Quantitation Report (Qedit)

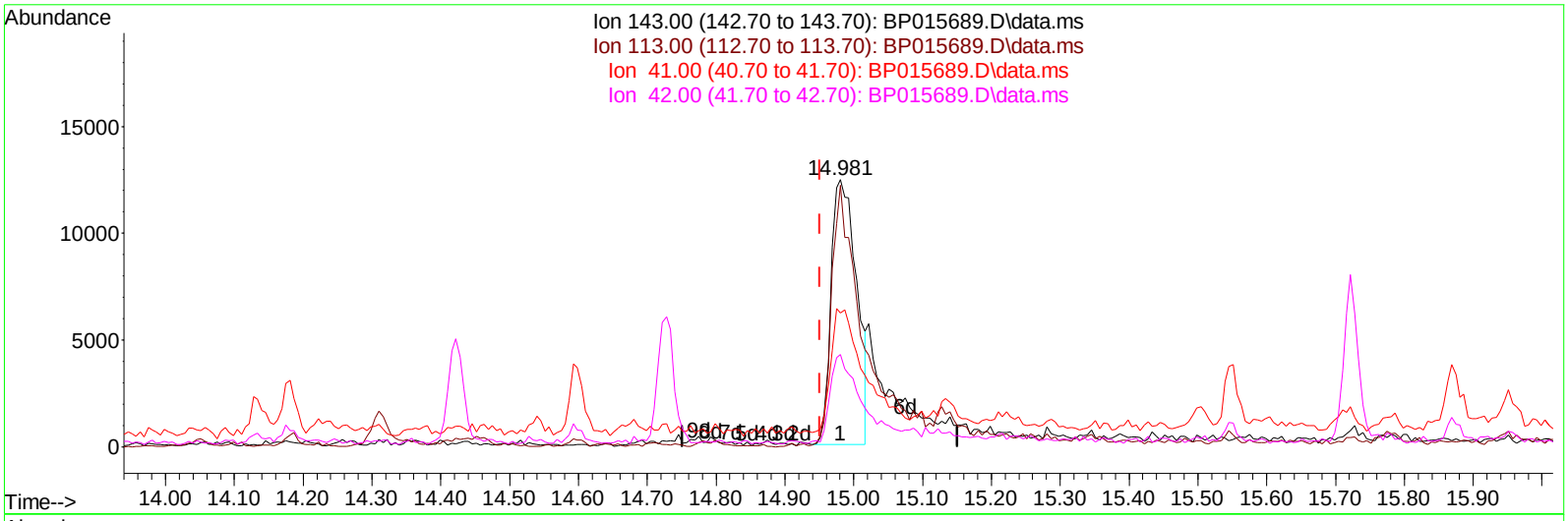
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
Data File : BP015689.D
Acq On : 24 Jun 2023 01:39
Operator : MA/JU
Sample : 03084-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

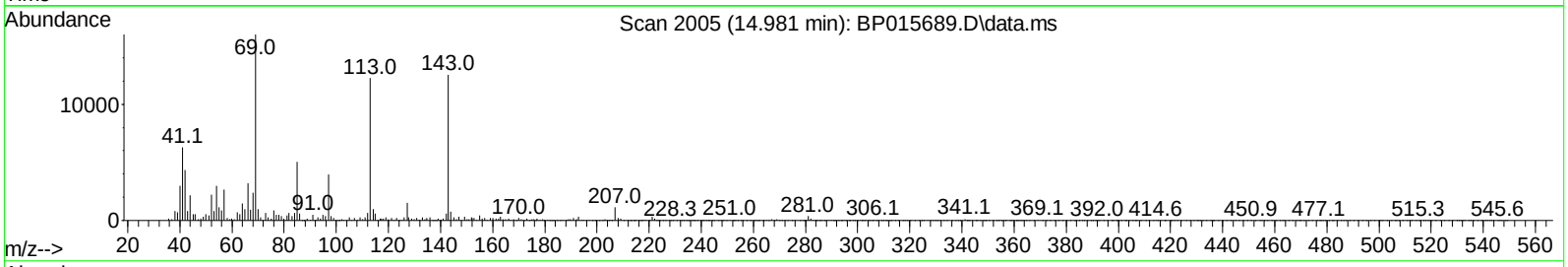
Quant Time: Jun 24 02:34:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

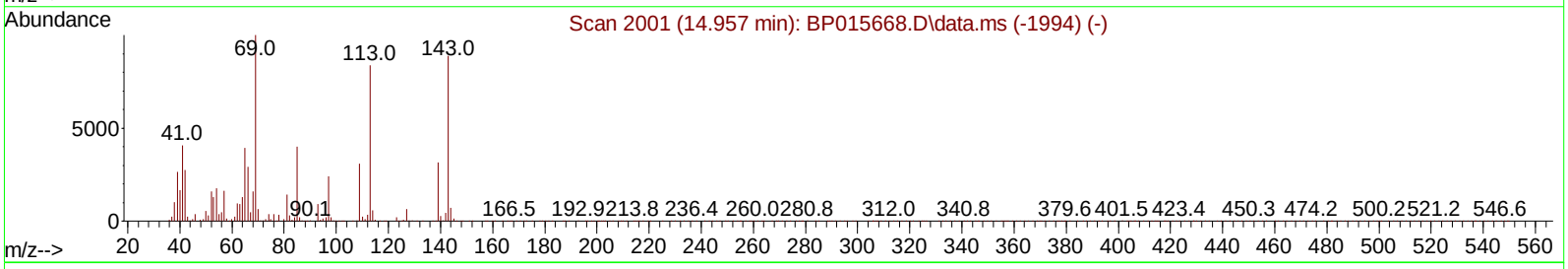
Instrument :
BNA_P
ClientSampleId :
DCFM7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2023
Supervised By :mohammad ahmed 06/27/2023







TIC: BP015689.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.981min (+ 0.030) 8.42 ng/ul

response 31815

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	97.86
41.00	42.20	50.17
42.00	29.40	34.56

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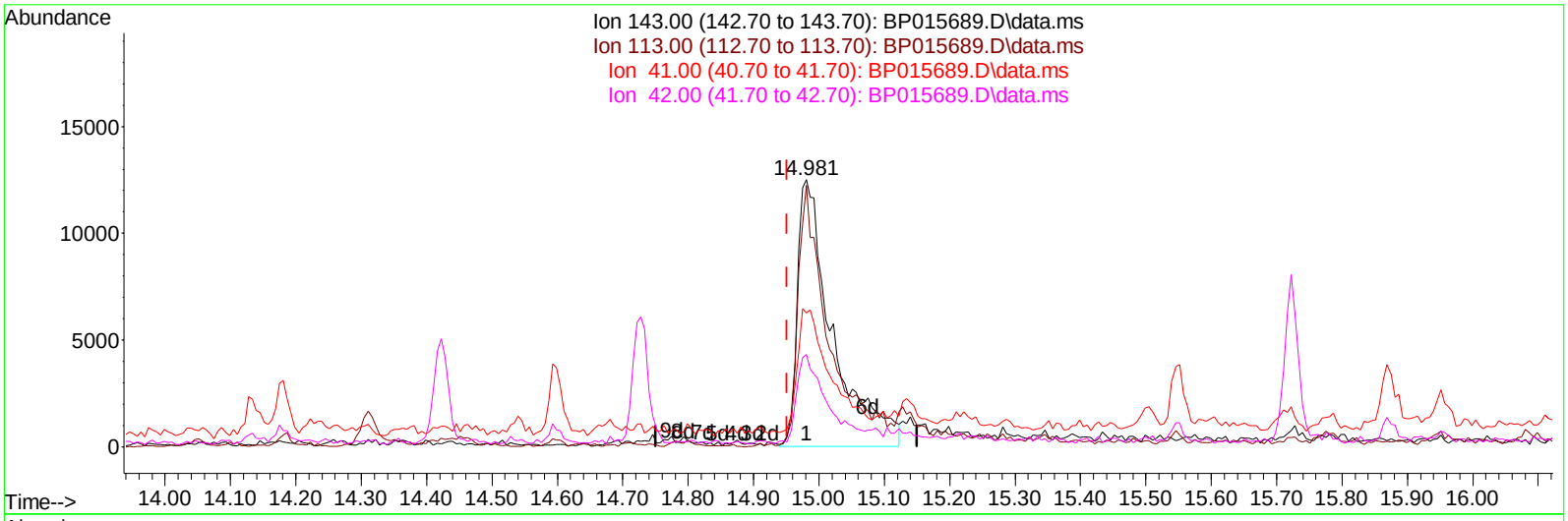

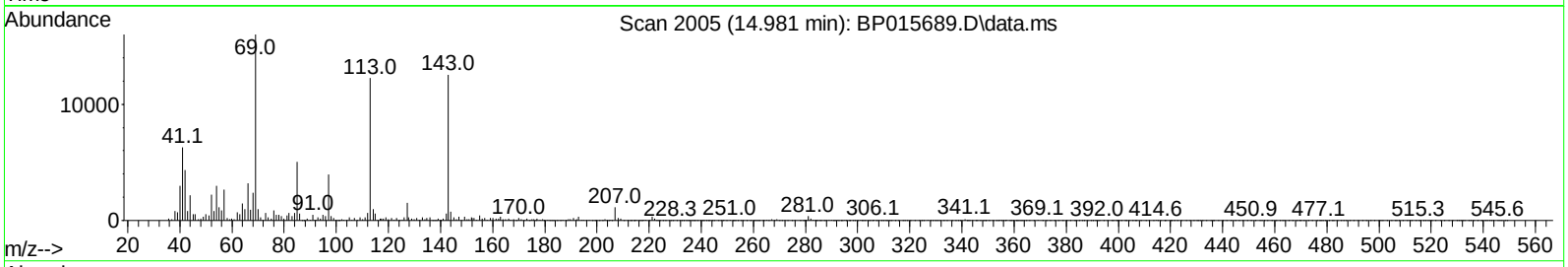

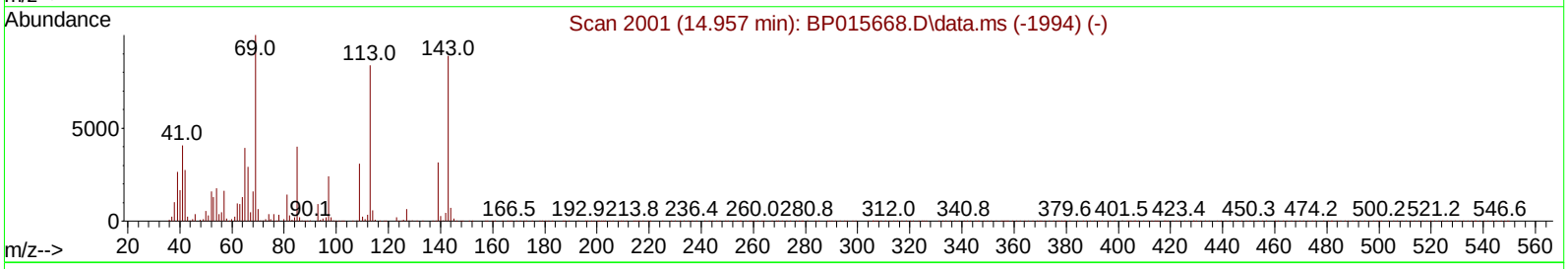

TIC: BP015689.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.981min (+ 0.030) 12.33 ng/ul m

response 46597

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	86.60	97.86
41.00	42.20	50.17
42.00	29.40	34.56

Quantitation Report (QT Reviewed)

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Acq On : 24 Jun 2023 01:39
Operator : MA/JU
Sample : 03084-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 24 02:43:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	122609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	455830	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	267541	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	597296	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	572069	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	705793	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	9031	2.728	ng/uL	0.00
4) Pyridine-d5	3.852	84	87388	10.161	ng/ul	0.01
7) Phenol-d5	7.252	99	161928	14.336	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.405	67	107425	15.924	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	138282	16.885	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	107372	11.582	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	63524	17.751	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	75027	18.358	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	118765	15.931	ng/ul	0.01
31) 4-Chloroaniline-d4	11.081	131	63999	5.981	ng/ul	0.03
46) Dimethylphthalate-d6	14.134	166	421448	19.976	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	486535	21.090	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	46597m	12.334	ng/ul	0.03
60) Fluorene-d10	15.722	176	364542	20.491	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	49570	13.100	ng/ul	0.00
73) Anthracene-d10	17.592	188	589107	21.677	ng/ul	0.00
81) Pyrene-d10	19.816	212	711888	23.251	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	760999	21.489	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.957	128	34117	1.381	ng/ul	99
36) 2-Methylnaphthalene	12.575	142	19254	1.109	ng/ul	95
50) Acenaphthylene	14.451	152	145173	5.683	ng/ul	100
52) Acenaphthene	14.793	153	26991	1.528	ng/ul	93
61) Fluorene	15.781	166	34243	1.678	ng/ul#	92
72) Phenanthrene	17.534	178	1032745	32.220	ng/ul	100
74) Anthracene	17.628	178	296290	9.110	ng/ul	99
80) Fluoranthene	19.492	202	2894835	77.618	ng/ul	98
82) Pyrene	19.845	202	2443630	63.330	ng/ul	99
85) Benzo(a)anthracene	21.563	228	1522495	38.070	ng/ul	98
87) Chrysene	21.622	228	1578945	41.770	ng/ul	96
90) Benzo(b)fluoranthene	23.363	252	2512316	55.144	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	789977	17.938	ng/ul	98
93) Benzo(a)pyrene	24.033	252	1612689	40.601	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.863	276	1330158	25.876	ng/ul	96
95) Dibenzo(a,h)anthracene	26.863	278	368261	8.793	ng/ul#	87
96) Benzo(g,h,i)perylene	27.710	276	1258182	29.700	ng/ul	98

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

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