Quantitation Report (Qedit)

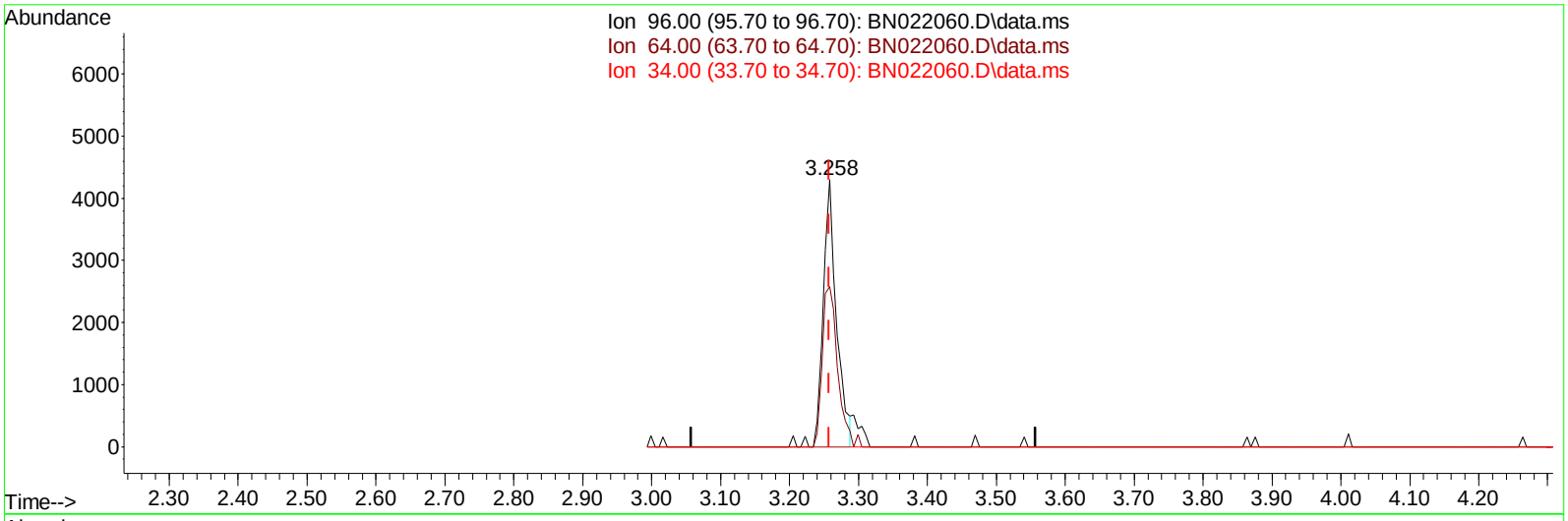
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101222\
Data File : BN022060.D
Acq On : 12 Oct 2022 11:27
Operator : CG/JU
Sample : SSTD00535
Misc :
ALS Vial : 3 Sample Multiplier: 1

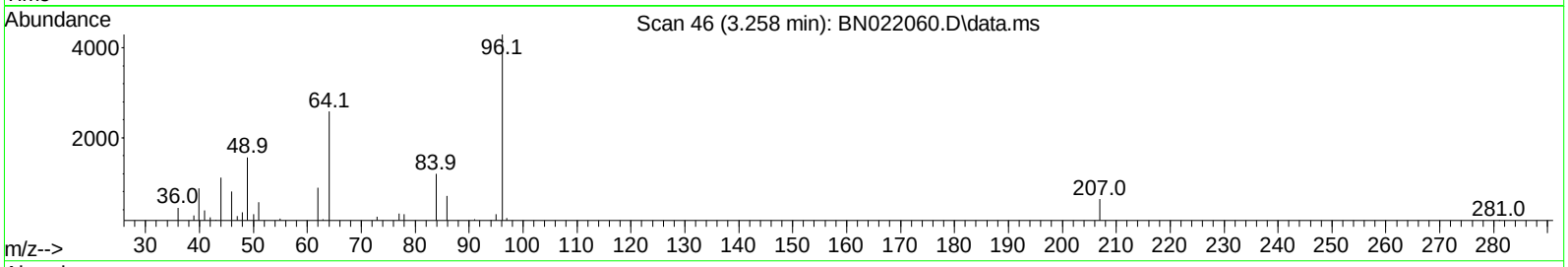
Quant Time: Oct 13 02:14:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 02:12:15 2022
Response via : Initial Calibration

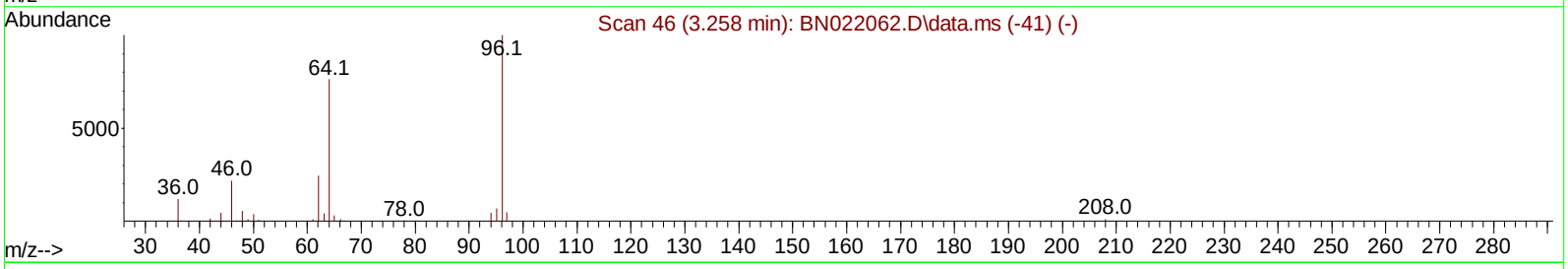
Instrument :
BNA_N
ClientSampleId :
SSTD005245

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022







TIC: BN022060.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.258min (0.000) 1.86 ng/uL

response 5750

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.20	60.12#
34.00	0.00	0.00
0.00	0.00	0.00

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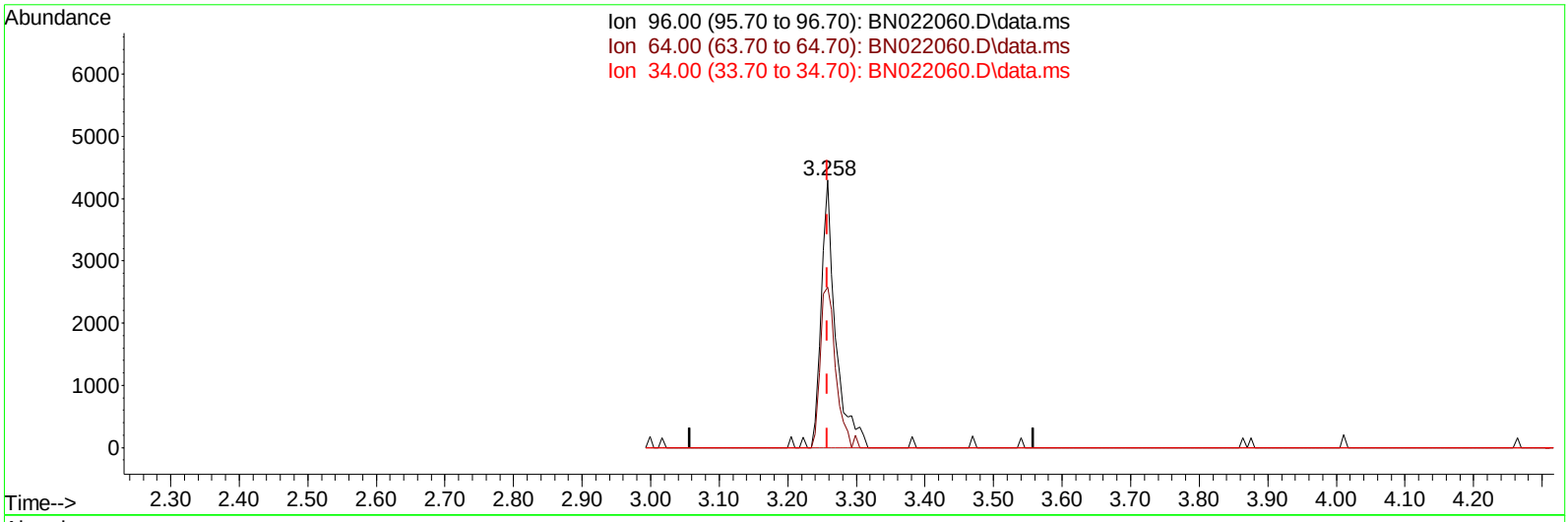

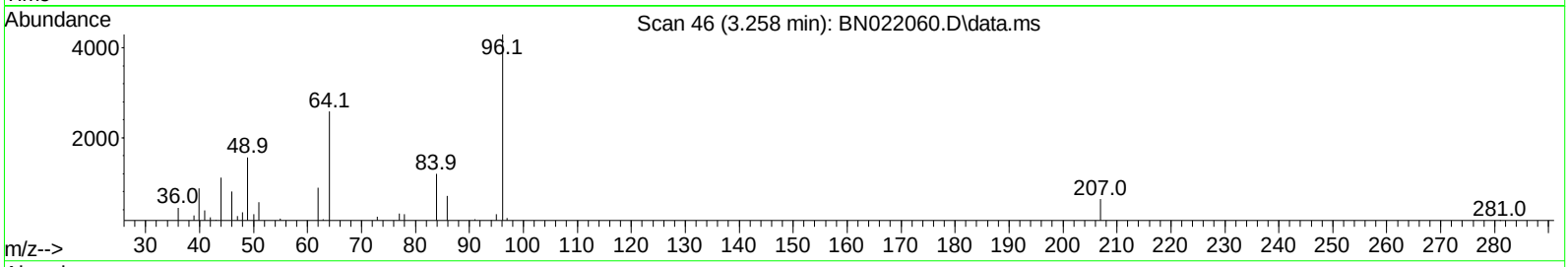

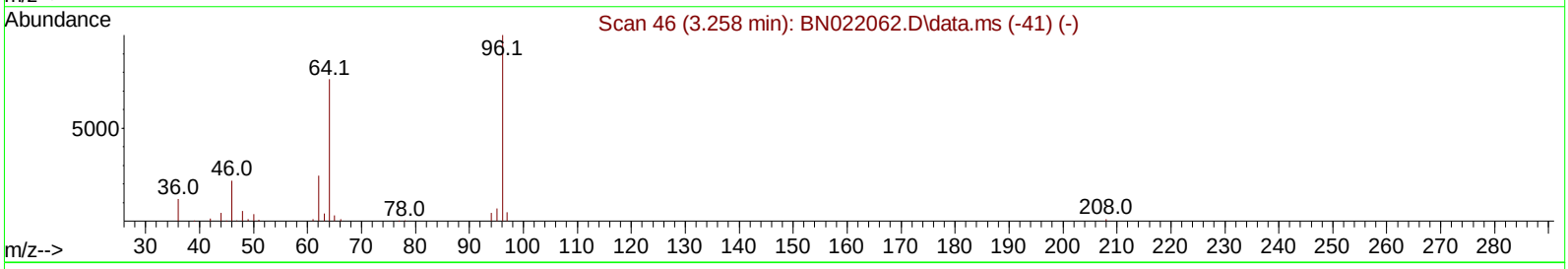

TIC: BN022060.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.258min (0.000) 2.01 ng/uL m

response 6222

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.20	60.12#
34.00	0.00	0.00
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	7.958	152	117300	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	540747	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	359091	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	751771	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	763581	20.000	ng/ul	# 0.00
88) Perylene-d12	24.057	264	810986	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	6222m	2.008	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.481	132	33097	4.231	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.140	128	16046	4.181	ng/ul	0.00
24) 2-Nitrophenol-d4	9.869	143	15106	3.861	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	30639	4.140	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.045	166	111191	4.406	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	115874	4.220	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.628	176	97115	4.546	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.486	188	149795	4.614	ng/ul	0.00
81) Pyrene-d10	19.786	212	171304	4.614	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.892	264	177236	4.520	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	7136	2.125	ng/uL	94
12) 2-Chlorophenol	7.516	128	37505	4.358	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.775	70	30846	4.005	ng/ul	100
19) Hexachloroethane	9.046	117	15034	4.357	ng/ul	95
22) Nitrobenzene	9.181	77	44208	4.192	ng/ul	96
23) Isophorone	9.710	82	82125	3.984	ng/ul	100
25) 2-Nitrophenol	9.899	139	18175	3.919	ng/ul	96
26) 2,4-Dimethylphenol	9.957	107	42627	4.261	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.199	93	57631	4.416	ng/ul	99
29) 2,4-Dichlorophenol	10.434	162	33886	4.293	ng/ul	97
30) Naphthalene	10.840	128	136900	4.665	ng/ul	99
33) Hexachlorobutadiene	11.122	225	21091	4.829	ng/ul	93
35) 4-Chloro-3-methylphenol	12.081	107	38044	3.962	ng/ul	96
36) 2-Methylnaphthalene	12.457	142	91063	4.557	ng/ul	95
37) 1-Methylnaphthalene	12.675	142	91117	4.512	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.822	216	42419	4.628	ng/ul	95
41) 2,4,6-Trichlorophenol	13.063	196	25076	4.060	ng/ul	98
42) 2,4,5-Trichlorophenol	13.134	196	28607	4.209	ng/ul	97
43) 1,1'-Biphenyl	13.463	154	122679	4.686	ng/ul	98
44) 2-Chloronaphthalene	13.510	162	95658	4.686	ng/ul	96
45) 2-Nitroaniline	13.722	65	22252	3.539	ng/ul	96
47) Dimethylphthalate	14.087	163	123327	4.599	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	17198	3.594	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.357	152	137850	4.369	ng/ul	98
52) Acenaphthene	14.698	153	106657	4.646	ng/ul	99
56) Dibenzofuran	15.034	168	147533	4.768	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	25858	3.573	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.257	232	23823	4.126	ng/ul	96
59) Diethylphthalate	15.451	149	120035	4.318	ng/ul	99
61) Fluorene	15.681	166	119709	4.680	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.675	204	57510	4.952	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	99637	4.580	ng/ul	97
68) 4-Bromophenyl-phenylether	16.575	248	28825	4.265	ng/ul	86
69) Hexachlorobenzene	16.686	284	37723	4.708	ng/ul	97
72) Phenanthrene	17.428	178	197260	4.819	ng/ul	98
74) Anthracene	17.522	178	189058	4.638	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.428	216	43248	4.750	ng/uL	97
76) Pentachlorobenzene	14.945	250	47222	4.793	ng/uL	93
78) Di-n-butylphthalate	18.357	149	187250	4.064	ng/ul	100
80) Fluoranthene	19.451	202	214525	4.550	ng/ul	97
82) Pyrene	19.816	202	238401	4.791	ng/ul	99
83) Butylbenzylphthalate	20.716	149	76399	3.601	ng/ul	94
85) Benzo(a)anthracene	21.569	228	229340	4.781	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.492	149	114141	3.705	ng/ul#	99
87) Chrysene	21.622	228	226838	4.806	ng/ul	96
90) Benzo(b)fluoranthene	23.298	252	235799	4.605	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	238489	4.722	ng/ul	98
93) Benzo(a)pyrene	23.945	252	209159	4.626	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.651	276	263290	4.587	ng/ul	96
95) Dibenzo(a,h)anthracene	26.668	278	237892	4.583	ng/ul	96
96) Benzo(g,h,i)perylene	27.451	276	233064	4.505	ng/ul	96

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

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