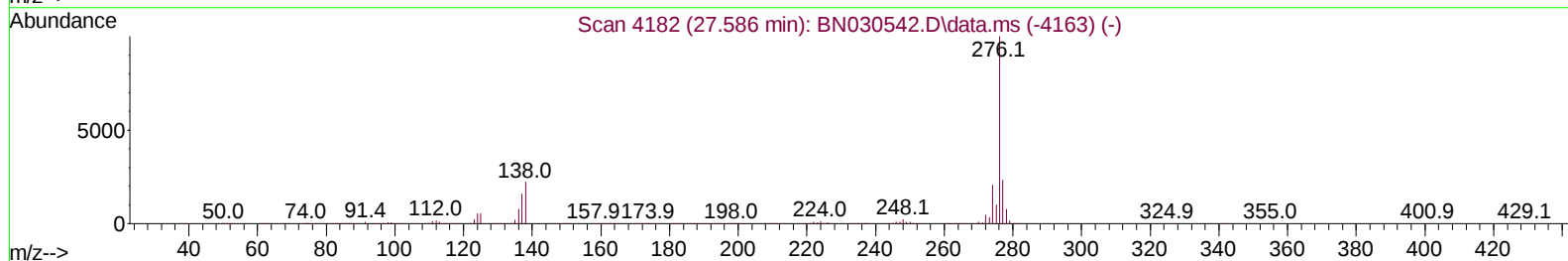
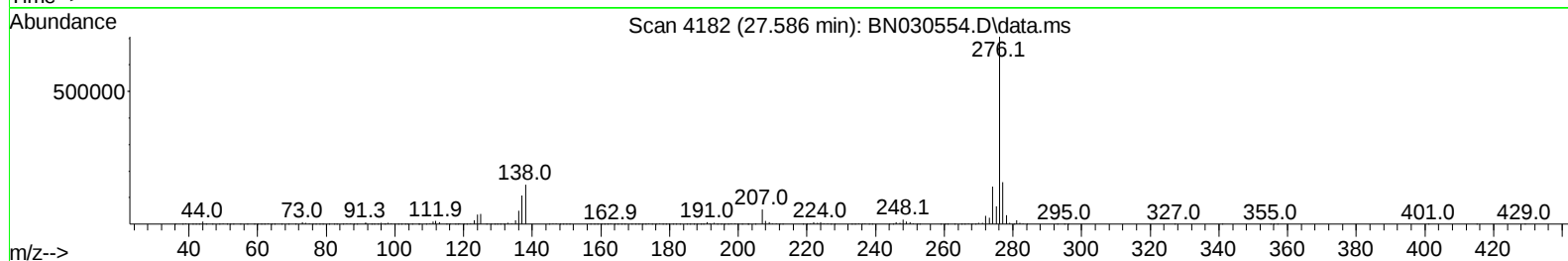
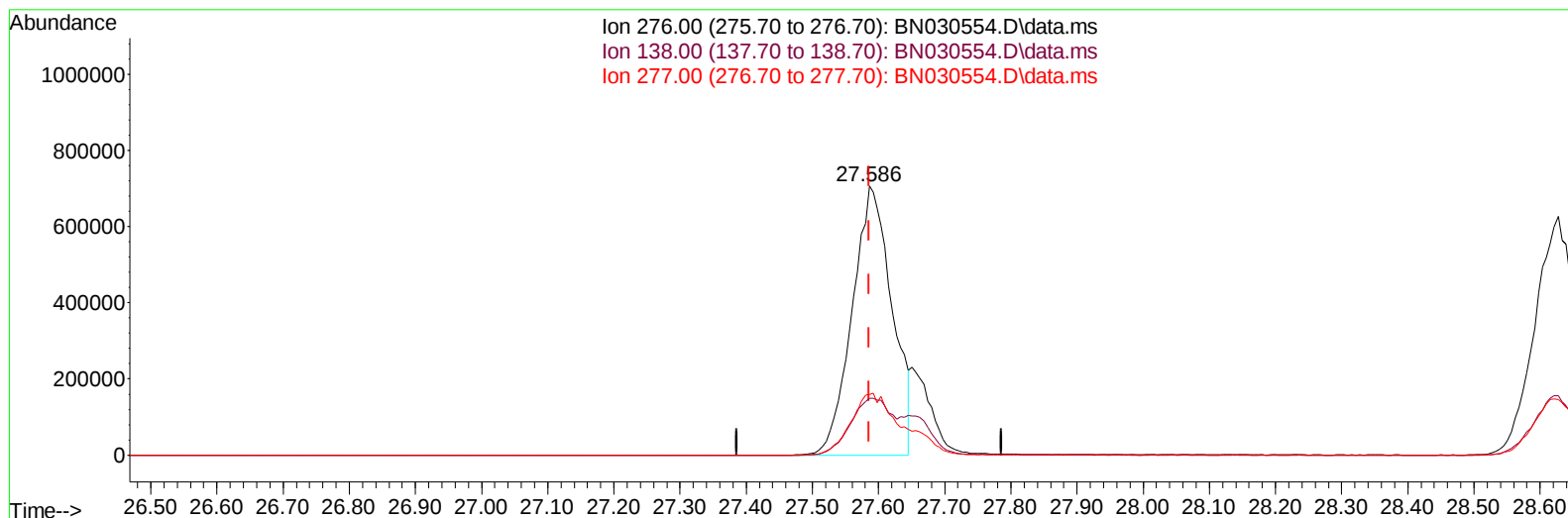
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(94) Indeno(1,2,3-cd)pyrene

27.586min (-0.000) 46.84 ng/u1

response 2949184

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	21.15
277.00	23.00	22.43
0.00	0.00	0.00

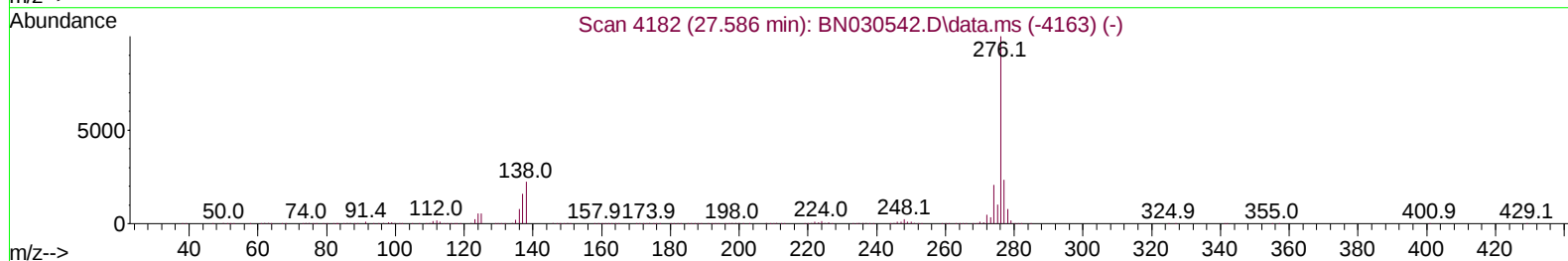
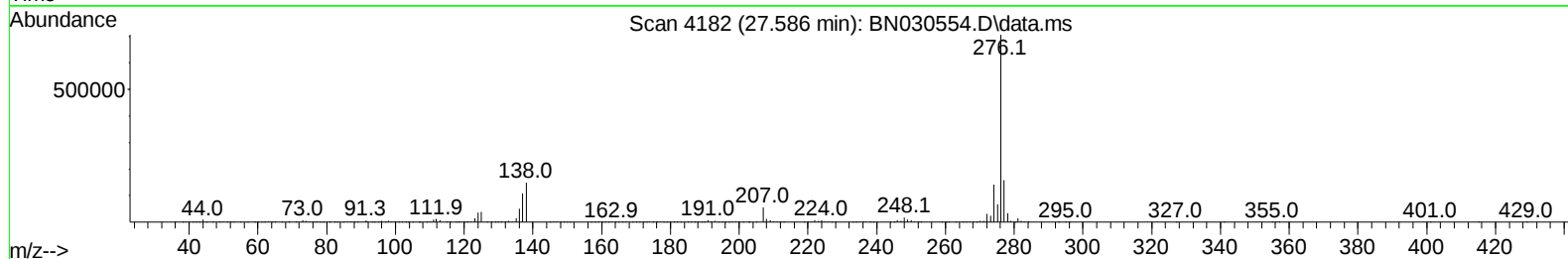
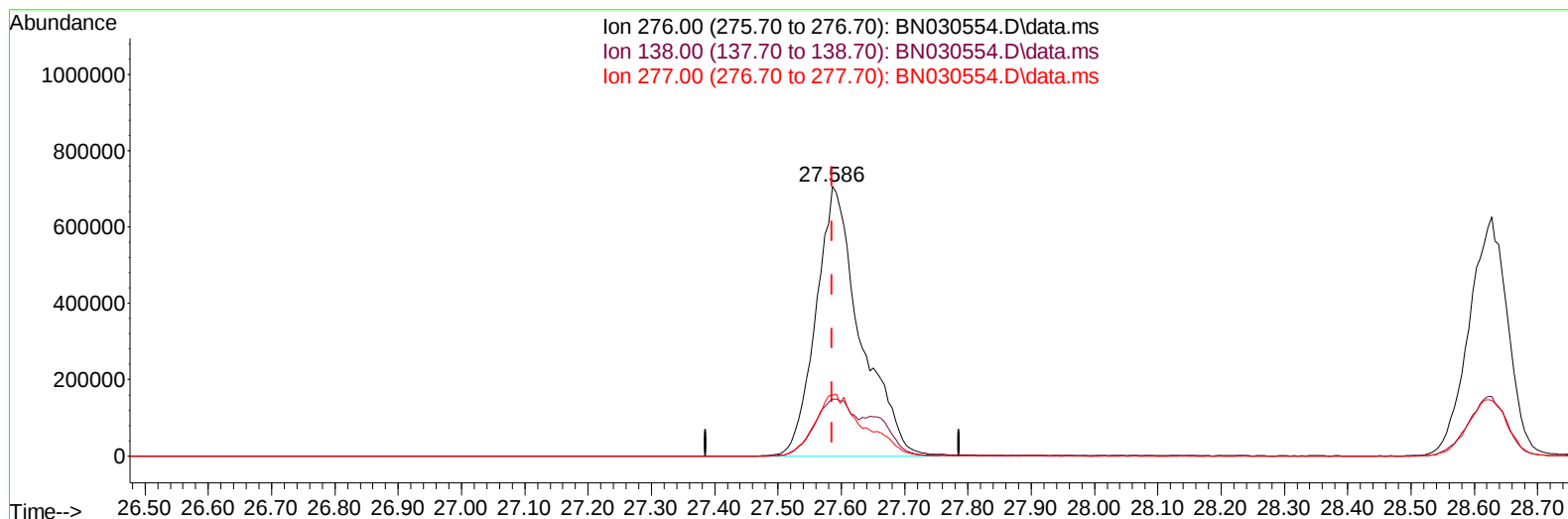
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(94) Indeno(1,2,3-cd)pyrene

27.586min (-0.000) 54.70 ng/ul m

response 3444099

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.30	21.15
277.00	23.00	22.43
0.00	0.00	0.00