Quantitation Report (Qedit)

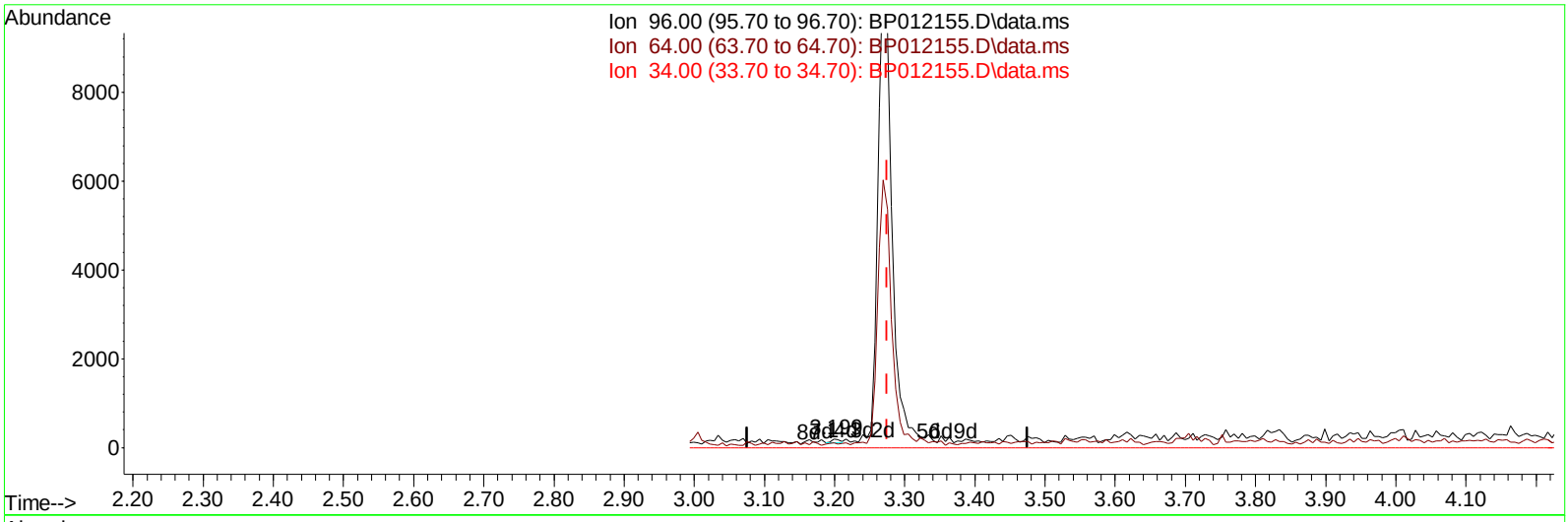
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012155.D
Acq On : 15 Oct 2022 01:35
Operator : CG/JU
Sample : N4984-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

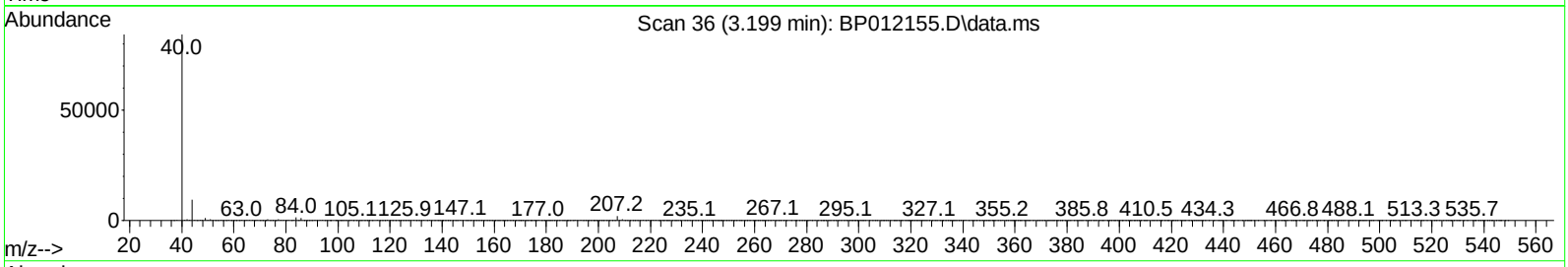
Quant Time: Oct 15 02:27:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

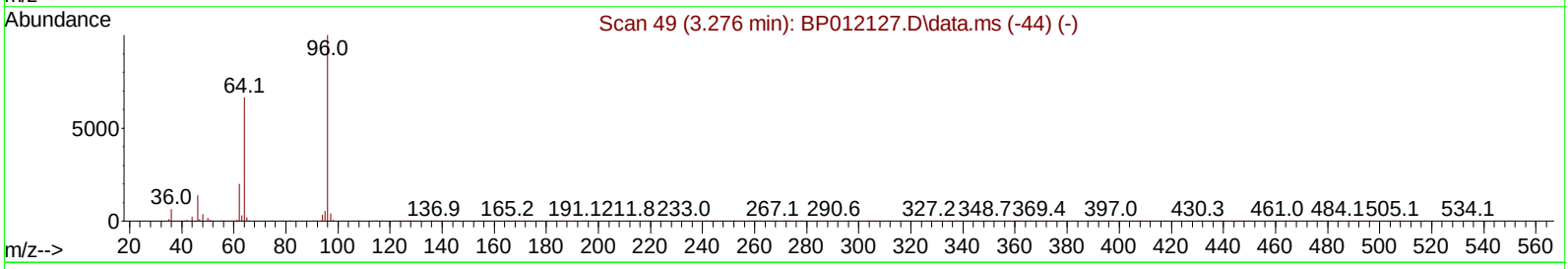
Instrument :
BNA_P
ClientSampleId :
BGNM2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022







TIC: BP012155.D\data.ms

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

3.199min (-0.077) 0.01 ng/uL

response 72

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.10	57.95
34.00	0.00	0.00
0.00	0.00	0.00

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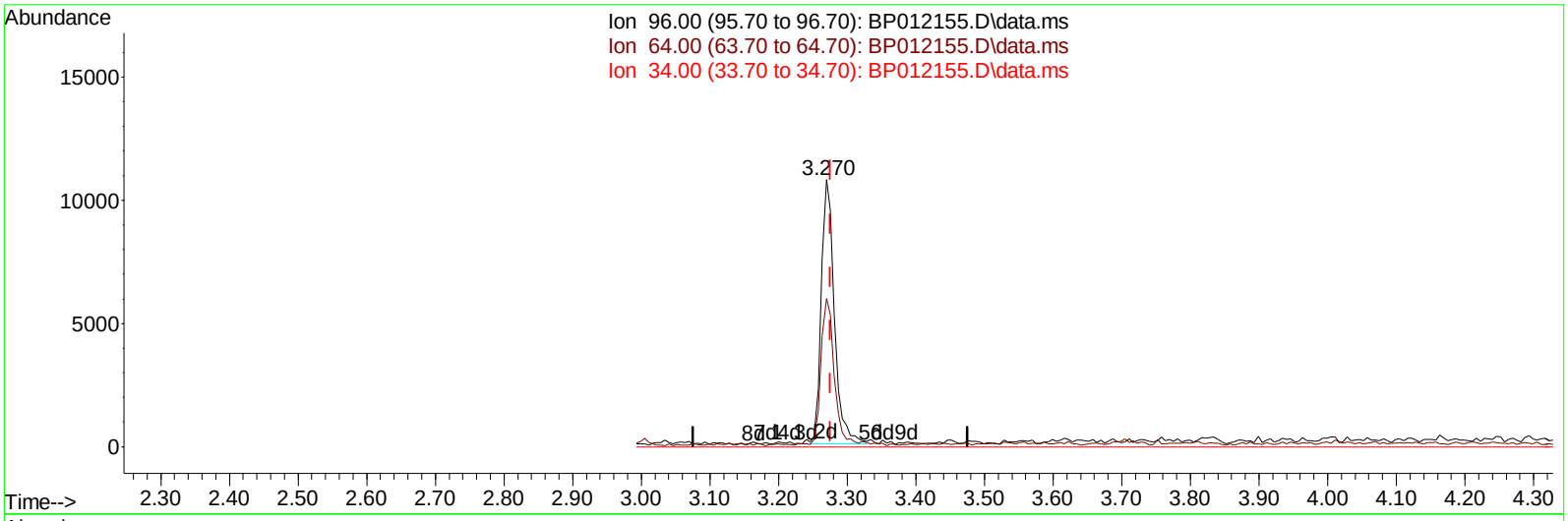

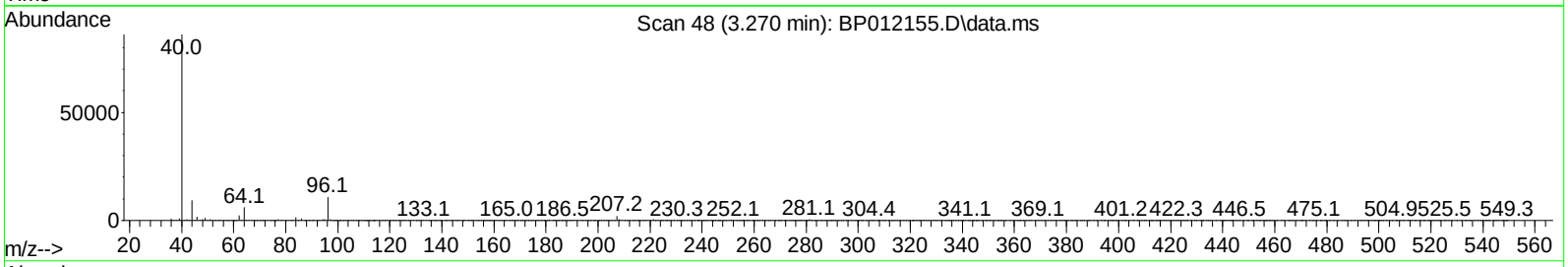

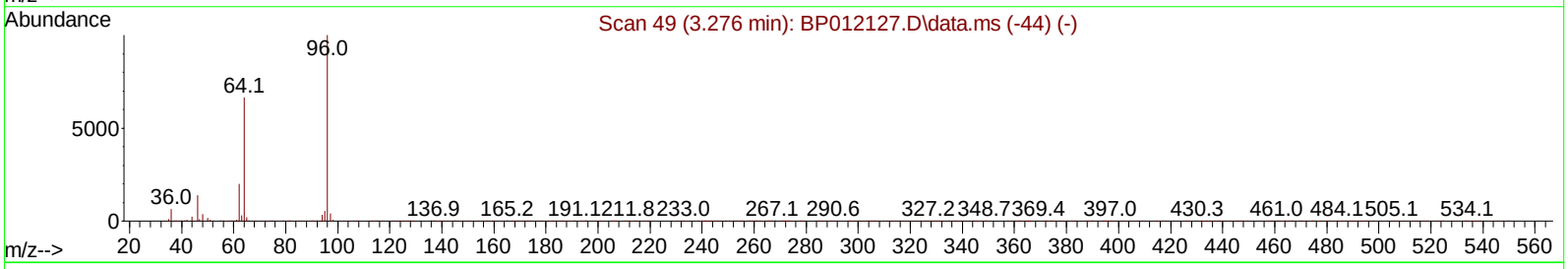

TIC: BP012155.D\data.ms

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

3.270min (-0.006) 2.33 ng/uL m

response 14352

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.10	55.61#
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	7.840	152	242908	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.646	136	984707	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.492	164	536703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	1152809	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1264998	20.000	ng/ul	# 0.00
88) Perylene-d12	23.757	264	1366933	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	14352m	2.329	ng/uL	0.00
4) Pyridine-d5	3.699	84	62737	3.829	ng/ul	0.00
7) Phenol-d5	7.011	99	636037	32.557	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	399441	36.021	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.369	132	527560	34.020	ng/ul	-0.01
15) 4-Methylphenol-d8	8.557	113	464361	30.946	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	247658	35.611	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.728	143	253692	35.976	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.269	165	443658	32.463	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.793	131	495388	24.598	ng/ul	-0.01
46) Dimethylphthalate-d6	13.904	166	1214208	35.722	ng/ul	-0.01
49) Acenaphthylene-d8	14.181	160	1531274	36.432	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.704	143	172310	25.822	ng/ul	0.00
60) Fluorene-d10	15.487	176	1131200	36.784	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.616	200	85047	13.971	ng/ul	0.00
73) Anthracene-d10	17.351	188	1833966	36.636	ng/ul	0.00
81) Pyrene-d10	19.586	212	2298938	35.474	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.598	264	2472018	37.201	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.034	94	30432	1.484	ng/ul#	86
30) Naphthalene	10.693	128	90208	1.734	ng/ul	98
36) 2-Methylnaphthalene	12.310	142	59570	1.778	ng/ul	96
37) 1-Methylnaphthalene	12.528	142	47715	1.422	ng/ul	98
56) Dibenzofuran	14.892	168	59341	1.297	ng/ul	96
72) Phenanthrene	17.292	178	587111	9.365	ng/ul	100
74) Anthracene	17.386	178	97490	1.571	ng/ul	98
77) Carbazole	17.663	167	66028	1.193	ng/ul	97
80) Fluoranthene	19.263	202	724718	9.126	ng/ul	96
82) Pyrene	19.616	202	621519	7.396	ng/ul	95
85) Benzo(a)anthracene	21.327	228	347200	4.360	ng/ul	97
87) Chrysene	21.380	228	344687	4.497	ng/ul	97
90) Benzo(b)fluoranthene	23.016	252	465657	5.382	ng/ul#	95
91) Benzo(k)fluoranthene	23.063	252	154810	1.819	ng/ul#	94
93) Benzo(a)pyrene	23.645	252	325704	4.219	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.262	276	228377	2.340	ng/ul	98
96) Benzo(g,h,i)perylene	27.033	276	174495	1.983	ng/ul#	94

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

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