Quantitation Report (Qedit)

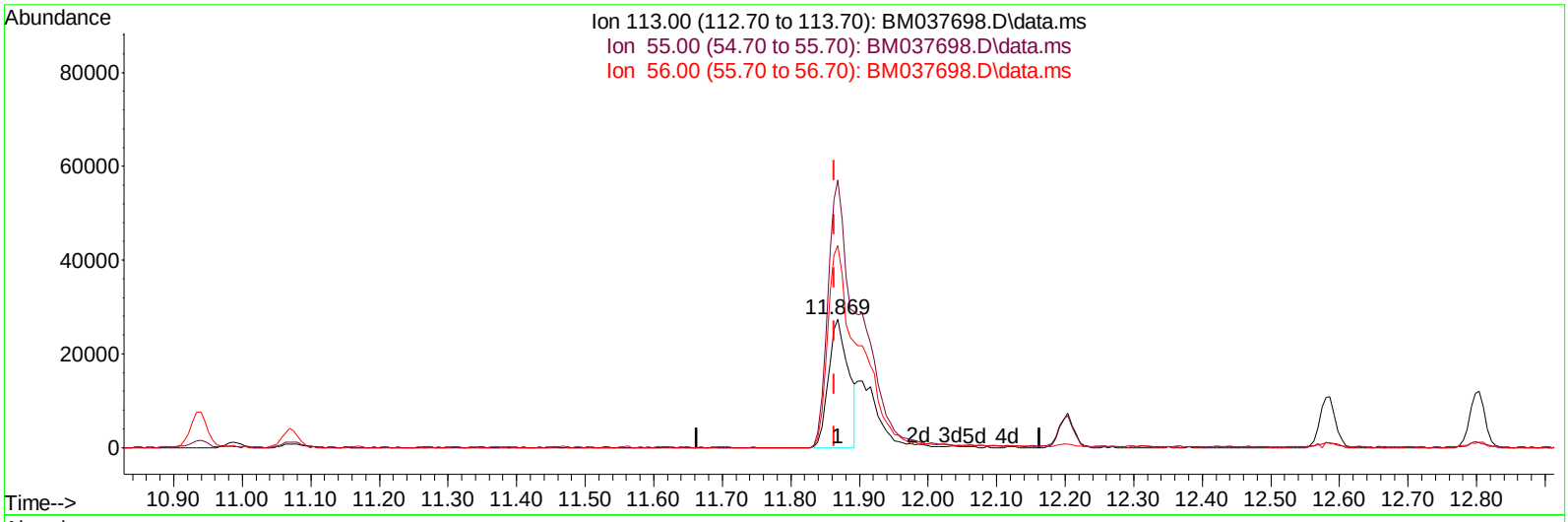
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037698.D
Acq On : 25 Nov 2022 16:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

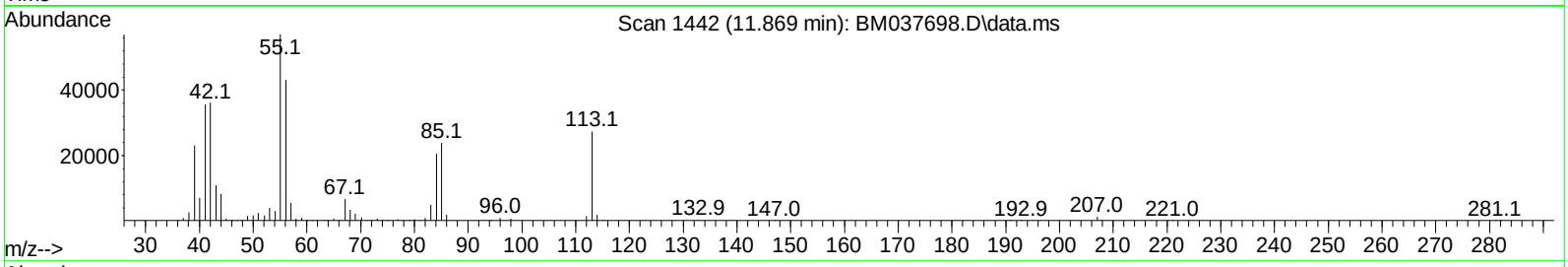
Quant Time: Nov 26 03:32:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 01:27:15 2022
Response via : Initial Calibration

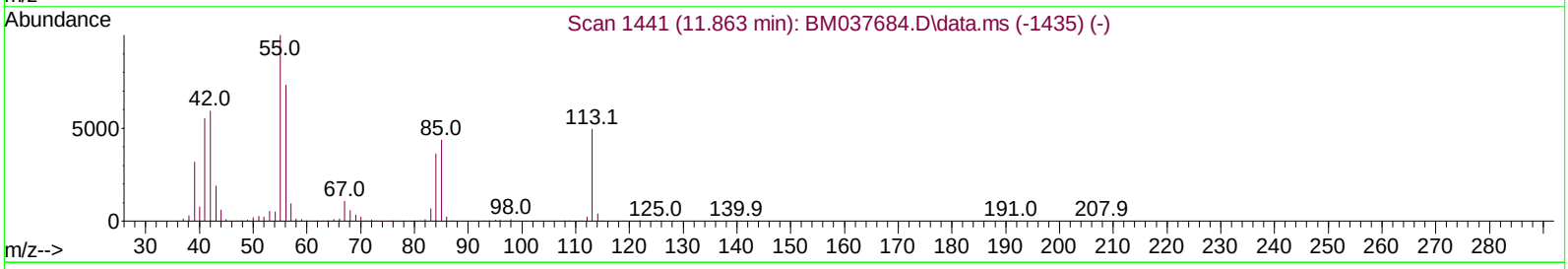
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2022
Supervised By :mohammad ahmed 11/28/2022







TIC: BM037698.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 12.39 ng/ul

response 55313

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	208.02
56.00	150.40	157.16
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	8.116	152	149924	20.000	ng/ul	0.00
20) Naphthalene-d8	10.939	136	741393	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	486936	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1053728	20.000	ng/ul	0.00
79) Chrysene-d12	21.644	240	1093361	20.000	ng/ul	0.00
88) Perylene-d12	24.138	264	1031586	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	34122	9.439	ng/uL	0.00
4) Pyridine-d5	3.875	84	269945	22.941	ng/ul	0.00
7) Phenol-d5	7.257	99	313644	20.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	216111	21.660	ng/ul	0.00
11) 2-Chlorophenol-d4	7.639	132	225325	21.680	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	248536	20.881	ng/ul	0.00
21) Nitrobenzene-d5	9.286	128	121449	20.896	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	114588	20.008	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	214405	20.458	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	370862	21.325	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	716122	20.763	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	859380	21.109	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	157245	20.698	ng/ul	0.00
60) Fluorene-d10	15.727	176	649174	21.491	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	103432	18.247	ng/ul	0.00
73) Anthracene-d10	17.574	188	1060951	21.531	ng/ul	0.00
81) Pyrene-d10	19.856	212	1188466	21.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1107683	20.861	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.475	88	37941	9.546	ng/uL	93
5) Pyridine	3.893	79	271747	22.711	ng/ul#	89
6) Benzaldehyde	7.245	77	169518	21.593	ng/ul	97
8) Phenol	7.287	94	328276	20.938	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.528	93	268606	21.133	ng/ul	97
12) 2-Chlorophenol	7.669	128	247304	21.782	ng/ul	98
13) 2-Methylphenol	8.551	108	250129	20.913	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.651	45	483195	21.046	ng/ul	98
16) Acetophenone	8.945	105	424353	21.658	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.928	70	248273	21.619	ng/ul	96
18) 4-Methylphenol	8.886	108	277735	21.018	ng/ul	95
19) Hexachloroethane	9.210	117	109753	22.351	ng/ul	97
22) Nitrobenzene	9.328	77	363776	22.954	ng/ul	95
23) Isophorone	9.857	82	677402	21.208	ng/ul	98
25) 2-Nitrophenol	10.045	139	133323	20.583	ng/ul#	88
26) 2,4-Dimethylphenol	10.098	107	325457	22.879	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.339	93	384687	20.995	ng/ul	100
29) 2,4-Dichlorophenol	10.575	162	220856	20.599	ng/ul	97
30) Naphthalene	10.986	128	881047	21.734	ng/ul	100
32) 4-Chloroaniline	11.092	127	397801	21.949	ng/ul	98
33) Hexachlorobutadiene	11.275	225	119797	21.284	ng/ul	99
34) Caprolactam	11.869	113	86019m	19.263	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	305941	22.322	ng/ul	93

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.580	142	598344	21.248	ng/ul	98
37) 1-Methylnaphthalene	12.804	142	601937	21.247	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.945	216	238493	19.947	ng/ul#	92
40) Hexachlorocyclopentadiene	12.927	237	138037	18.539	ng/ul	97
41) 2,4,6-Trichlorophenol	13.180	196	168462	19.567	ng/ul	96
42) 2,4,5-Trichlorophenol	13.251	196	185941	20.185	ng/ul	97
43) 1,1'-Biphenyl	13.580	154	770263	20.831	ng/ul	99
44) 2-Chloronaphthalene	13.627	162	595904	20.734	ng/ul	96
45) 2-Nitroaniline	13.821	65	246861	22.656	ng/ul	99
47) Dimethylphthalate	14.192	163	765669	20.884	ng/ul	99
48) 2,6-Dinitrotoluene	14.315	165	147297	20.806	ng/ul	86
50) Acenaphthylene	14.468	152	983354	21.369	ng/ul	99
51) 3-Nitroaniline	14.639	138	174317	20.292	ng/ul	97
52) Acenaphthene	14.804	153	718930	21.845	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	77213	18.589	ng/ul	89
55) 4-Nitrophenol	14.933	109	176432	25.915	ng/ul#	82
56) Dibenzofuran	15.133	168	927222	21.586	ng/ul	89
57) 2,4-Dinitrotoluene	15.092	165	229487	22.091	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.357	232	159336	21.081	ng/ul	92
59) Diethylphthalate	15.545	149	893061	22.569	ng/ul	99
61) Fluorene	15.780	166	812817	21.844	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.774	204	350155	21.572	ng/ul	93
63) 4-Nitroaniline	15.798	138	175650m	21.514	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.851	198	114502	19.033	ng/ul#	88
67) N-Nitrosodiphenylamine	15.986	169	699910	21.377	ng/ul	96
68) 4-Bromophenyl-phenylether	16.662	248	147971	17.459	ng/ul	90
69) Hexachlorobenzene	16.780	284	214421	19.698	ng/ul	90
70) Atrazine	16.927	200	223738	20.133	ng/ul	97
71) Pentachlorophenol	17.121	266	137482	19.075	ng/ul	94
72) Phenanthrene	17.521	178	1319919	21.384	ng/ul	99
74) Anthracene	17.609	178	1353260	21.595	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	241502	19.158	ng/uL	99
76) Pentachlorobenzene	15.057	250	265871	19.831	ng/uL	99
77) Carbazole	17.874	167	1276134	21.419	ng/ul	98
78) Di-n-butylphthalate	18.433	149	1681631	19.499	ng/ul	99
80) Fluoranthene	19.521	202	1501308	21.152	ng/ul	99
82) Pyrene	19.886	202	1616182	21.559	ng/ul	98
83) Butylbenzylphthalate	20.768	149	789431	22.605	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.556	252	446029	20.312	ng/ul	98
85) Benzo(a)anthracene	21.627	228	1557945	21.299	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	1172550	22.223	ng/ul	98
87) Chrysene	21.686	228	1457141	21.169	ng/ul	98
89) Di-n-octyl phthalate	22.491	149	2019414	22.916	ng/ul	100
90) Benzo(b)fluoranthene	23.374	252	1486394	21.195	ng/ul	98
91) Benzo(k)fluoranthene	23.421	252	1412455	20.653	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1270396	20.843	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.744	276	1359116	19.437	ng/ul	97
95) Dibenzo(a,h)anthracene	26.768	278	1201477	19.137	ng/ul	99
96) Benzo(g,h,i)perylene	27.556	276	1182211	19.415	ng/ul	99

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

Instrument :
BNA_M
LabSampleId :
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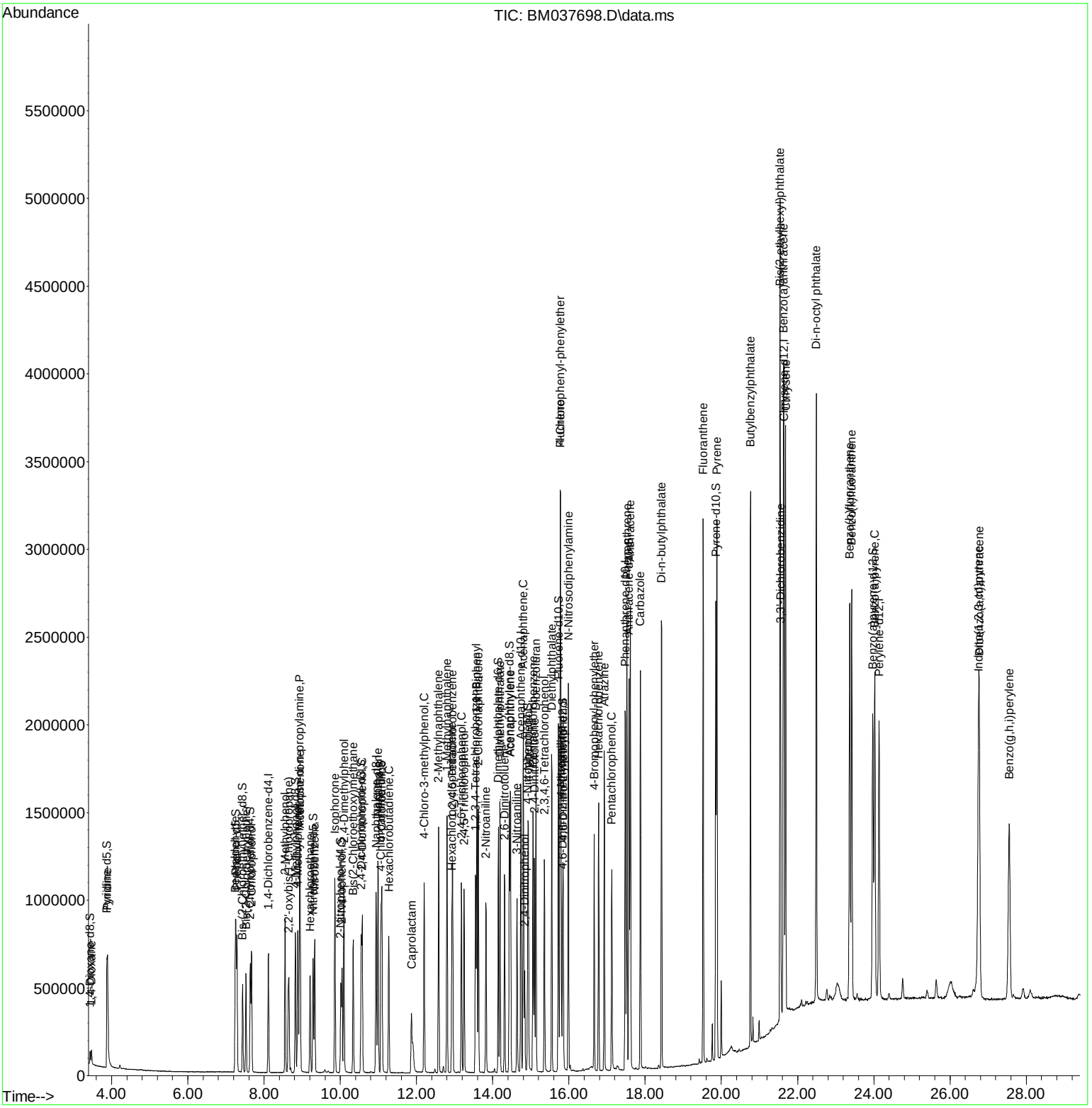

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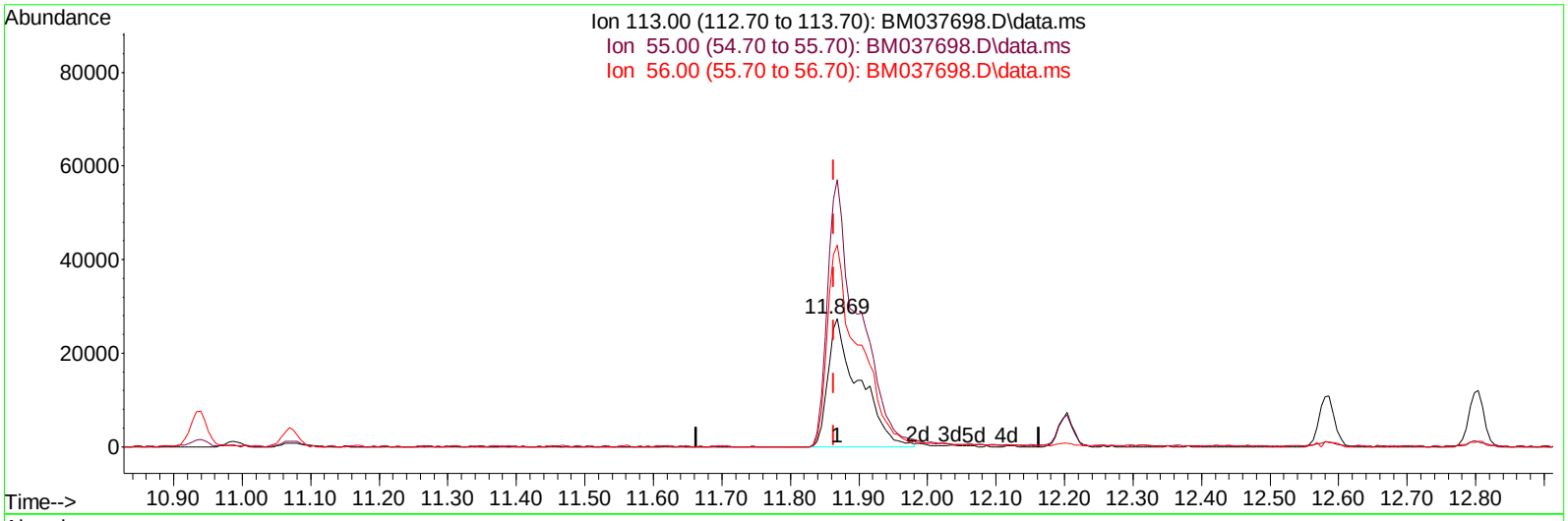

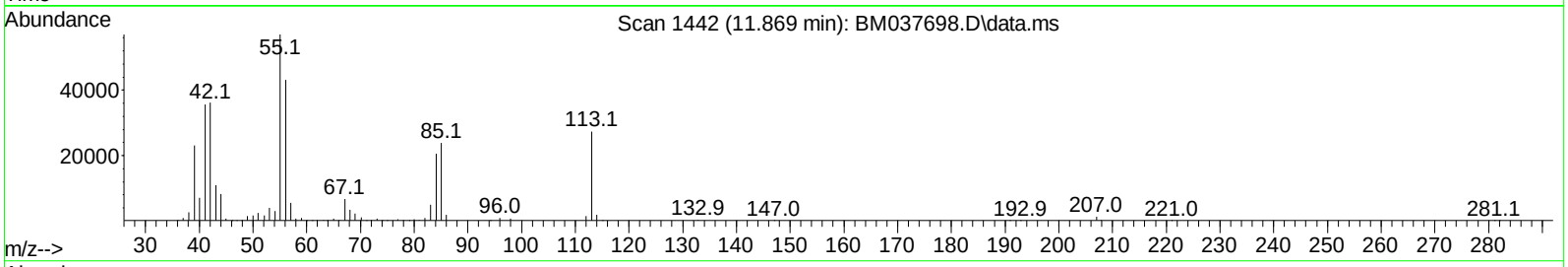

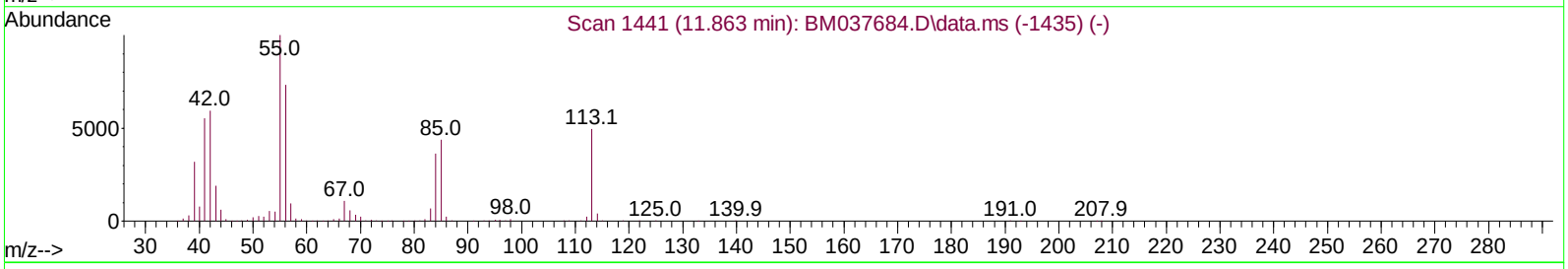

TIC: BM037698.D\data.ms

(34) Caprolactam

11.869min (+ 0.006) 19.26 ng/ul m

response 86019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	204.10	208.02
56.00	150.40	157.16
0.00	0.00	0.00

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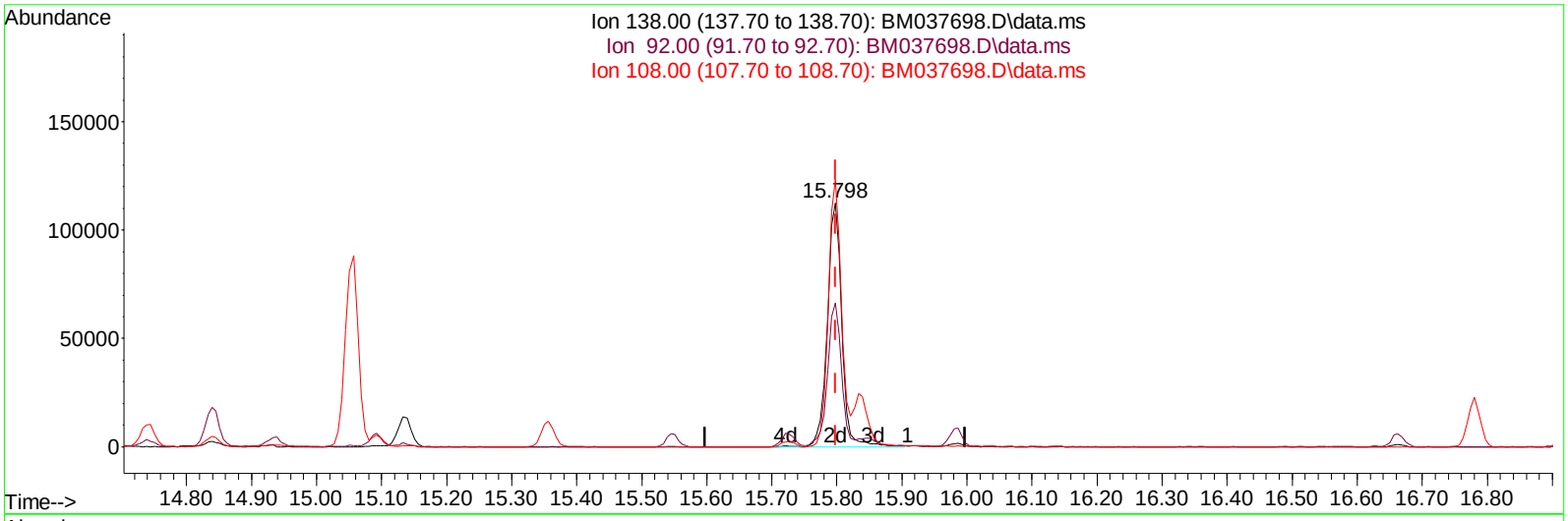

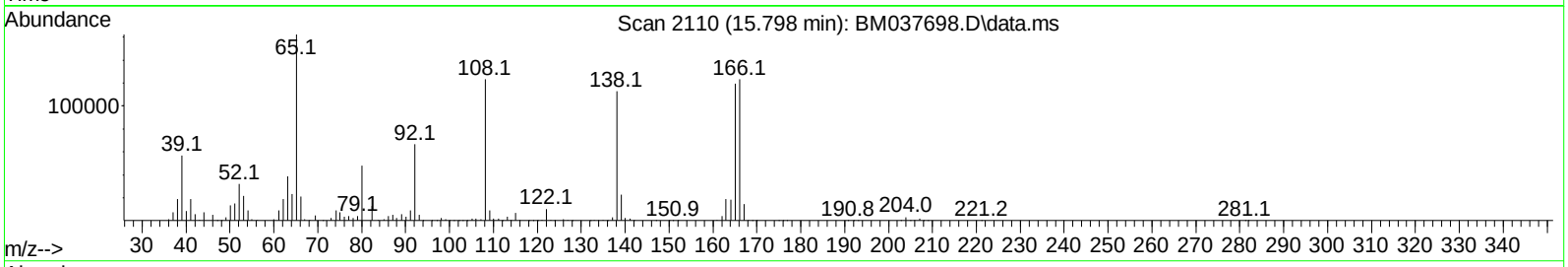

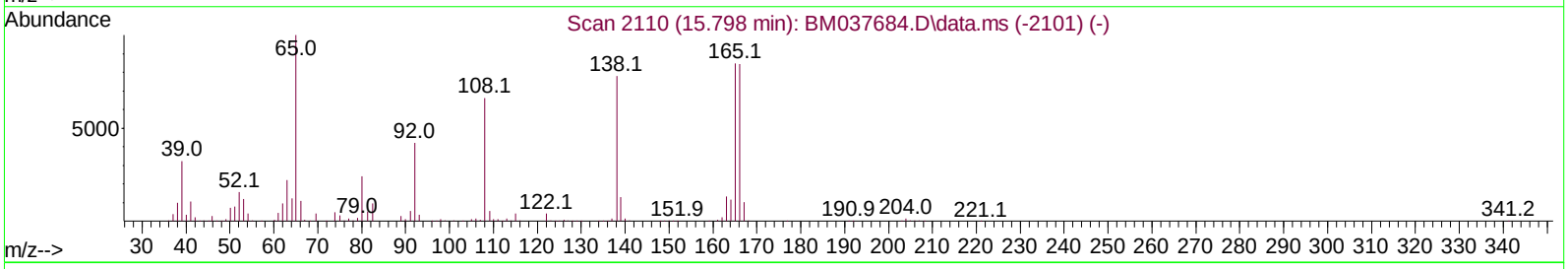

TIC: BM037698.D\data.ms

(63) 4-Nitroaniline

15.798min (-0.000) 21.51 ng/ul m

response 175650

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	59.03
108.00	85.10	109.36#
0.00	0.00	0.00

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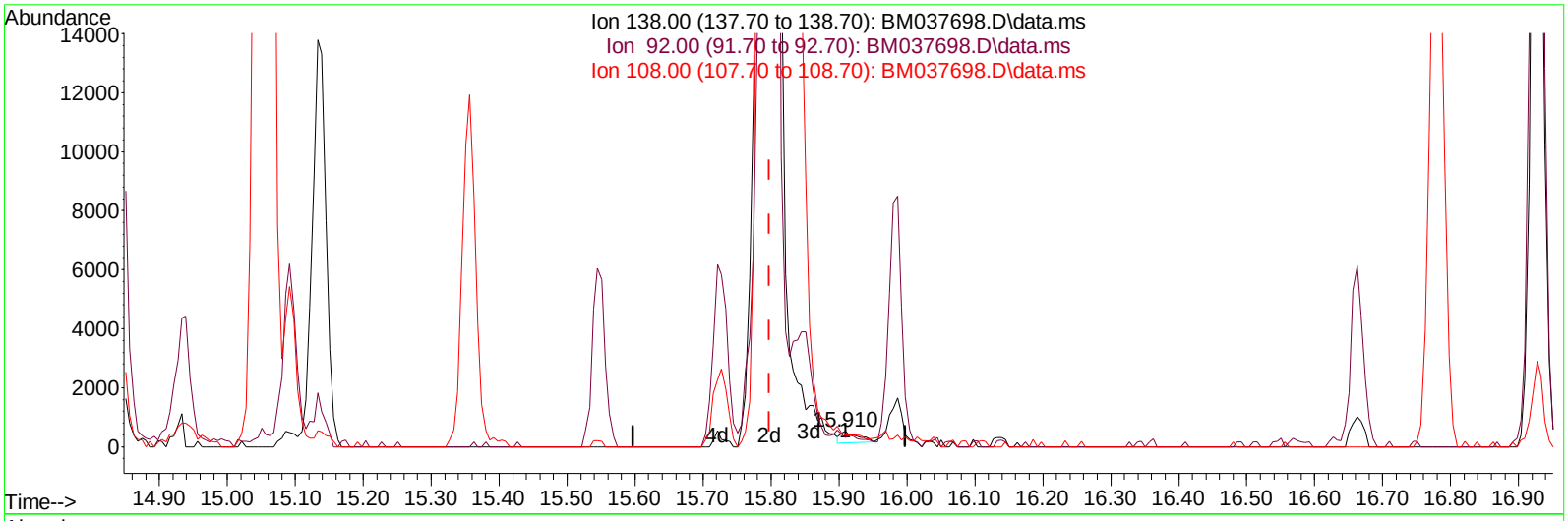

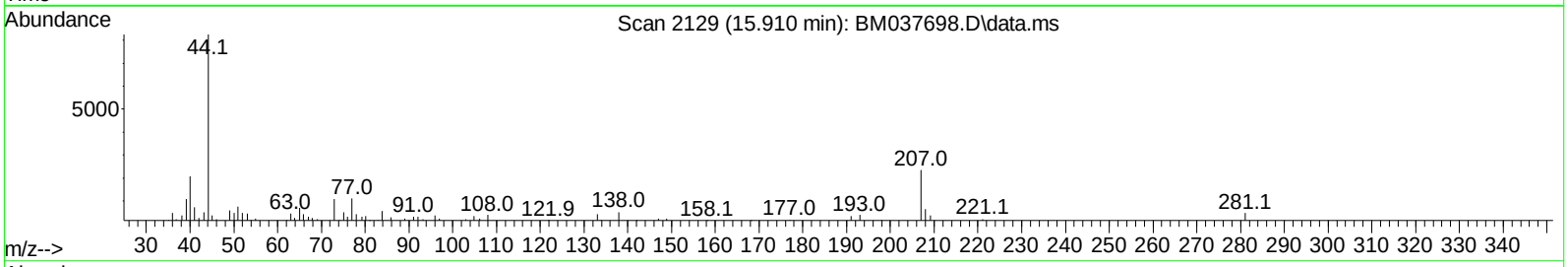

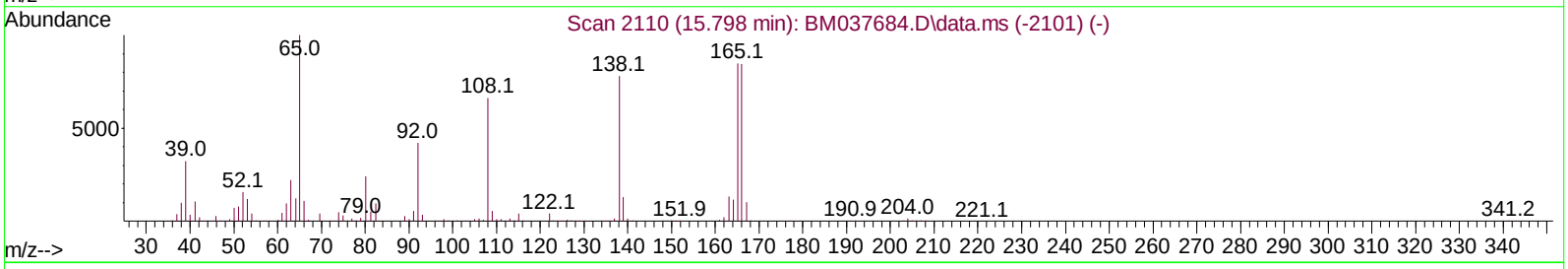

TIC: BM037698.D\data.ms

(63) 4-Nitroaniline

15.910min (+ 0.112) 0.08 ng/ul

response 669

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	54.60	59.34
108.00	85.10	74.76
0.00	0.00	0.00