Quantitation Report (Qedit)

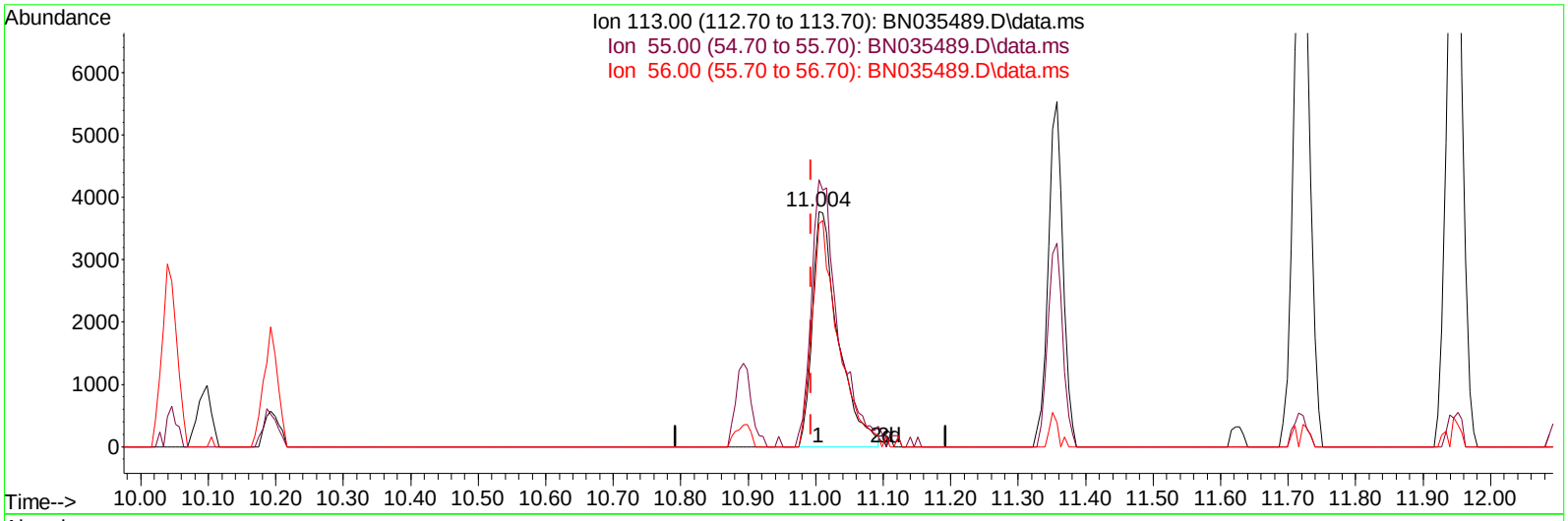
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035489.D
Acq On : 07 Dec 2024 14:24
Operator : RC/JU
Sample : P5114-05MS
Misc :
ALS Vial : 72 Sample Multiplier: 1

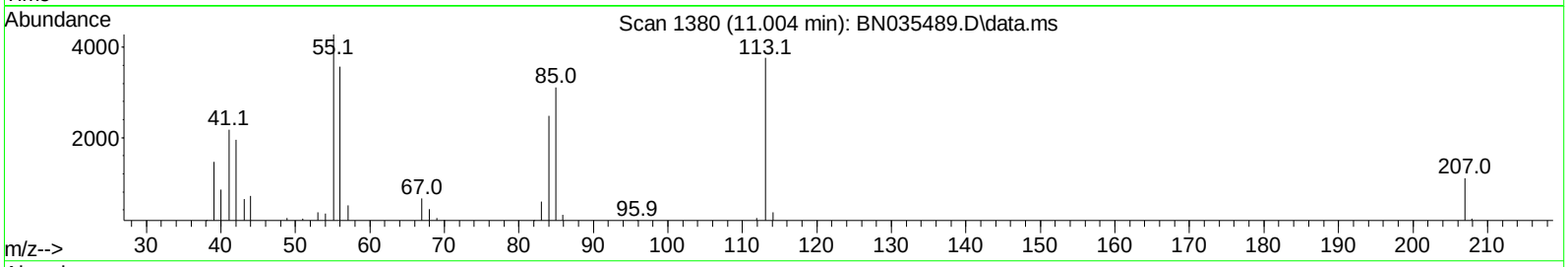
Quant Time: Dec 09 00:16:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

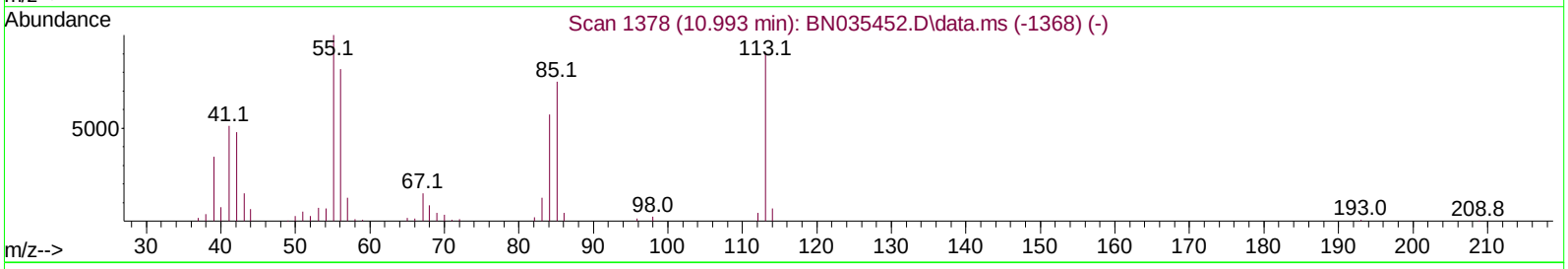
Instrument :
BNA_N
ClientSampleId :
E1PK0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035489.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 4.50 ng/ul

response 10074

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	113.52
56.00	86.70	94.86
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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Instrument :
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ClientSampleId :
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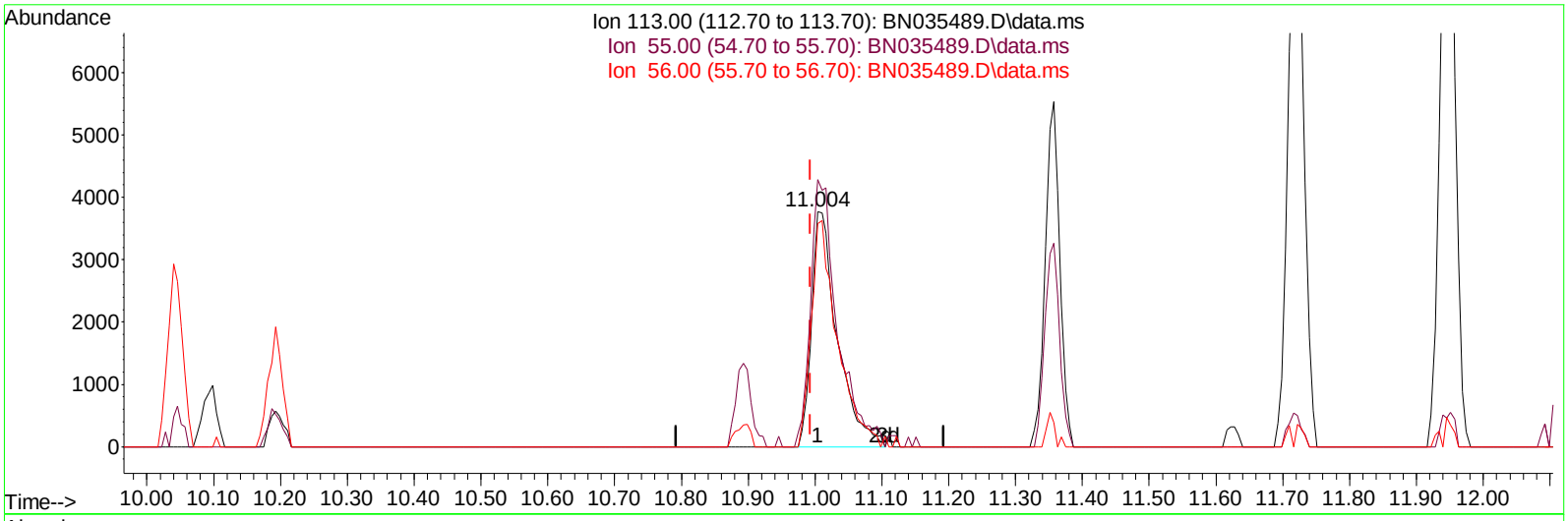

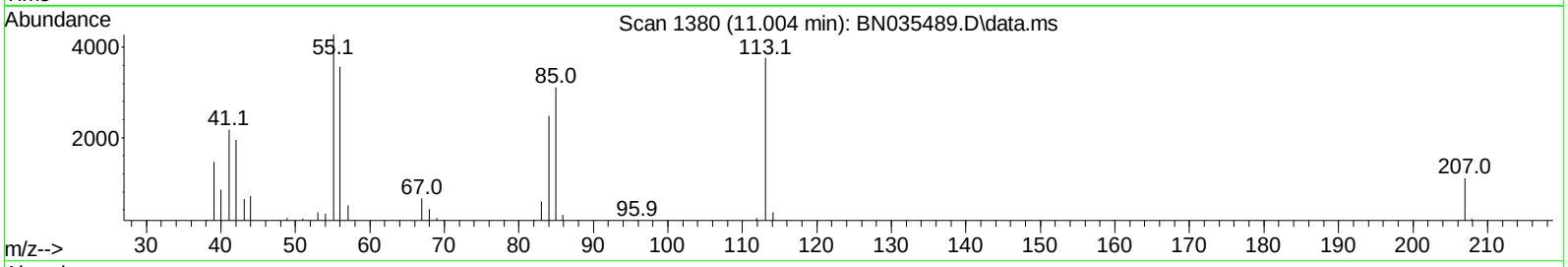

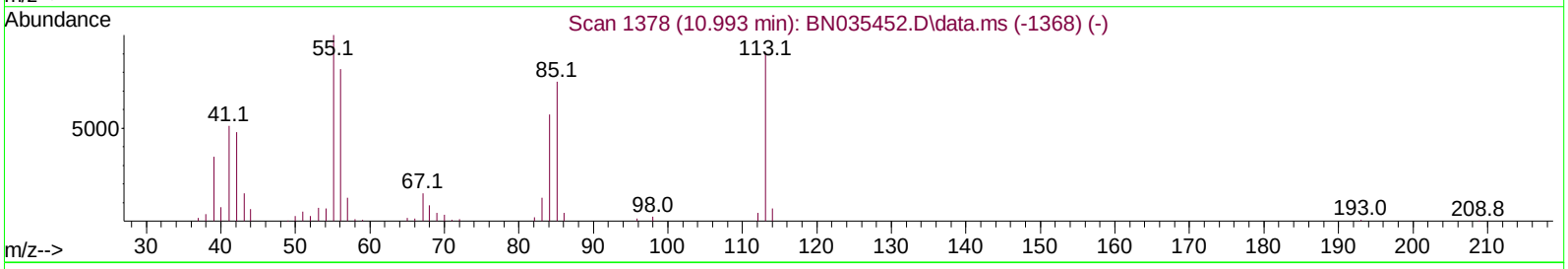

TIC: BN035489.D\data.ms

(34) Caprolactam

11.004min (+ 0.012) 4.53 ng/ul m

response 10138

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	113.52
56.00	86.70	94.86
0.00	0.00	0.00

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Misc :
ALS Vial : 72 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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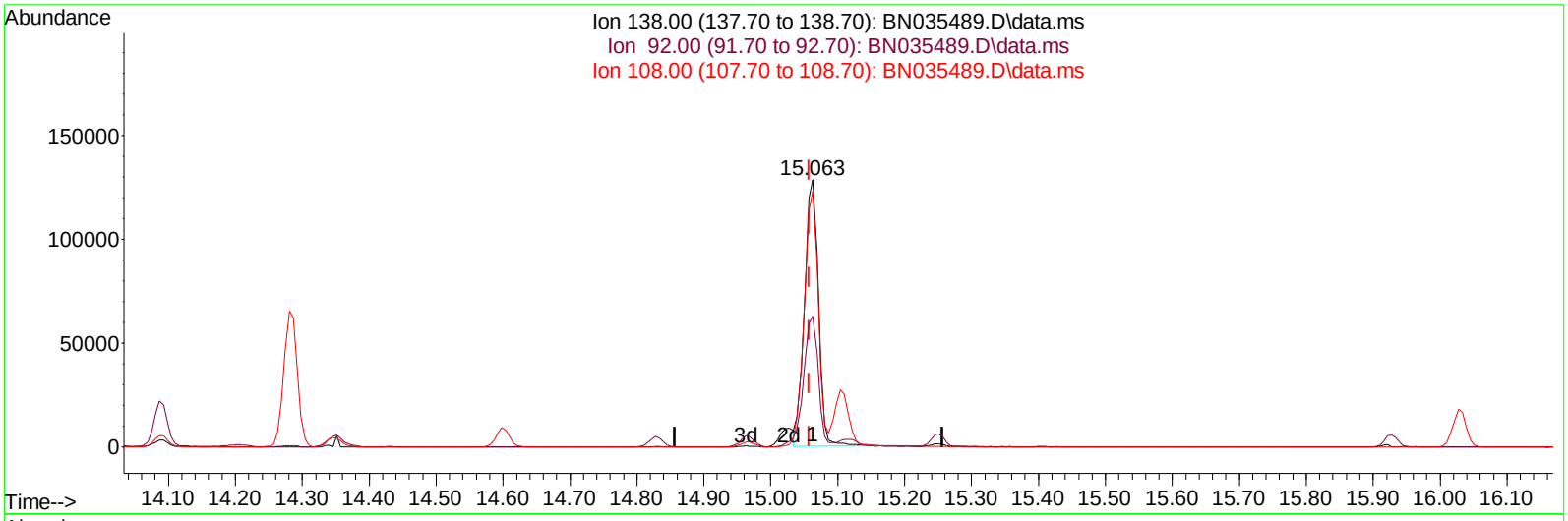

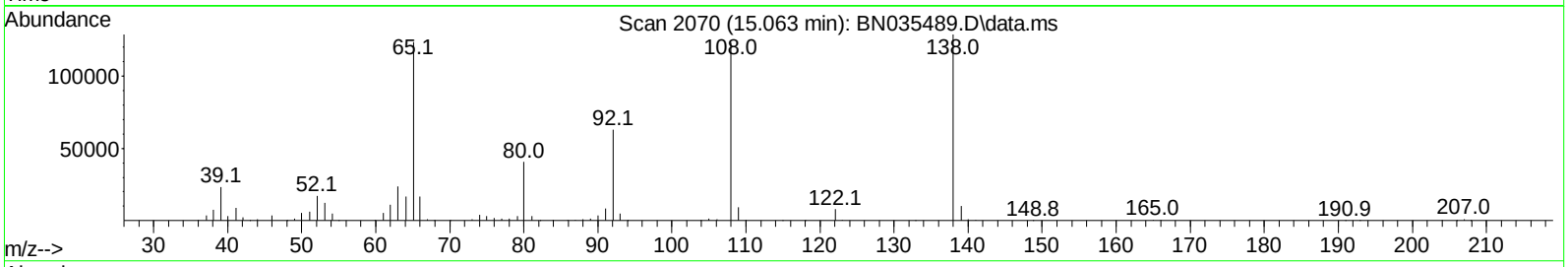

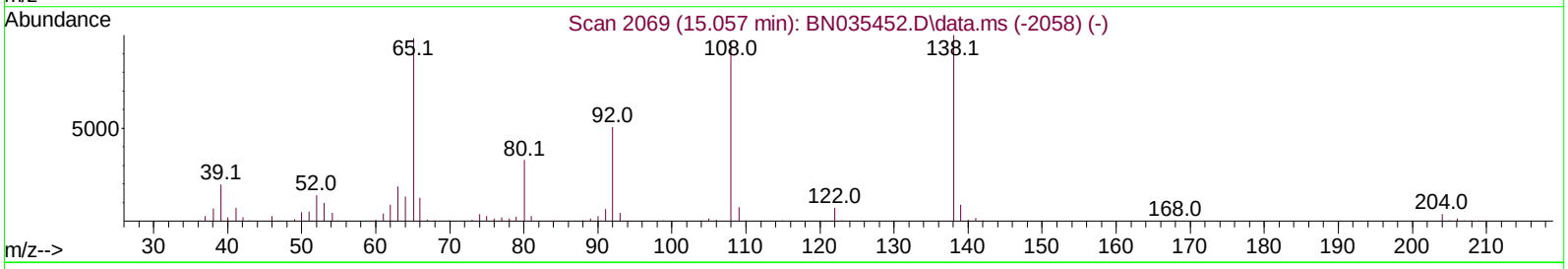

TIC: BN035489.D\data.ms

(63) 4-Nitroaniline

15.063min (+ 0.006) 41.55 ng/ul

response 187207

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	48.98
108.00	94.00	95.64
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : RC/JU
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Misc :
ALS Vial : 72 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E1PK0MS

Manual IntegrationsAPPROVED

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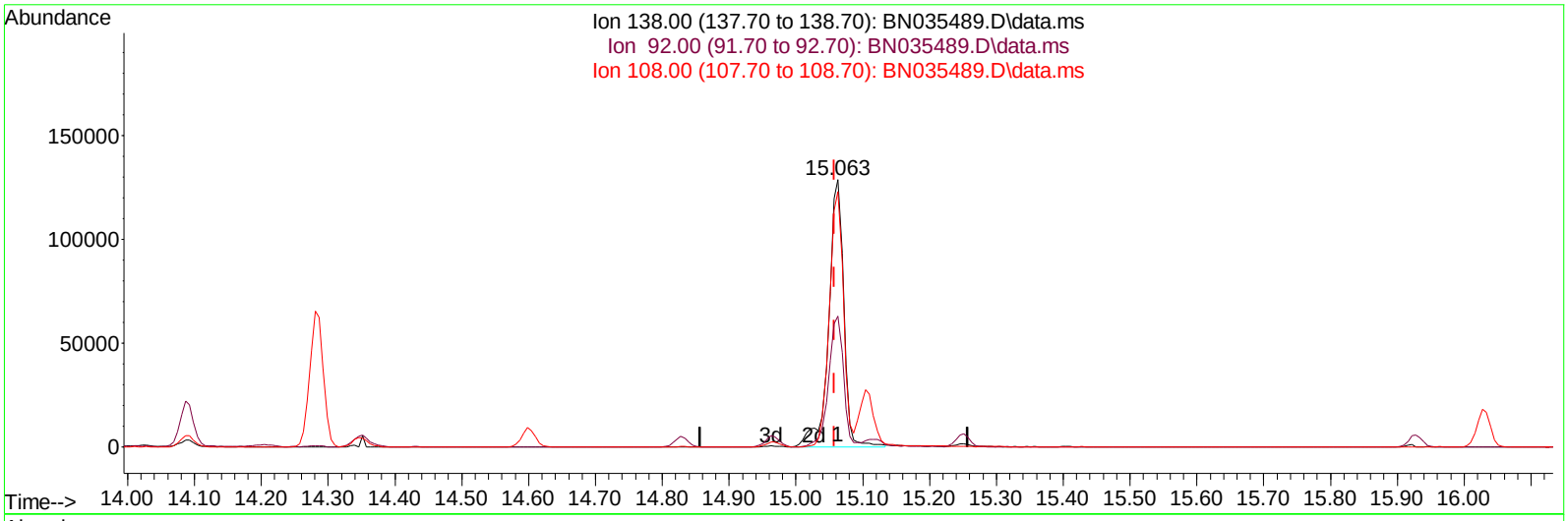

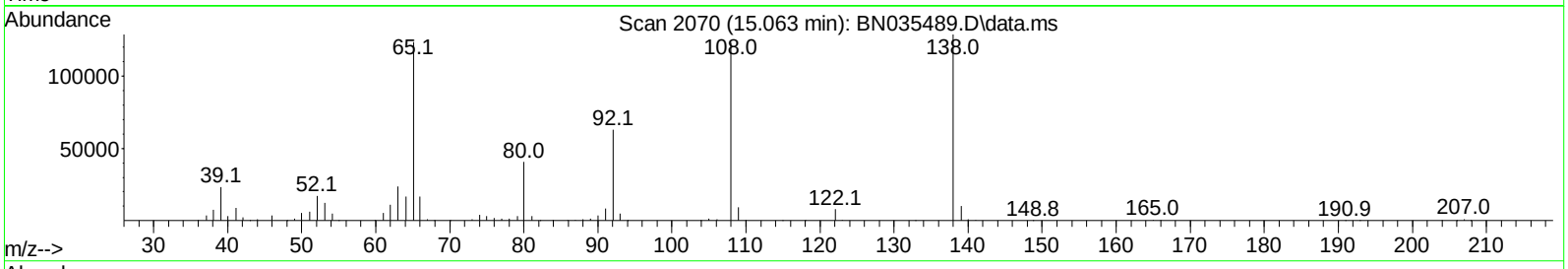

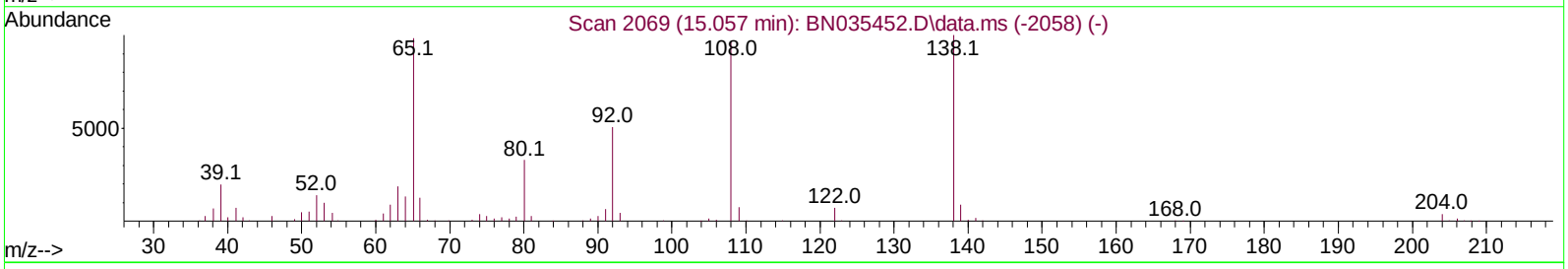

TIC: BN035489.D\data.ms

(63) 4-Nitroaniline

15.063min (+ 0.006) 44.72 ng/ul m

response 201470

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	48.98
108.00	94.00	95.64
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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E1PK0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	107173	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.046	136	465508	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	374655	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.722	188	818668	20.000	ng/ul	0.00
79) Chrysene-d12	20.980	240	848127	20.000	ng/ul	0.00
88) Perylene-d12	23.657	264	1024520	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	10332	4.555	ng/uL	0.00
4) Pyridine-d5	3.340	84	51493	8.613	ng/ul	0.00
7) Phenol-d5	6.499	99	57525	7.534	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	136329	32.018	ng/ul	0.00
11) 2-Chlorophenol-d4	6.834	132	179029	27.671	ng/ul	-0.01
15) 4-Methylphenol-d8	8.016	113	120370	18.091	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	106864	35.334	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	128112	36.597	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	252689	33.027	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	257998	27.309	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	940323	34.954	ng/ul	0.00
49) Acenaphthylene-d8	13.645	160	940621	31.750	ng/ul	0.00
54) 4-Nitrophenol-d4	14.192	143	43047	9.718	ng/ul	0.00
60) Fluorene-d10	14.969	176	789518	33.984	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	181993	42.152	ng/ul	0.00
73) Anthracene-d10	16.828	188	1277083	35.368	ng/ul	0.00
81) Pyrene-d10	19.145	212	1572415	35.103	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	1850595	37.302	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	11401	4.483	ng/uL	96
5) Pyridine	3.358	79	62074	10.354	ng/ul	98
6) Benzaldehyde	6.458	77	86197	20.931	ng/ul	98
8) Phenol	6.522	94	64090	8.105	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.746	93	204230	32.991	ng/ul	99
12) 2-Chlorophenol	6.869	128	188462	27.990	ng/ul	99
13) 2-Methylphenol	7.746	108	138812	22.609	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.822	45	156450	31.975	ng/ul	98
16) Acetophenone	8.110	105	355508	33.833	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.110	70	166295	33.289	ng/ul	99
18) 4-Methylphenol	8.075	108	136611	20.025	ng/ul	99
19) Hexachloroethane	8.346	117	78760	27.379	ng/ul	94
22) Nitrobenzene	8.475	77	266093	35.028	ng/ul	98
23) Isophorone	9.004	82	496935	32.644	ng/ul	99
25) 2-Nitrophenol	9.175	139	144721	36.490	ng/ul	97
26) 2,4-Dimethylphenol	9.257	107	196999	24.781	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.493	93	300106	32.363	ng/ul	99
29) 2,4-Dichlorophenol	9.704	162	255306	32.978	ng/ul	96
30) Naphthalene	10.093	128	741838	31.357	ng/ul	99
32) 4-Chloroaniline	10.216	127	110656	12.227	ng/ul	98
33) Hexachlorobutadiene	10.387	225	166555	30.485	ng/ul	99
34) Caprolactam	11.004	113	10138m	4.532	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	258313	32.032	ng/ul	97

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Instrument :
BNA_N
ClientSampleId :
E1PK0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.722	142	576467	32.722	ng/ul	95
37) 1-Methylnaphthalene	11.945	142	575863	31.886	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.104	216	345071	31.253	ng/ul	99
40) Hexachlorocyclopentadiene	12.087	237	150713	27.171	ng/ul	97
41) 2,4,6-Trichlorophenol	12.363	196	238260	33.276	ng/ul	98
42) 2,4,5-Trichlorophenol	12.434	196	267573	33.541	ng/ul	97
43) 1,1'-Biphenyl	12.775	154	816866	31.592	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	655279	31.684	ng/ul	100
45) 2-Nitroaniline	13.034	65	177516	43.671	ng/ul	95
47) Dimethylphthalate	13.440	163	936884	34.812	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	193750	43.194	ng/ul	98
50) Acenaphthylene	13.675	152	1021231	32.431	ng/ul	98
51) 3-Nitroaniline	13.881	138	159980	34.437	ng/ul	99
52) Acenaphthene	14.022	153	752723	33.211	ng/ul	99
53) 2,4-Dinitrophenol	14.092	184	135480	43.241	ng/ul	95
55) 4-Nitrophenol	14.204	109	42338	10.119	ng/ul	94
56) Dibenzofuran	14.363	168	1068947	33.171	ng/ul	98
57) 2,4-Dinitrotoluene	14.351	165	296043	41.591	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.598	232	241710	34.781	ng/ul	100
59) Diethylphthalate	14.828	149	961486	36.555	ng/ul	98
61) Fluorene	15.022	166	879055	33.861	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.034	204	436576	32.913	ng/ul	98
63) 4-Nitroaniline	15.063	138	201470m	44.717	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	200590	42.880	ng/ul#	98
67) N-Nitrosodiphenylamine	15.251	169	797216	36.655	ng/ul	98
68) 4-Bromophenyl-phenylether	15.928	248	306506	37.021	ng/ul	95
69) Hexachlorobenzene	16.033	284	368816	37.528	ng/ul	95
70) Atrazine	16.222	200	1647	0.212	ng/ul	96
71) Pentachlorophenol	16.381	266	230012	36.864	ng/ul	94
72) Phenanthrene	16.769	178	1483055	35.185	ng/ul	99
74) Anthracene	16.863	178	1484618	34.885	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.734	216	352961	32.517	ng/uL	99
76) Pentachlorobenzene	14.287	250	395965	35.436	ng/uL	97
77) Carbazole	17.139	167	1415250	39.964	ng/ul	98
78) Di-n-butylphthalate	17.733	149	1627100	39.470	ng/ul	100
80) Fluoranthene	18.810	202	1863106	35.438	ng/ul	98
82) Pyrene	19.180	202	2001198	35.494	ng/ul	97
83) Butylbenzylphthalate	20.133	149	718420	45.210	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.910	252	526312	34.806	ng/ul	95
85) Benzo(a)anthracene	20.963	228	2041585	35.857	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	1100304	43.913	ng/ul	98
87) Chrysene	21.021	228	1932443	35.225	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	2023321	43.446	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	2184303	36.988	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	2210303	36.551	ng/ul	98
93) Benzo(a)pyrene	23.533	252	2032714	36.675	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.604	276	2502847	37.857	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	2010810	37.538	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	1880007	37.466	ng/ul	98

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

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E1PK0MS

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