Quantitation Report (Qedit)

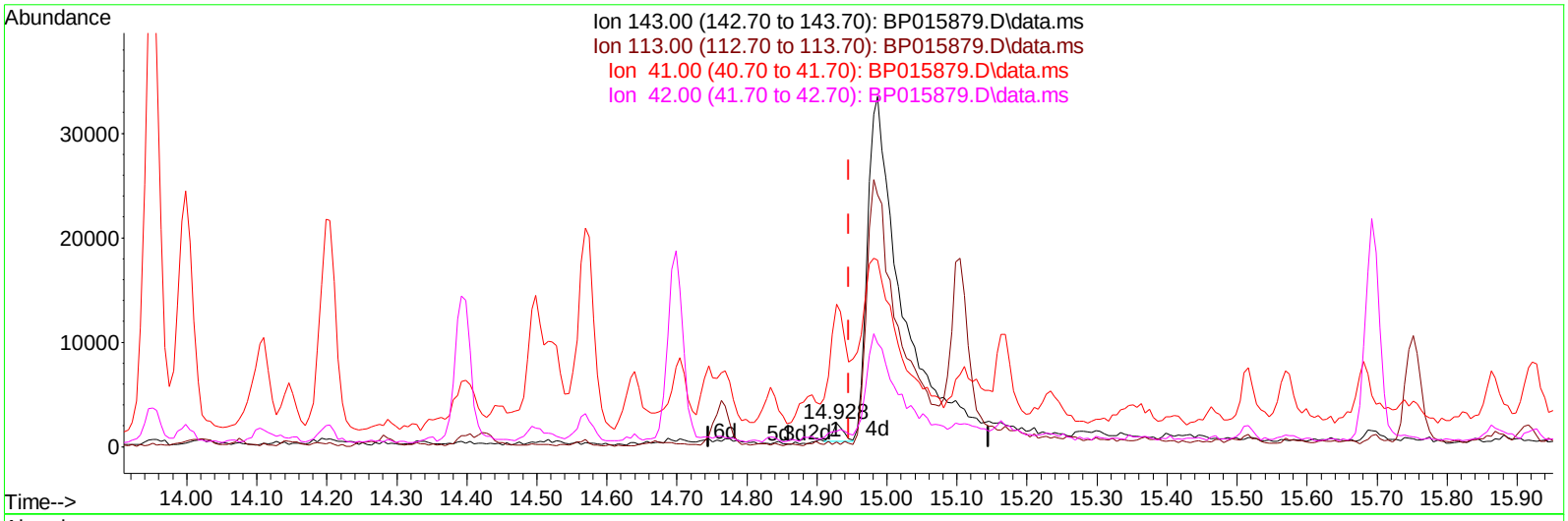
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015879.D
Acq On : 01 Jul 2023 11:28
Operator : MA/JU
Sample : 03242-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

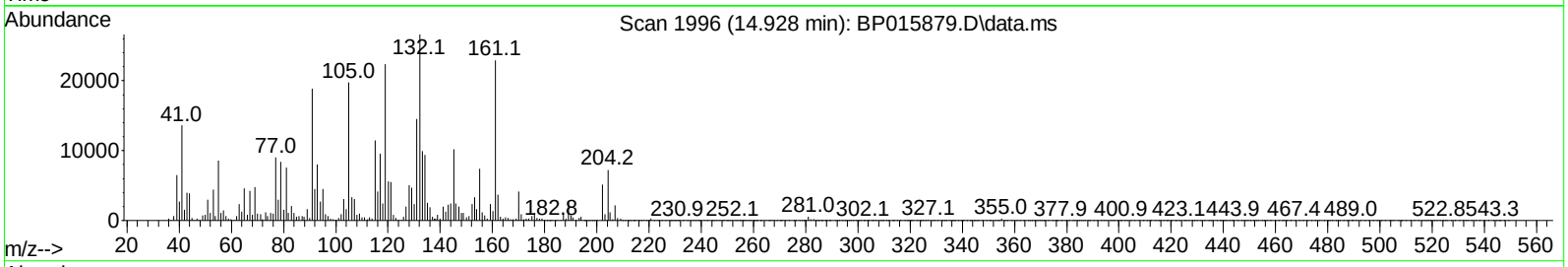
Quant Time: Jul 02 01:34:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

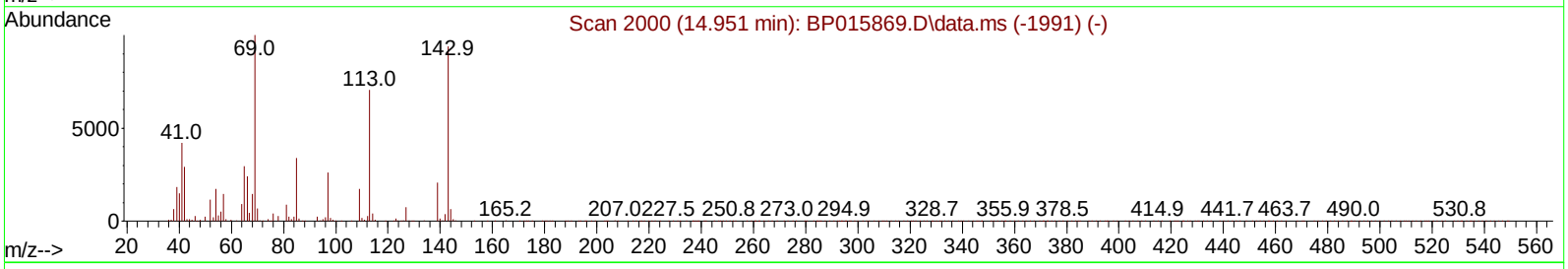
Instrument :
BNA_P
ClientSampleId :
DCGB7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023







TIC: BP015879.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.928min (-0.017) 0.25 ng/ul

response 1903

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	20.34#
41.00	45.70	606.14#
42.00	31.20	66.80#

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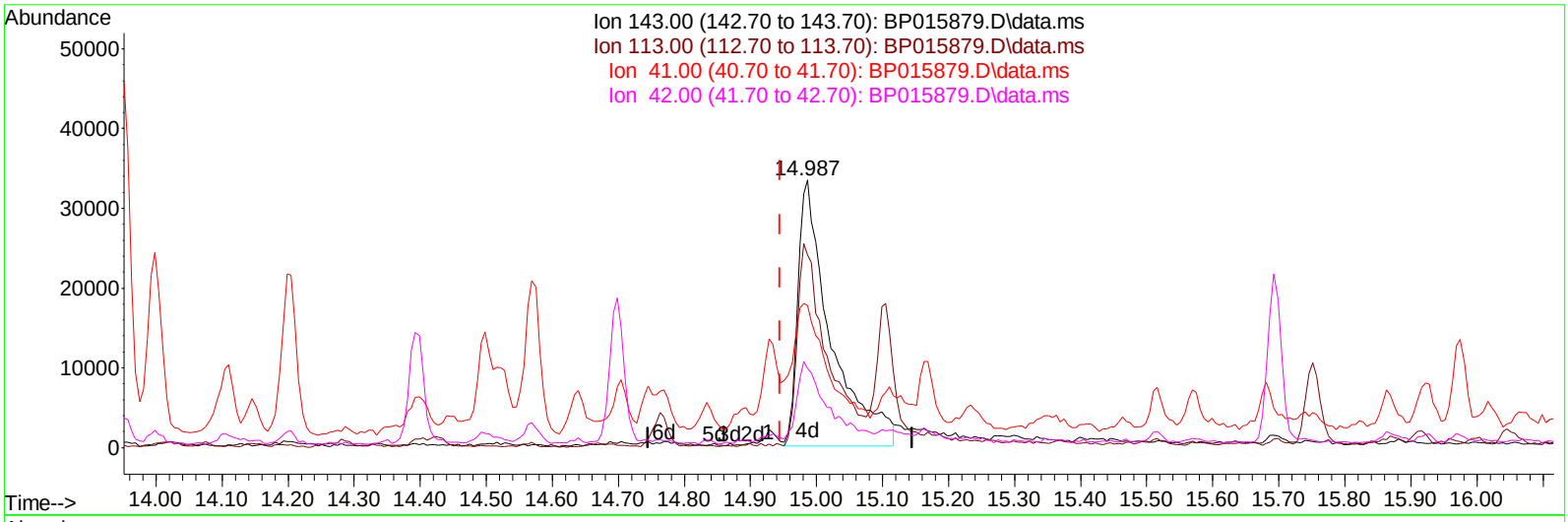

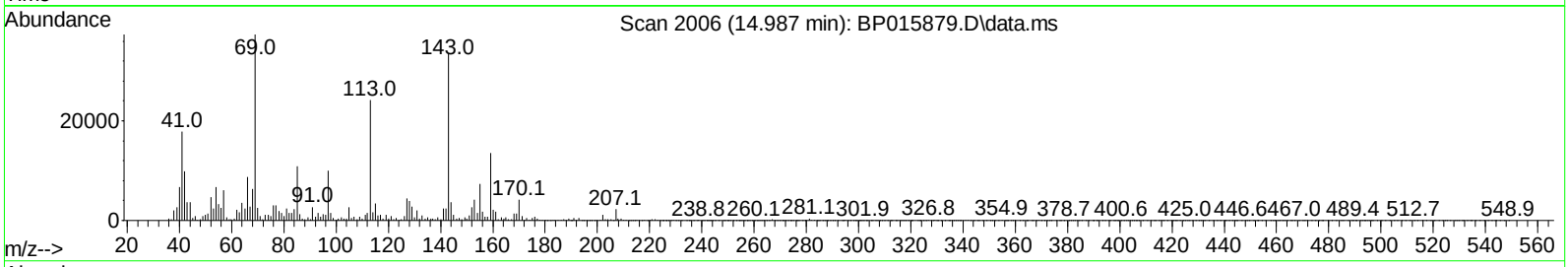

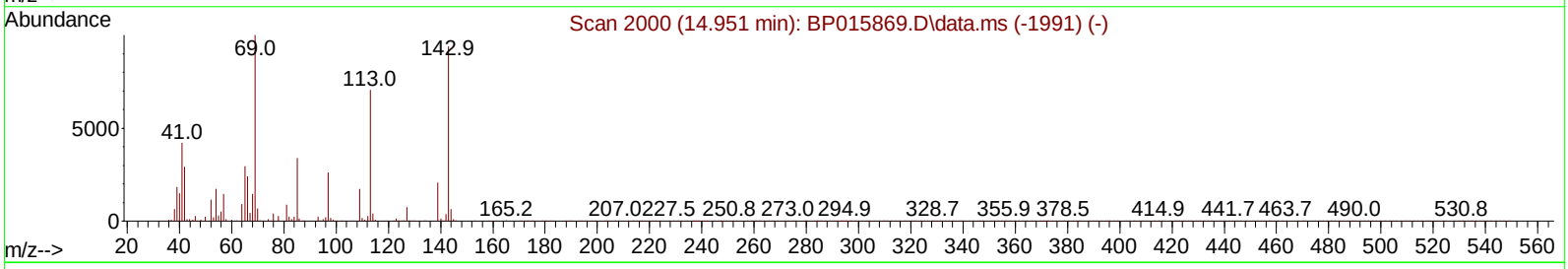

TIC: BP015879.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.987min (+ 0.041) 15.24 ng/ul m

response 114810

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	71.96#
41.00	45.70	53.21
42.00	31.20	29.49

Quantitation Report (QT Reviewed)

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Acq On : 01 Jul 2023 11:28
Operator : MA/JU
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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	322204	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1357168	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	738588	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1227051	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.557	240	774851	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	1134673	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	26635	2.974	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.228	99	571504	20.731	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	385328	22.592	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	460694	22.138	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	459100	21.080	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	231281	22.299	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	252465	20.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	438443	20.325	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	327407	11.815	ng/ul	0.02
46) Dimethylphthalate-d6	14.110	166	1350656	23.660	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1515704	23.619	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.987	143	114810m	15.240	ng/ul	0.04
60) Fluorene-d10	15.693	176	1045445	22.241	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.869	200	68166	9.033	ng/ul	0.01
73) Anthracene-d10	17.563	188	1314212	23.447	ng/ul	-0.01
81) Pyrene-d10	19.792	212	1213488	23.984	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.945	264	1317912	23.025	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.928	128	485445	6.580	ng/ul	99
36) 2-Methylnaphthalene	12.540	142	138936	2.861	ng/ul	98
37) 1-Methylnaphthalene	12.757	142	106270	2.145	ng/ul	99
50) Acenaphthylene	14.428	152	448393	6.341	ng/ul	98
52) Acenaphthene	14.763	153	799182	16.299	ng/ul	98
61) Fluorene	15.751	166	729859	13.219	ng/ul	99
72) Phenanthrene	17.510	178	10280698	154.225	ng/ul	98
74) Anthracene	17.598	178	2834926	42.324	ng/ul	99
80) Fluoranthene	19.475	202	16239177	258.253	ng/ul	99
82) Pyrene	19.828	202	15354462	239.377	ng/ul	98
85) Benzo(a)anthracene	21.539	228	9877245	181.211	ng/ul	96
87) Chrysene	21.604	228	10182413	196.899	ng/ul	95
90) Benzo(b)fluoranthene	23.339	252	17298903	237.272	ng/ul	97
91) Benzo(k)fluoranthene	23.380	252	5644078	76.620	ng/ul	95
93) Benzo(a)pyrene	24.016	252	12316486	193.334	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.851	276	11163816	129.088	ng/ul	99
95) Dibenzo(a,h)anthracene	26.839	278	2805075	39.489	ng/ul#	81
96) Benzo(g,h,i)perylene	27.698	276	11219981	157.702	ng/ul	95

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

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