Quantitation Report (Qedit)

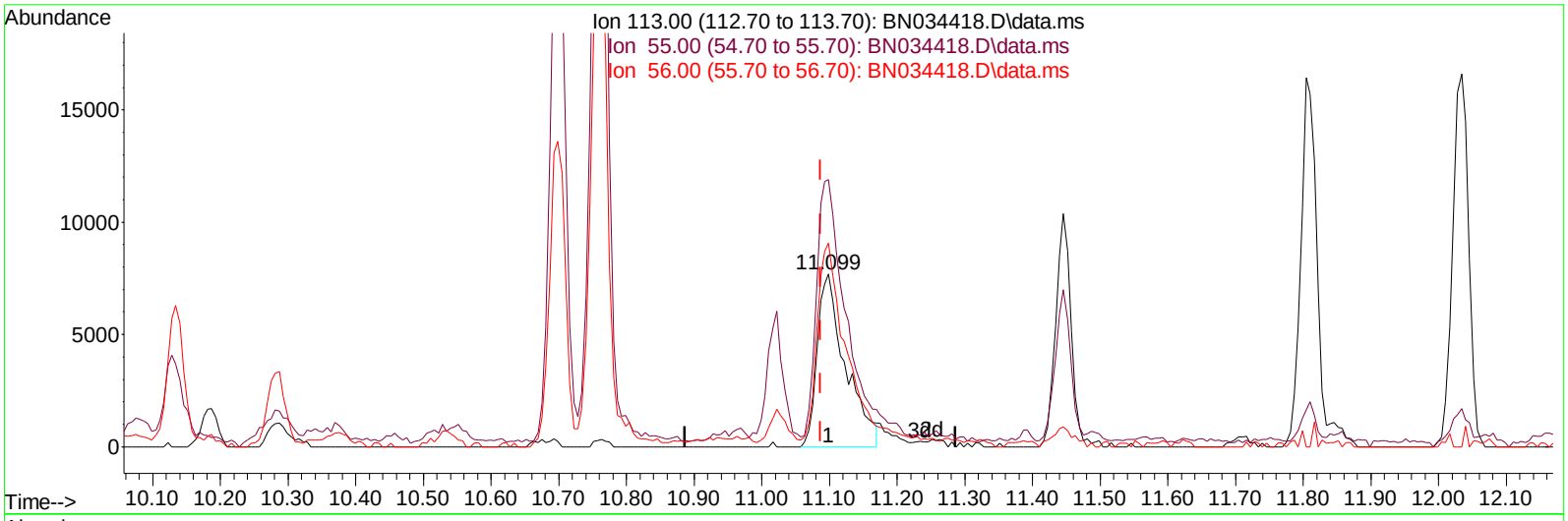
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034418.D
Acq On : 05 Oct 2024 11:04
Operator : RC/JU
Sample : P4218-02MS 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

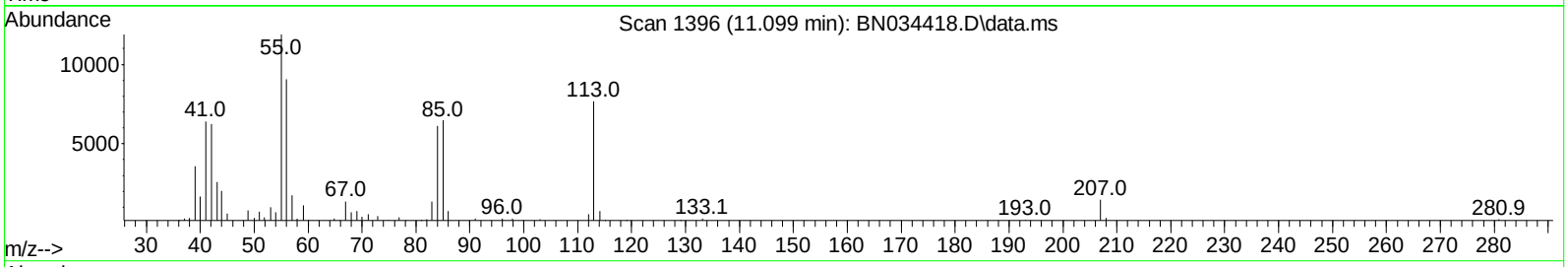
Quant Time: Oct 06 23:54:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

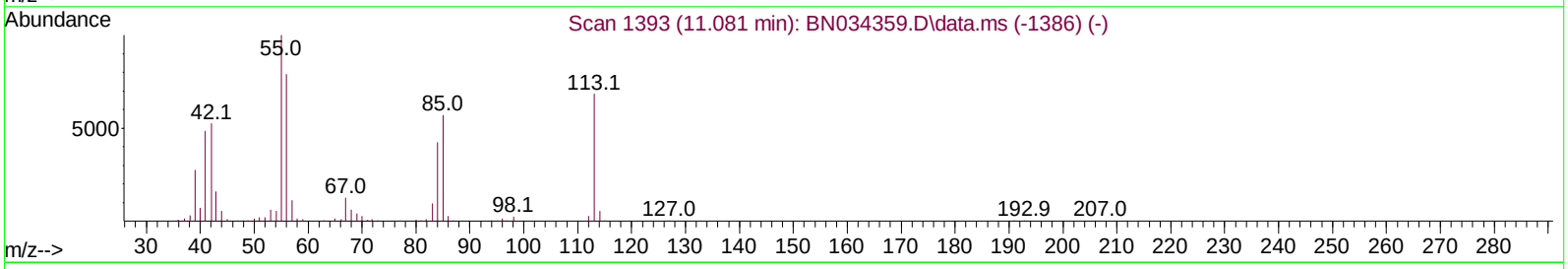
Instrument :
BNA_N
ClientSampleId :
E1H08MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024







TIC: BN034418.D\data.ms

(34) Caprolactam

11.099min (+ 0.012) 4.00 ng/ul

response 22289

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	154.77
56.00	124.60	118.02
0.00	0.00	0.00

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Operator : RC/JU
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 06 23:54:19 2024
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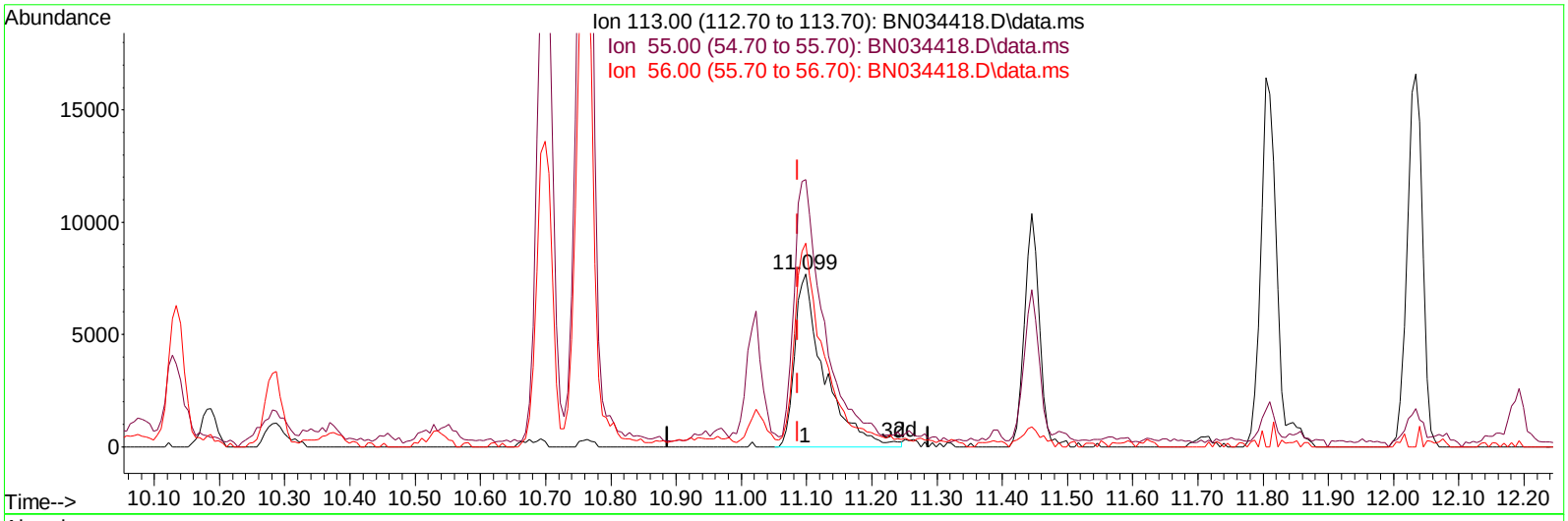

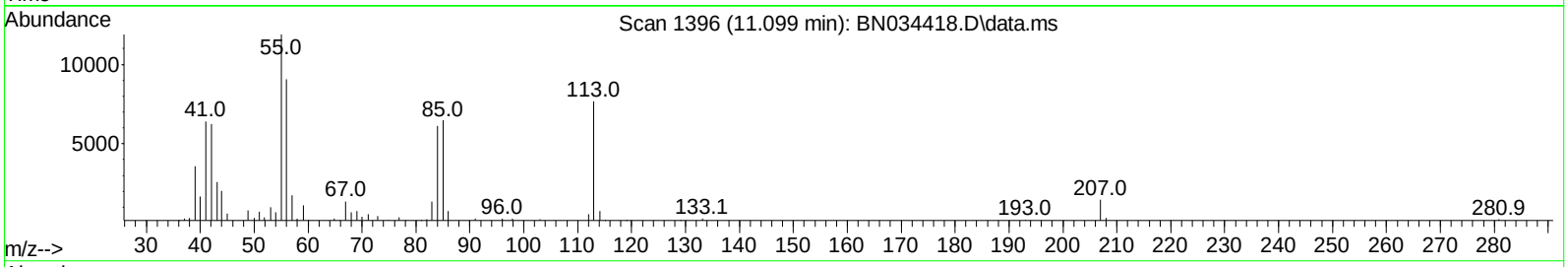

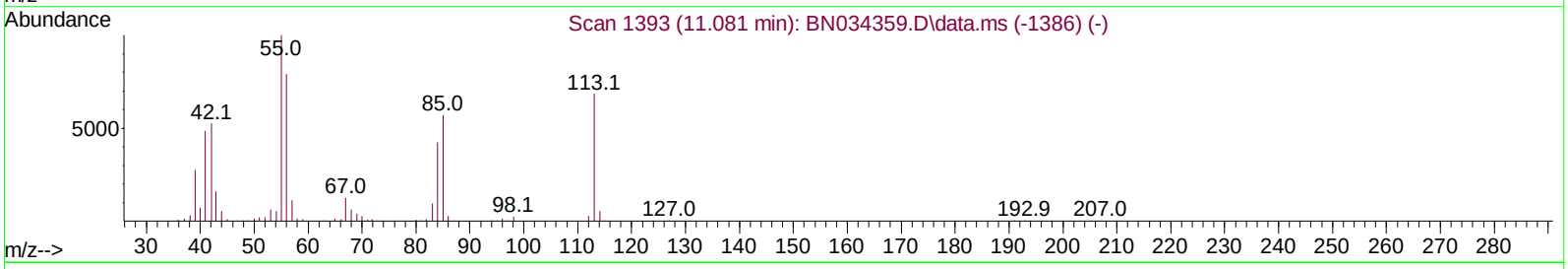

TIC: BN034418.D\data.ms

(34) Caprolactam

11.099min (+ 0.012) 4.33 ng/ul m

response 24139

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	154.77
56.00	124.60	118.02
0.00	0.00	0.00

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Acq On : 05 Oct 2024 11:04
Operator : RC/JU
Sample : P4218-02MS 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 06 23:54:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E1H08MS

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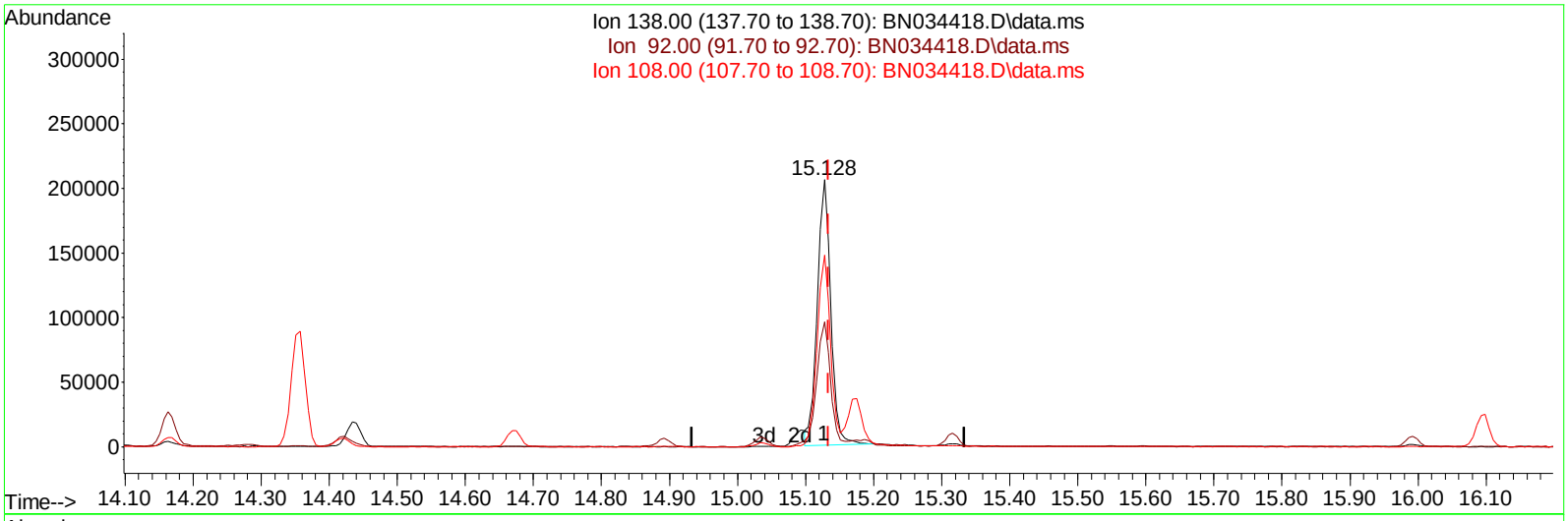

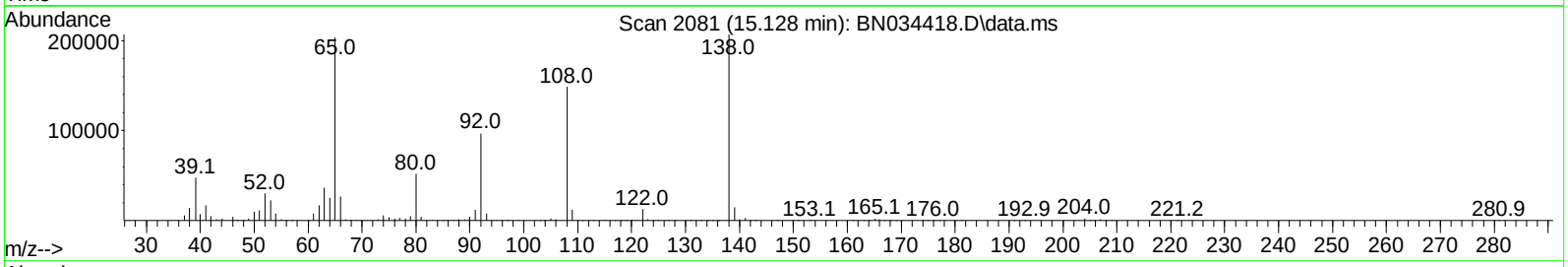

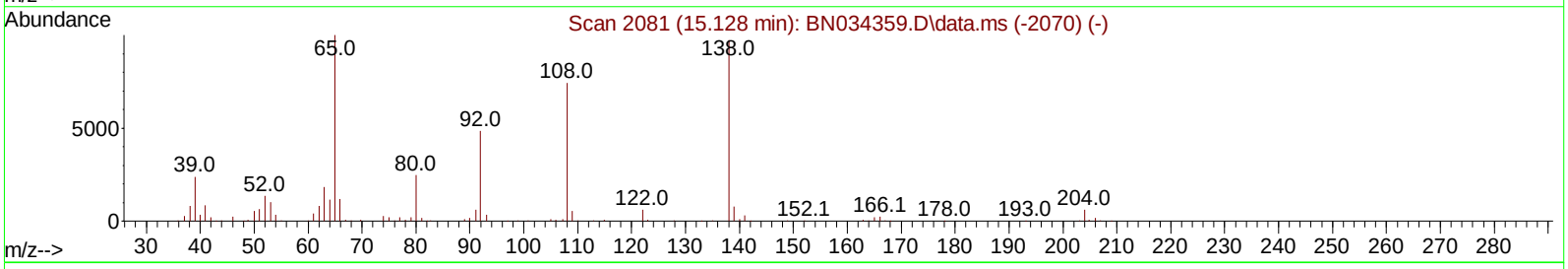

TIC: BN034418.D\data.ms

(63) 4-Nitroaniline

15.128min (-0.006) 31.02 ng/ul

response 283558

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	46.84
108.00	83.70	71.88
0.00	0.00	0.00

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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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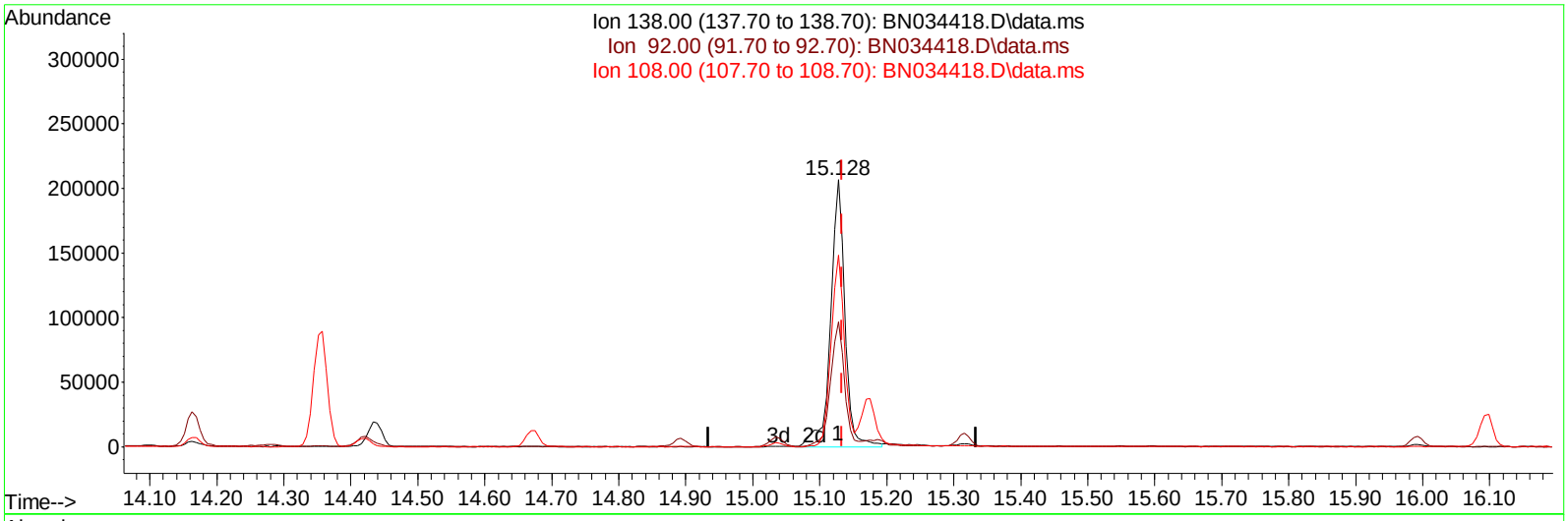

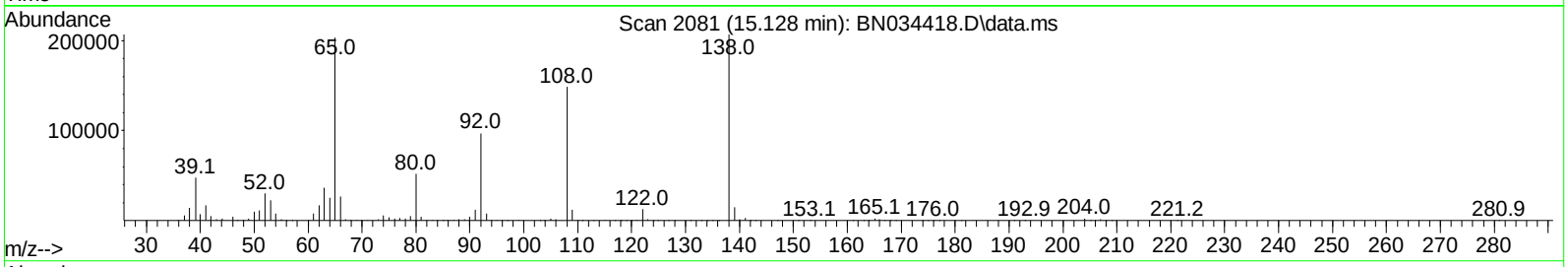

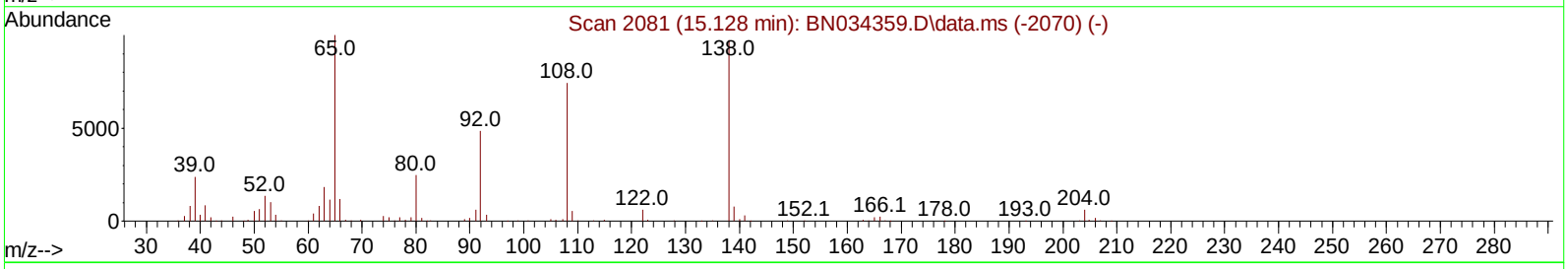

TIC: BN034418.D\data.ms

(63) 4-Nitroaniline

15.128min (-0.006) 33.69 ng/ul m

response 308009

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	53.70	46.84
108.00	83.70	71.88
0.00	0.00	0.00

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Sample : P4218-02MS 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Oct 07 00:55:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
E1H08MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	237032	20.000	ng/ul	0.00
20) Naphthalene-d8	10.134	136	895404	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.034	164	535968	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.786	188	1035491	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	898484	20.000	ng/ul	0.00
88) Perylene-d12	23.727	264	1092342	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	26476	4.558	ng/uL	0.00
4) Pyridine-d5	3.393	84	143523	8.313	ng/ul	0.00
7) Phenol-d5	6.581	99	208443	9.909	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	375007	28.732	ng/ul	0.00
11) 2-Chlorophenol-d4	6.922	132	511206	30.872	ng/ul	0.00
15) 4-Methylphenol-d8	8.099	113	346264	20.004	ng/ul	0.00
21) Nitrobenzene-d5	8.522	128	259829	36.407	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	290289	39.555	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	502956	36.390	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	574685	27.465	ng/ul	0.00
46) Dimethylphthalate-d6	13.463	166	1430722	35.719	ng/ul	0.00
49) Acenaphthylene-d8	13.716	160	1614289	35.825	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	84730	10.307	ng/ul	0.00
60) Fluorene-d10	15.034	176	1204423	35.480	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.175	200	234243	37.940	ng/ul	0.00
73) Anthracene-d10	16.886	188	1786230	36.691	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1996611	39.883	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.551	264	2223345	39.624	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	36188	5.906	ng/uL#	1
5) Pyridine	3.411	79	154016	8.717	ng/ul	93
6) Benzaldehyde	6.540	77	341297	30.735	ng/ul	91
8) Phenol	6.605	94	223289	10.195	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.828	93	512978	30.135	ng/ul	96
12) 2-Chlorophenol	6.952	128	516352	30.428	ng/ul	93
13) 2-Methylphenol	7.834	108	384158	23.467	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.905	45	666235	26.538	ng/ul	96
16) Acetophenone	8.199	105	782154	28.525	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.187	70	360974	26.585	ng/ul	94
18) 4-Methylphenol	8.163	108	372042	20.421	ng/ul	94
19) Hexachloroethane	8.434	117	202523	28.296	ng/ul	86
22) Nitrobenzene	8.563	77	559462	31.319	ng/ul	95
23) Isophorone	9.087	82	1032392	31.340	ng/ul	97
25) 2-Nitrophenol	9.269	139	304348	37.055	ng/ul	91
26) 2,4-Dimethylphenol	9.346	107	397639	23.532	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.575	93	677415	33.422	ng/ul	98
29) 2,4-Dichlorophenol	9.799	162	502574	35.912	ng/ul	94
30) Naphthalene	10.187	128	1628072	33.241	ng/ul	100
32) 4-Chloroaniline	10.310	127	467532	22.674	ng/ul	98
33) Hexachlorobutadiene	10.475	225	317102	35.319	ng/ul	96
34) Caprolactam	11.099	113	24139m	4.332	ng/ul	
35) 4-Chloro-3-methylphenol	11.446	107	493400	29.948	ng/ul	93

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E1H08MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.810	142	1134992	33.643	ng/ul	98
37) 1-Methylnaphthalene	12.034	142	1129550	33.077	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.193	216	597711	38.629	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	263204	27.647	ng/ul	97
41) 2,4,6-Trichlorophenol	12.446	196	399980	38.993	ng/ul	93
42) 2,4,5-Trichlorophenol	12.516	196	438243	38.895	ng/ul	99
43) 1,1'-Biphenyl	12.857	154	1433623	35.479	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	1141580	36.266	ng/ul	99
45) 2-Nitroaniline	13.110	65	324695	31.920	ng/ul	87
47) Dimethylphthalate	13.510	163	1451798	35.563	ng/ul	99
48) 2,6-Dinitrotoluene	13.628	165	313686	39.024	ng/ul	87
50) Acenaphthylene	13.745	152	1767490	35.846	ng/ul	99
51) 3-Nitroaniline	13.951	138	298076	33.554	ng/ul	93
52) Acenaphthene	14.098	153	1225348	34.809	ng/ul	98
53) 2,4-Dinitrophenol	14.163	184	159409	33.715	ng/ul#	84
55) 4-Nitrophenol	14.281	109	63844	9.145	ng/ul	90
56) Dibenzofuran	14.440	168	1691552	35.139	ng/ul	95
57) 2,4-Dinitrotoluene	14.422	165	445659	36.775	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.675	232	366188	39.166	ng/ul#	90
59) Diethylphthalate	14.892	149	1466786	34.384	ng/ul	99
61) Fluorene	15.092	166	1355614	34.425	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.098	204	666336	34.911	ng/ul	98
63) 4-Nitroaniline	15.128	138	308009m	33.694	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.187	198	255168	37.218	ng/ul	95
67) N-Nitrosodiphenylamine	15.316	169	1200756	38.698	ng/ul	97
68) 4-Bromophenyl-phenylether	15.992	248	430930	40.983	ng/ul	94
69) Hexachlorobenzene	16.098	284	495076	40.565	ng/ul	91
70) Atrazine	16.287	200	316992	28.196	ng/ul	96
71) Pentachlorophenol	16.445	266	353207	43.453	ng/ul	96
72) Phenanthrene	16.834	178	2097076	36.728	ng/ul	99
74) Anthracene	16.922	178	2106480	36.130	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	577390	40.065	ng/uL	98
76) Pentachlorobenzene	14.357	250	570012	38.846	ng/uL	96
77) Carbazole	17.204	167	1914249	35.673	ng/ul	99
78) Di-n-butylphthalate	17.786	149	2505652	36.733	ng/ul	99
80) Fluoranthene	18.863	202	2395046	40.924	ng/ul	99
82) Pyrene	19.228	202	2496318	39.677	ng/ul	97
83) Butylbenzylphthalate	20.169	149	1084986	38.455	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.951	252	793433	39.314	ng/ul	99
85) Benzo(a)anthracene	21.010	228	2415796	37.711	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	20.969	149	1623611	39.315	ng/ul	97
87) Chrysene	21.069	228	2322671	37.999	ng/ul	98
89) Di-n-octyl phthalate	22.010	149	2748513	37.814	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2581969	38.769	ng/ul	99
91) Benzo(k)fluoranthene	22.945	252	2533796	38.566	ng/ul	98
93) Benzo(a)pyrene	23.610	252	2348648	37.331	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.727	276	3311761	42.484	ng/ul	98
95) Dibenzo(a,h)anthracene	26.774	278	2660479	42.222	ng/ul	97
96) Benzo(g,h,i)perylene	27.651	276	2586930	42.749	ng/ul	98

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

Instrument :
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E1H08MS

Manual IntegrationsAPPROVED

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