Quantitation Report (Qedit)

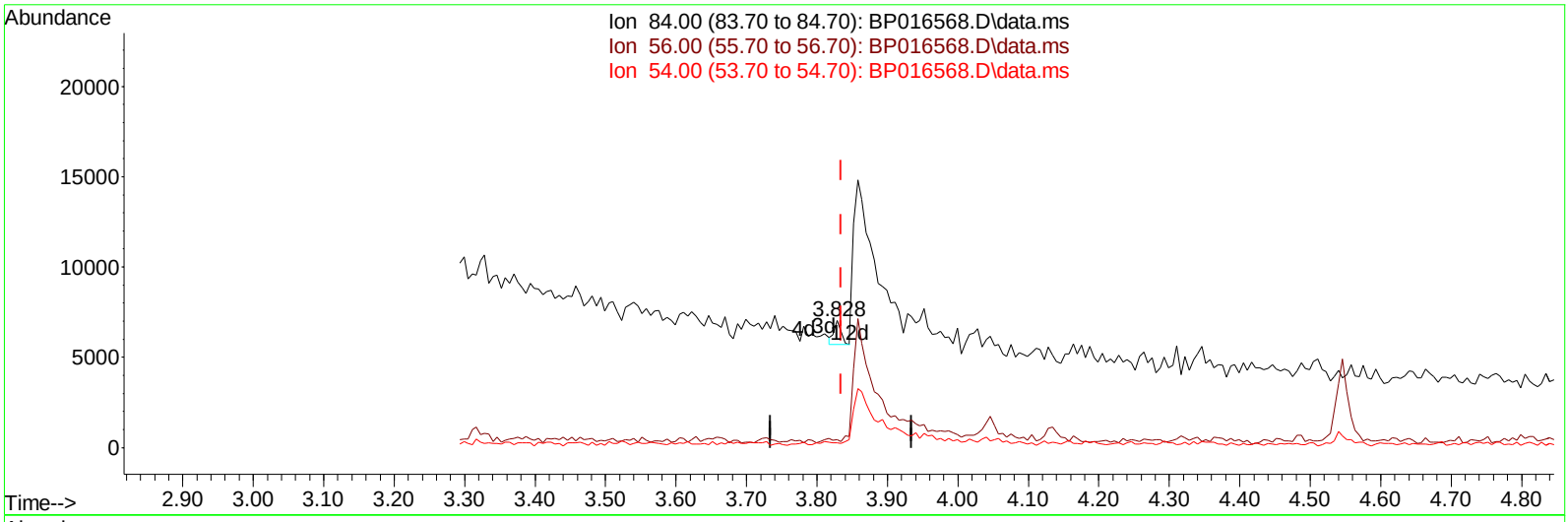
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
Data File : BP016568.D
Acq On : 14 Aug 2023 18:59
Operator : MA/JU
Sample : 03965-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

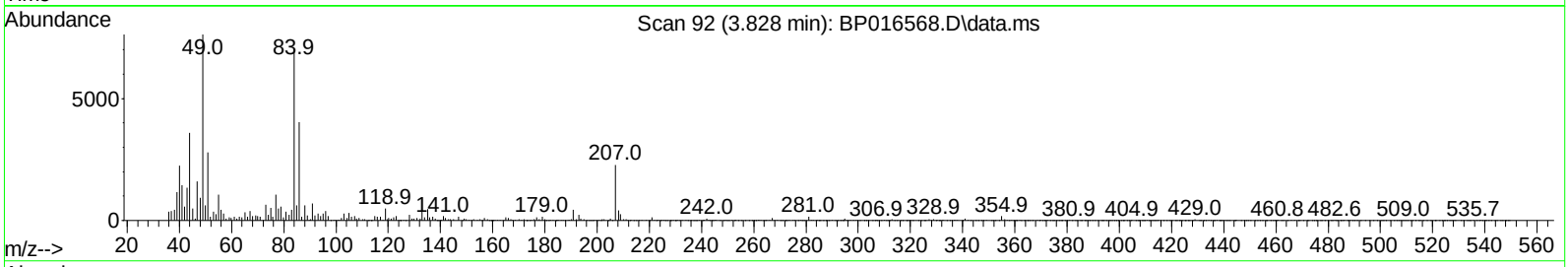
Quant Time: Aug 14 23:51:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 14 18:26:05 2023
Response via : Initial Calibration

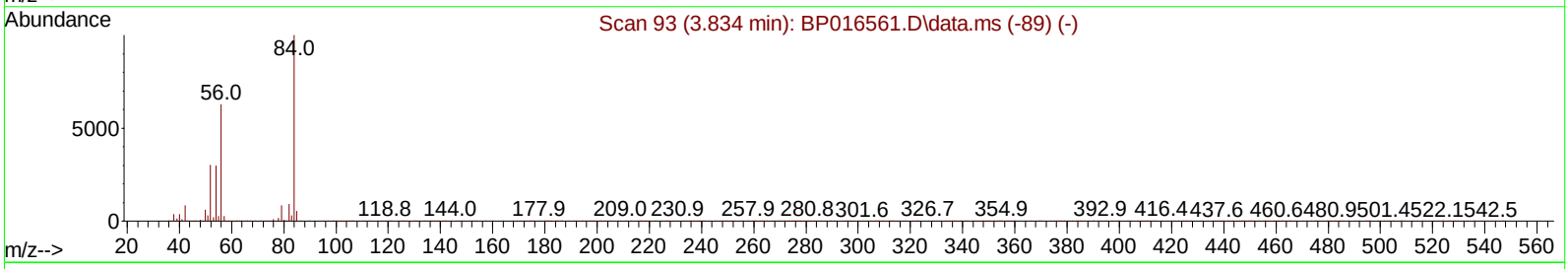
Instrument :
BNA_P
ClientSampleId :
A48H7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/15/2023
Supervised By :Sohil Jodhani 08/15/2023







TIC: BP016568.D\data.ms

(4) Pyridine-d5 (S)

3.828min (-0.006) 0.02 ng/ul

response 944

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.90	6.16#
54.00	30.30	3.73#
0.00	0.00	0.00

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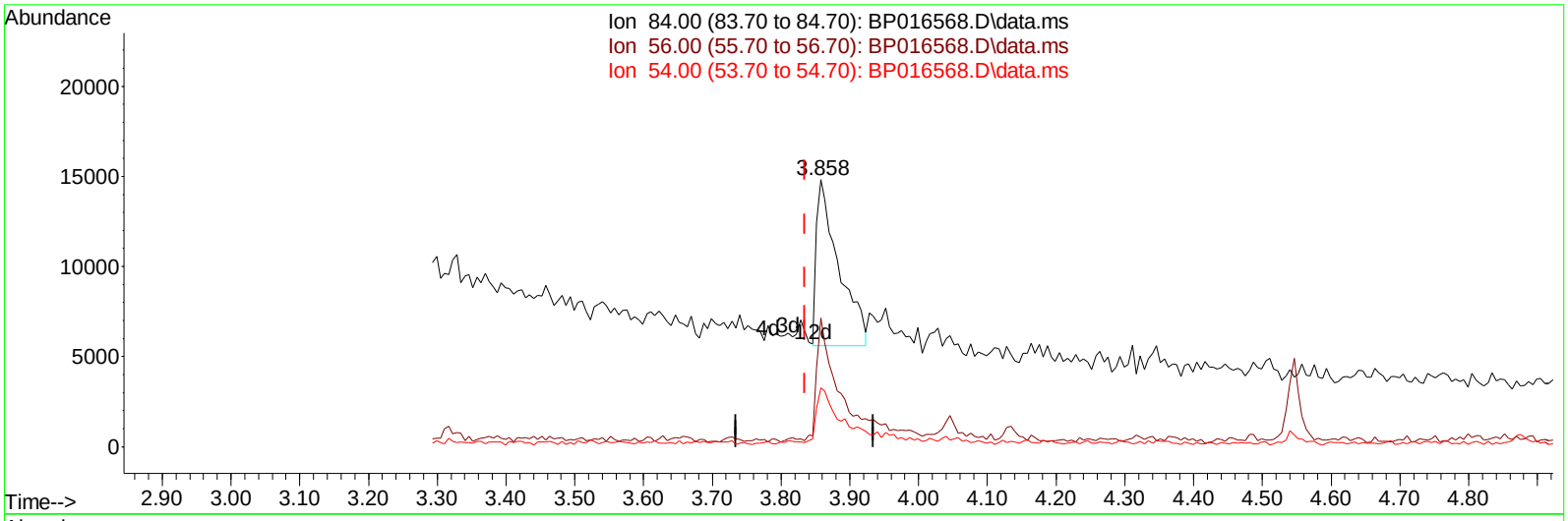

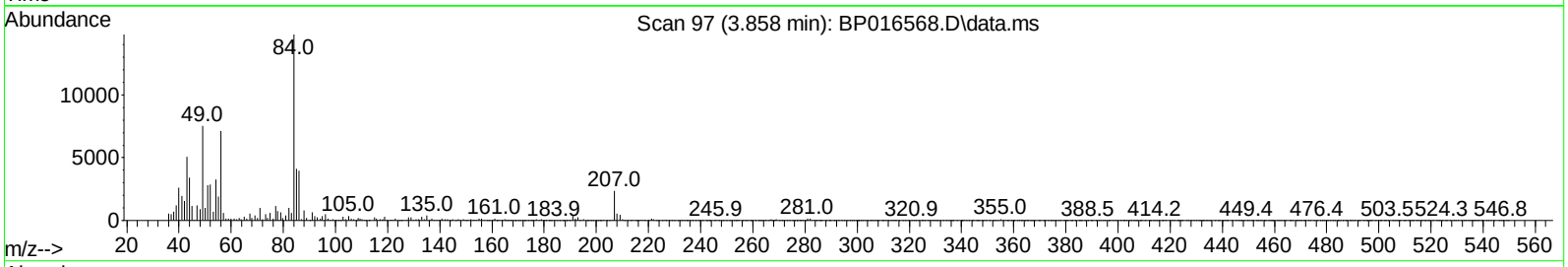

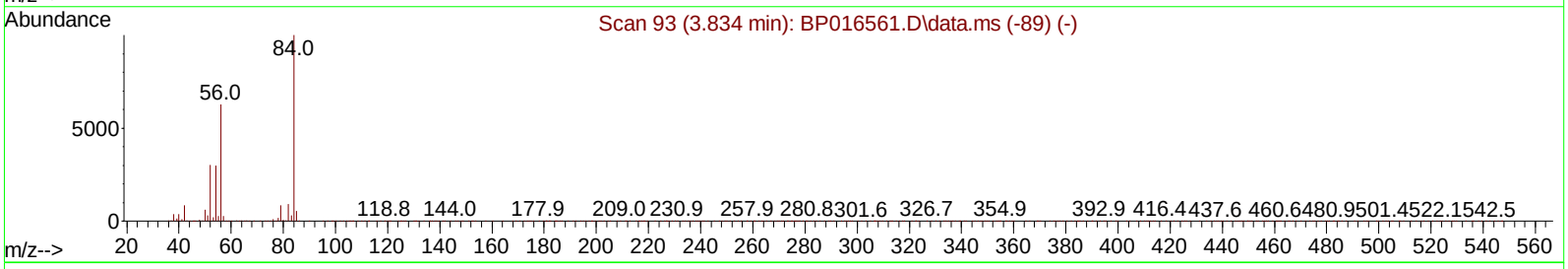

TIC: BP016568.D\data.ms

(4) Pyridine-d5 (S)

3.858min (+ 0.023) 0.43 ng/ul m

response 20649

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	61.90	48.24#
54.00	30.30	22.02#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	594209	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2569732	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1457391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	2953240	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1978481	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	1908535	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	42934	2.746	ng/uL	0.00
4) Pyridine-d5	3.858	84	20649m	0.434	ng/ul	0.02
7) Phenol-d5	7.199	99	493241	9.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	584240	16.192	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	601752	15.293	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	199933	4.590	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	321280	17.769	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	321980	18.749	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	515173	15.243	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	15883	0.274	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	1718943	16.307	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	2030738	17.068	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	83098	3.870	ng/ul	0.00
60) Fluorene-d10	15.704	176	1498313	16.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	152113	10.827	ng/ul	0.00
73) Anthracene-d10	17.575	188	2139231	16.746	ng/ul	0.00
81) Pyrene-d10	19.804	212	2237568	21.584	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	1555150	17.003	ng/ul	0.00
Target Compounds						Qvalue
6) Benzaldehyde	7.211	77	136117	4.507	ng/ul	97
8) Phenol	7.222	94	85972	1.468	ng/ul	98
16) Acetophenone	8.905	105	379836	5.400	ng/ul	98
72) Phenanthrene	17.516	178	785980	5.052	ng/ul	99
78) Di-n-butylphthalate	18.404	149	186619	1.119	ng/ul	99
80) Fluoranthene	19.475	202	1663143	13.442	ng/ul	99
82) Pyrene	19.833	202	1435770	10.989	ng/ul	99
85) Benzo(a)anthracene	21.551	228	617970	4.648	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	153915	2.015	ng/ul	99
87) Chrysene	21.610	228	680319	5.468	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	840754	7.398	ng/ul#	62
91) Benzo(k)fluoranthene	23.398	252	253656	2.250	ng/ul#	85
93) Benzo(a)pyrene	24.039	252	519167	4.843	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.904	276	381132	3.012	ng/ul	97
96) Benzo(g,h,i)perylene	27.762	276	352364	3.499	ng/ul	99

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

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