Quantitation Report (Qedit)

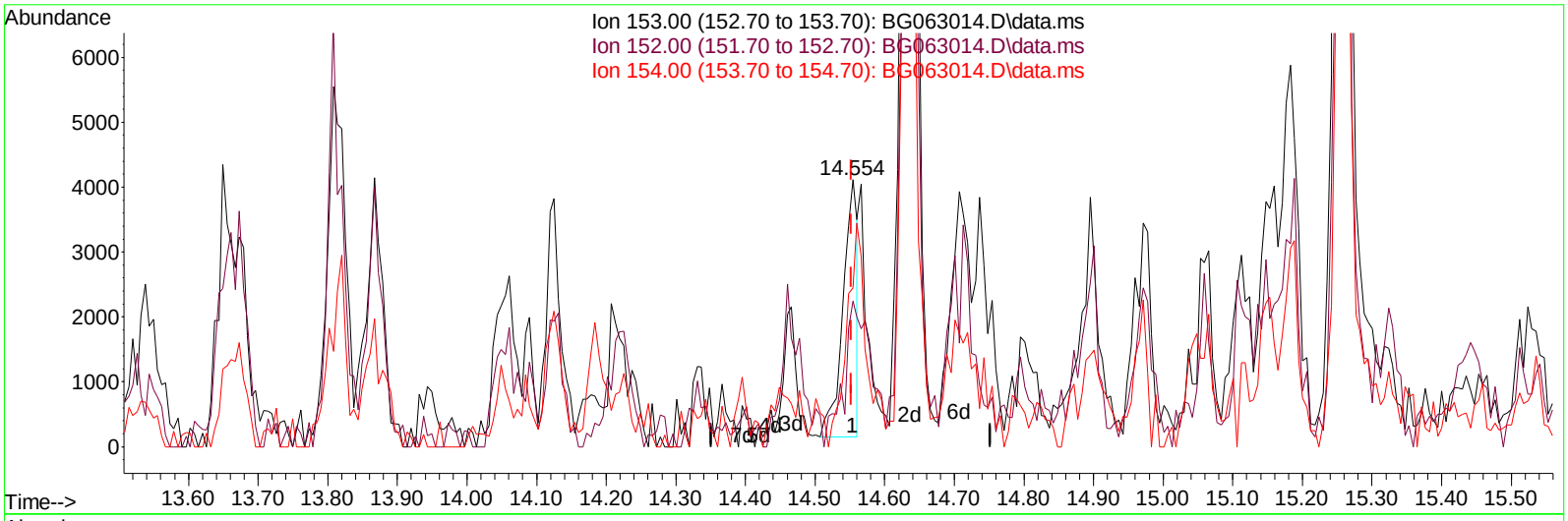
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092324\
Data File : BG063014.D
Acq On : 24 Sep 2024 5:40
Operator : RC/JU
Sample : P3879-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

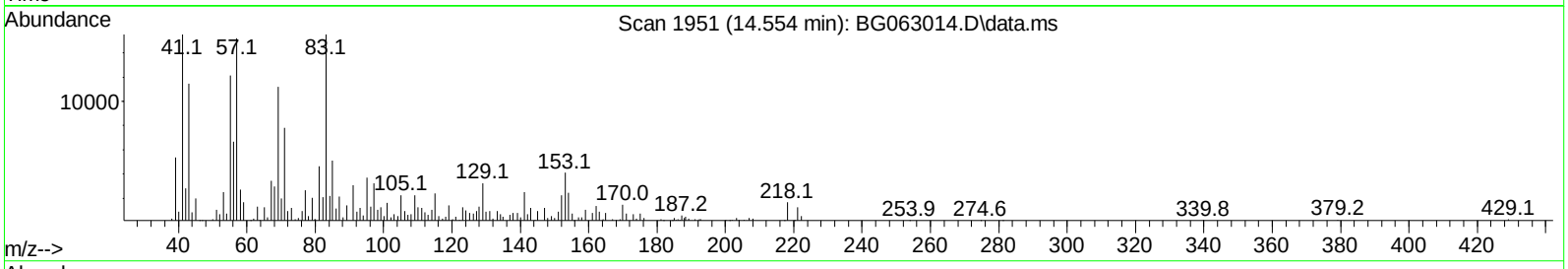
Quant Time: Sep 24 06:56:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

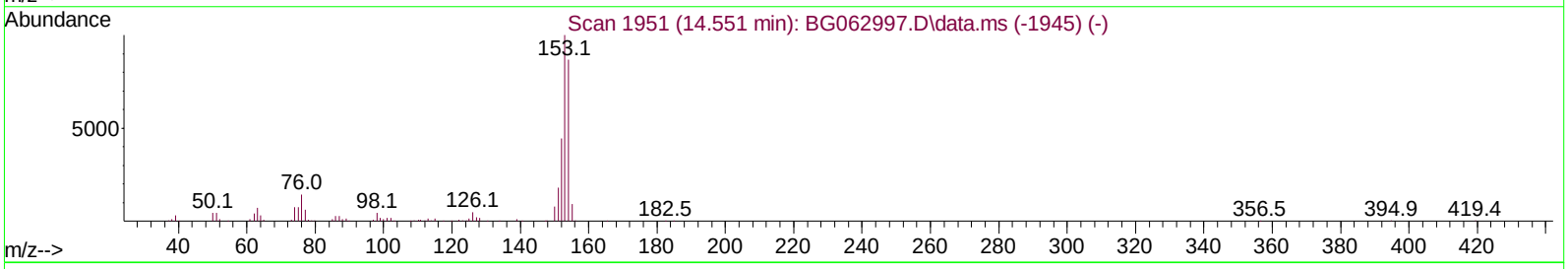
Instrument :
BNA_G
ClientSampleId :
DDC18

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/26/2024







TIC: BG063014.D\data.ms

(52) Acenaphthene (C)

14.554min (+ 0.002) 1.08 ng/ul

response 5742

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	44.80	54.56#
154.00	86.90	59.64#
0.00	0.00	0.00

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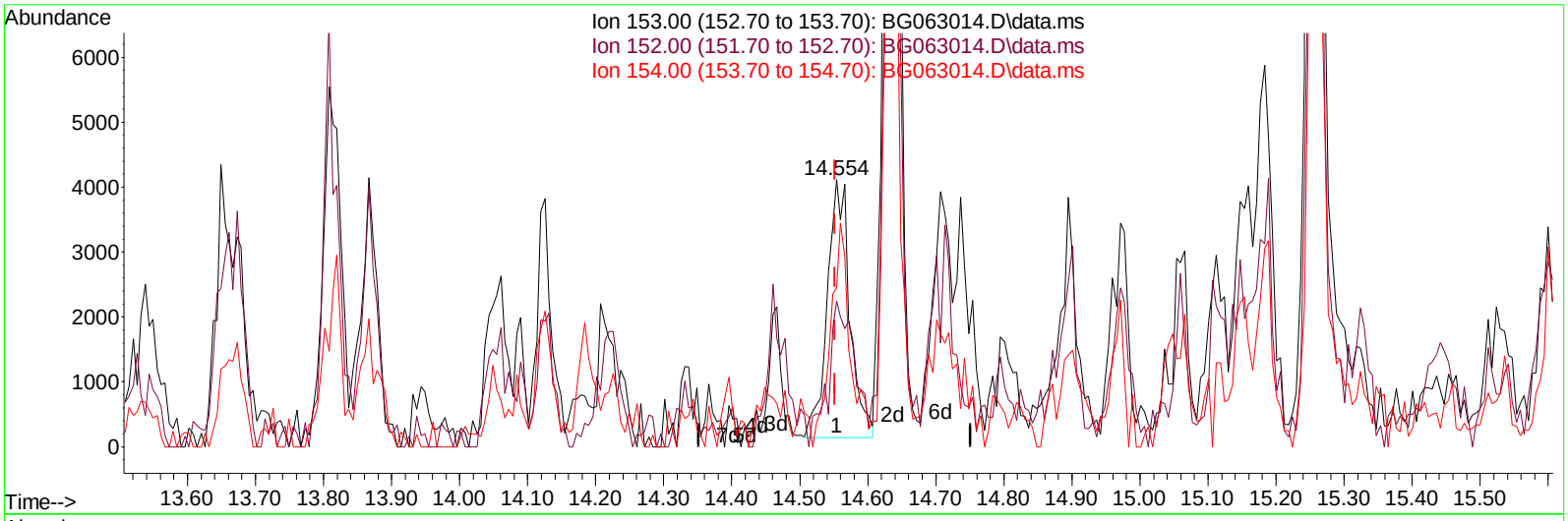

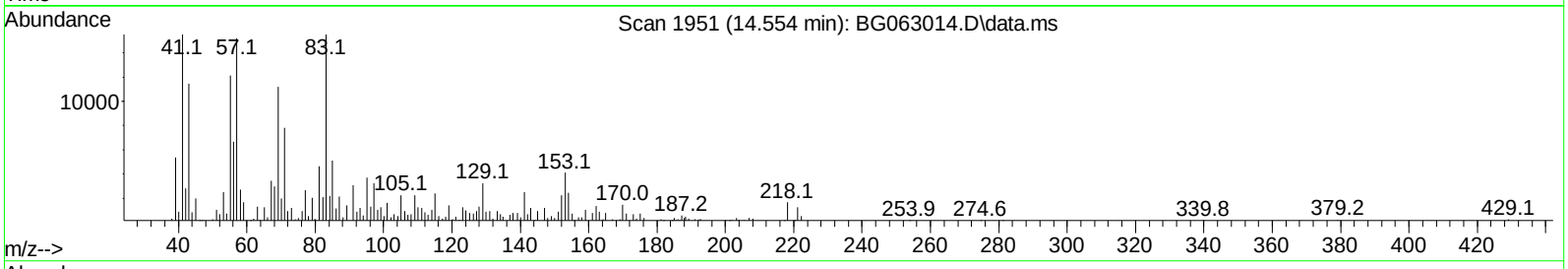

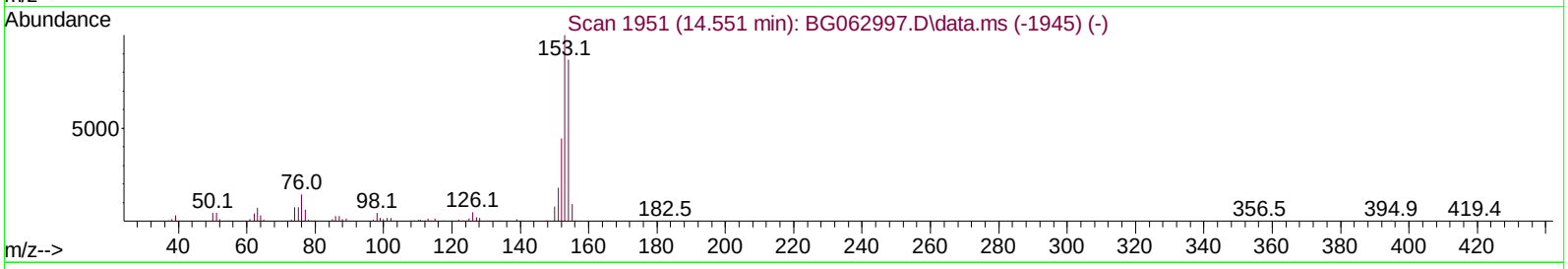

TIC: BG063014.D\data.ms

(52) Acenaphthene (C)

14.554min (+ 0.002) 1.72 ng/ul m

response 9147

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	44.80	54.56#
154.00	86.90	59.64#
0.00	0.00	0.00

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Data File : BG063014.D
Acq On : 24 Sep 2024 5:40
Operator : RC/JU
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Misc :
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Quant Time: Sep 24 07:58:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	23335	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.647	136	102841	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.495	164	83778	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.263	188	183814	20.000	ng/ul	# 0.03
79) Chrysene-d12	21.487	240	204846	20.000	ng/ul	# 0.00
88) Perylene-d12	24.531	264	232510	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	3272	4.107	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.051	99	26093	10.776	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.186	67	45401	33.506	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	53881	33.893	ng/ul	0.01
15) 4-Methylphenol-d8	8.579	113	46825	26.398	ng/ul	0.01
21) Nitrobenzene-d5	9.008	128	30107	36.747	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	37525	40.372	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.283	165	72439	37.563	ng/ul	0.01
31) 4-Chloroaniline-d4	10.764	131	13311	5.546	ng/ul	-0.02
46) Dimethylphthalate-d6	13.902	166	237129	38.062	ng/ul	0.00
49) Acenaphthylene-d8	14.190	160	226752	32.588	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	13730	13.753	ng/ul	0.03
60) Fluorene-d10	15.488	176	213010	36.720	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.612	200	59928	53.933	ng/ul	0.00
73) Anthracene-d10	17.357	188	331470	38.156	ng/ul	0.02
81) Pyrene-d10	19.636	212	437135	35.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.325	264	456072	37.194	ng/ul	0.01
Target Compounds						Qvalue
23) Isophorone	9.572	82	54247	11.199	ng/ul#	92
30) Naphthalene	10.700	128	199321	34.906	ng/ul#	91
36) 2-Methylnaphthalene	12.310	142	154669	37.588	ng/ul	91
37) 1-Methylnaphthalene	12.527	142	89360	21.458	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.938	196	19247	10.403	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.015	196	7787	4.006	ng/ul	94
43) 1,1'-Biphenyl	13.320	154	20331	3.267	ng/ul#	81
52) Acenaphthene	14.554	153	9147m	1.719	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.148	232	1846424	1055.633	ng/ul#	97
61) Fluorene	15.541	166	12135	2.010	ng/ul#	93
71) Pentachlorophenol	16.981	266	10636521	7905.629	ng/ul#	74
72) Phenanthrene	17.298	178	33639	3.445	ng/ul#	96

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

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