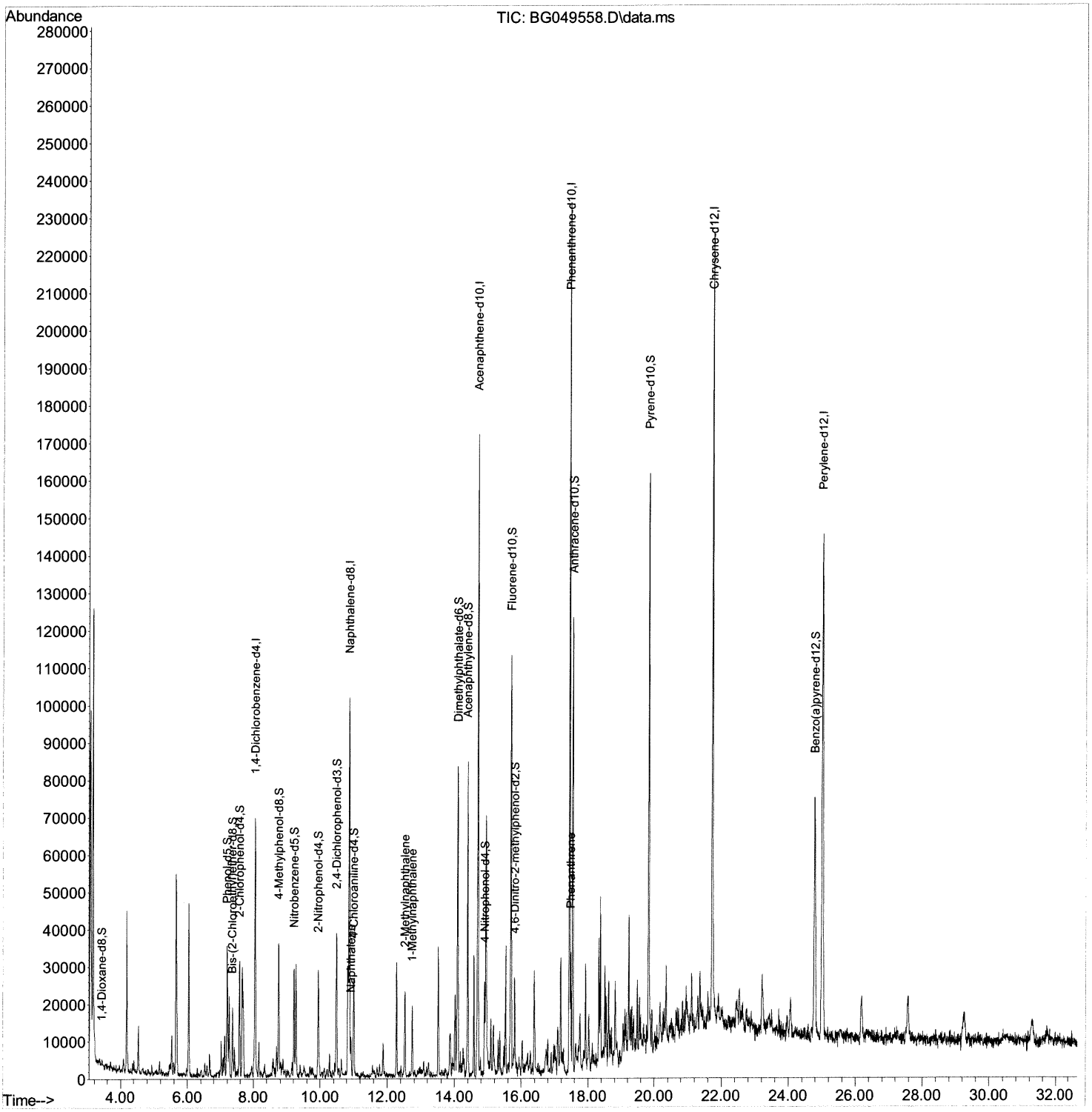
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049558.D
Acq On : 29 Jul 2021 13:51
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 29 15:12:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
7/30/2021 11:59:55 AM



Quantitation Report (Qedit)

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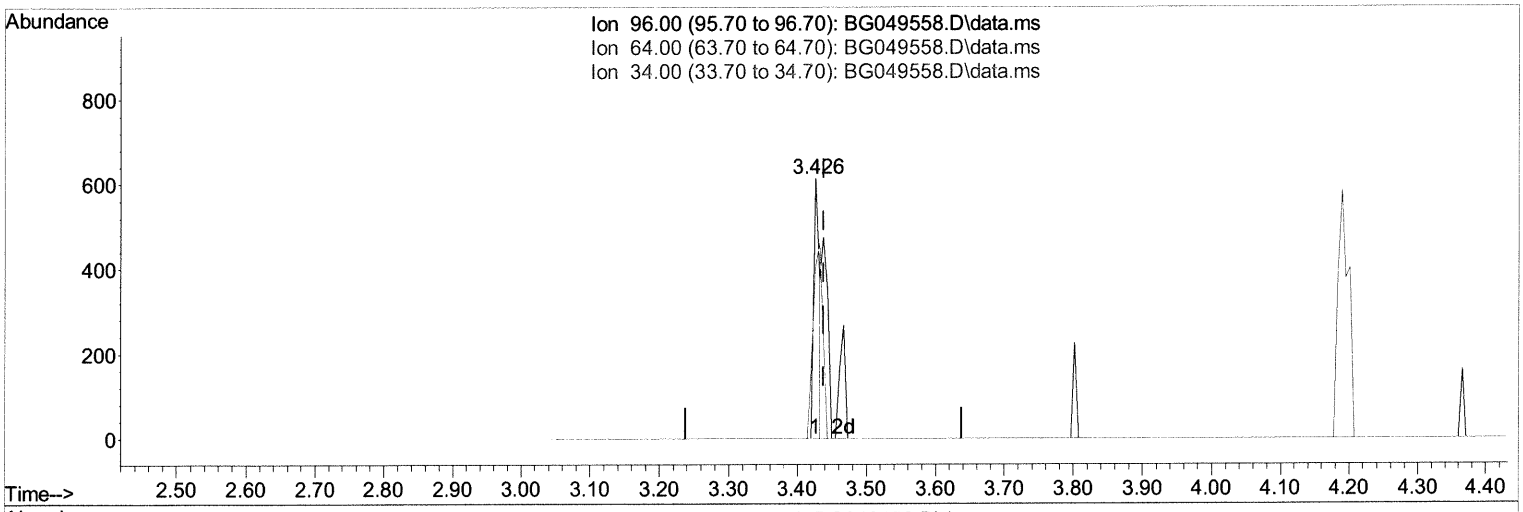

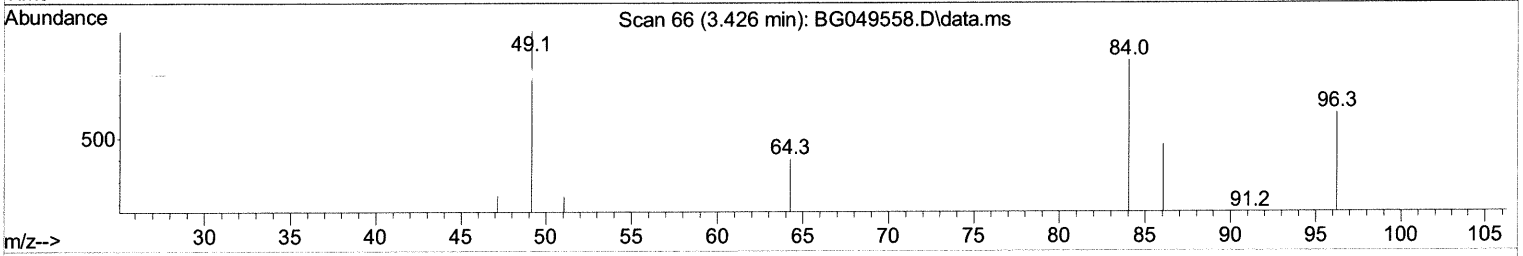

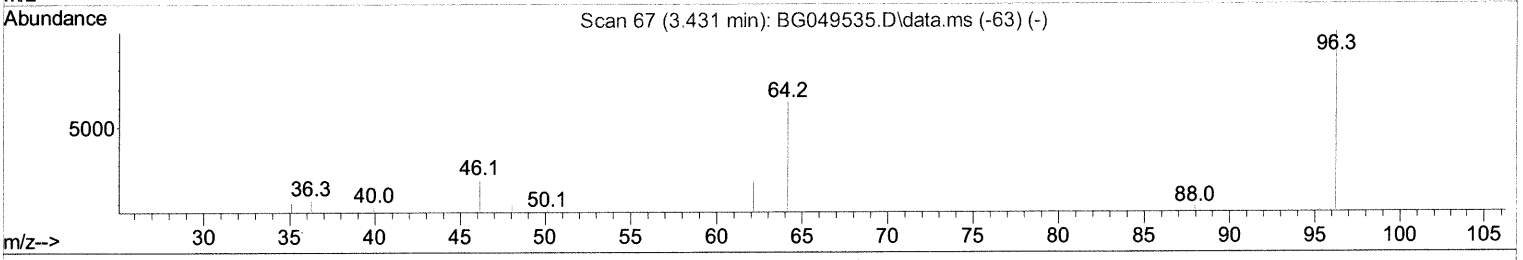

TIC: BG049558.D\data.ms

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

3.426min (-0.012) 0.83 ng/uL

response 349

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	65.96
34.00	0.00	0.00
0.00	0.00	0.00

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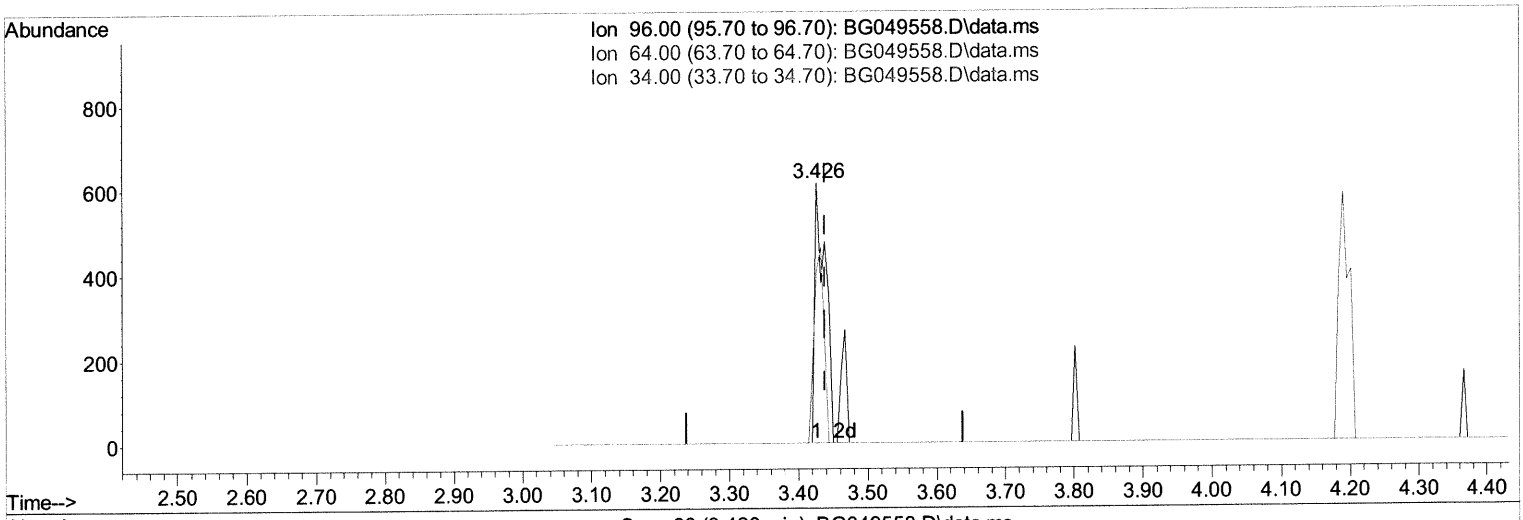

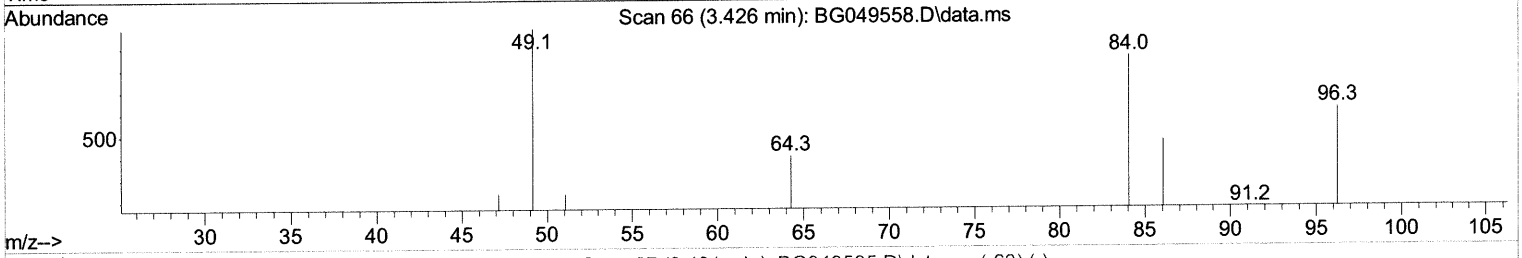

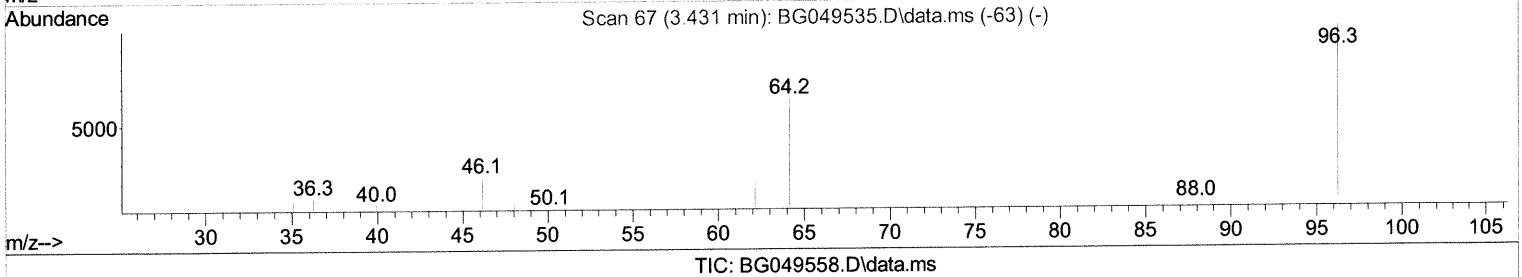

TIC: BG049558.D\data.ms

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

3.426min (-0.012) 1.52 ng/uL m 08/02/21 JU

response 639

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	62.60	65.96
34.00	0.00	0.00
0.00	0.00	0.00

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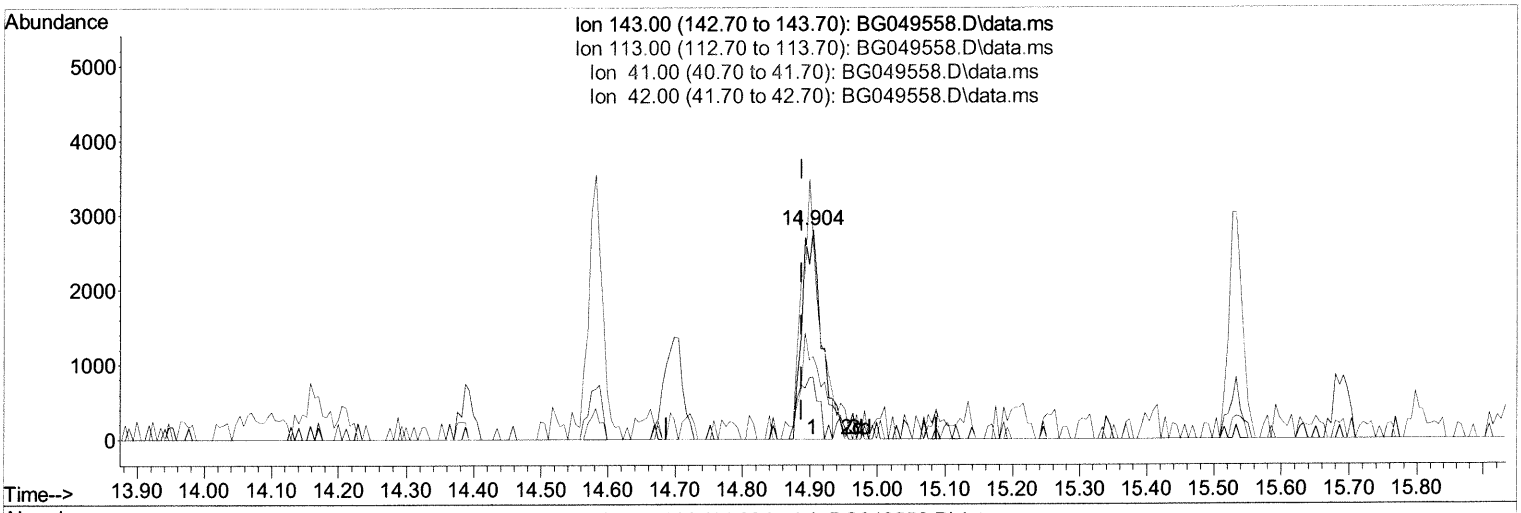

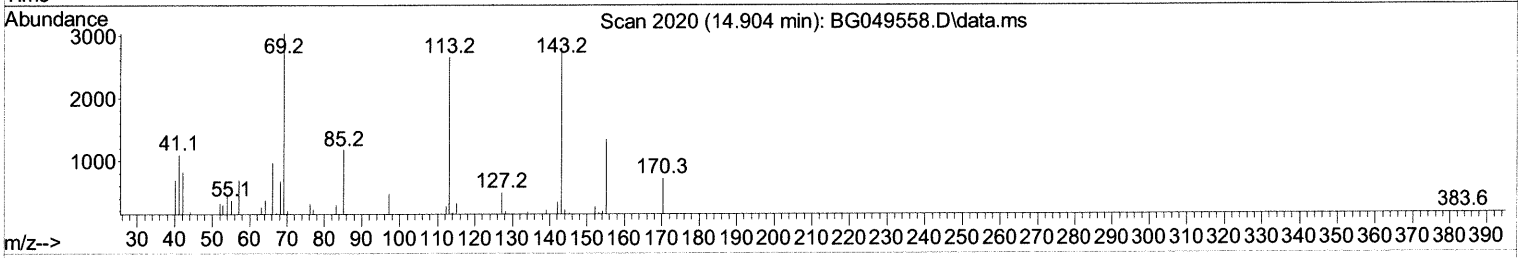

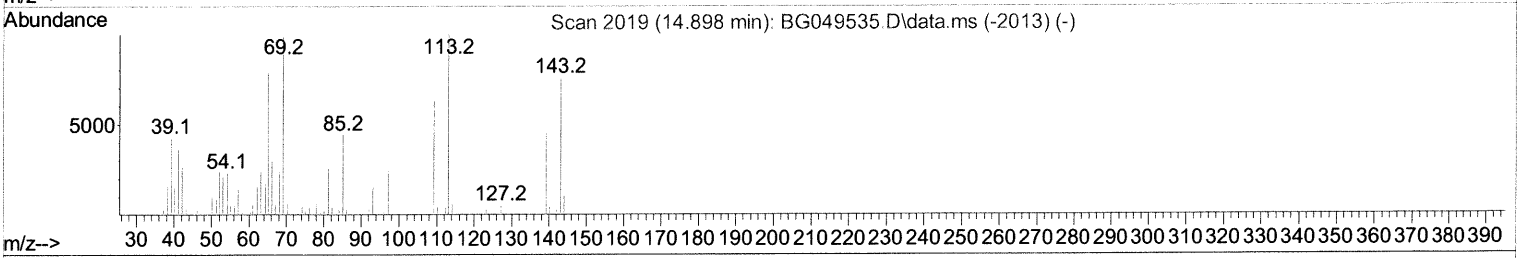

TIC: BG049558.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.904min (+ 0.017) 7.34 ng/ul

response 5523

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	94.64#
41.00	48.90	39.38
42.00	40.70	29.45#

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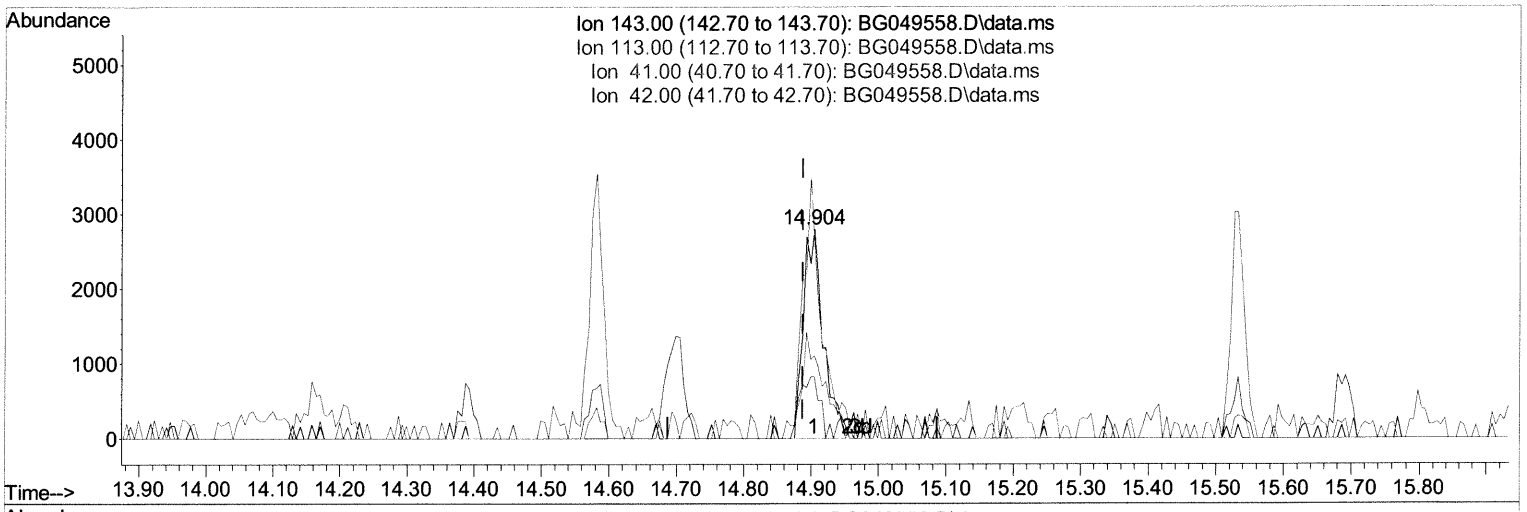

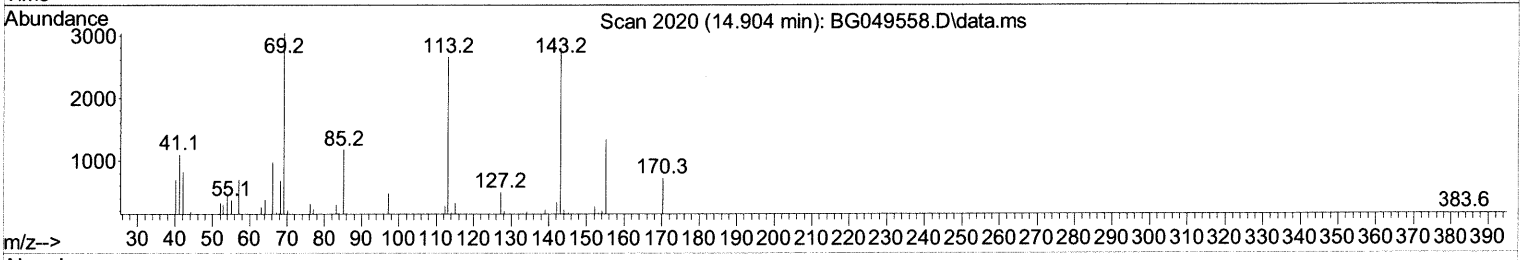

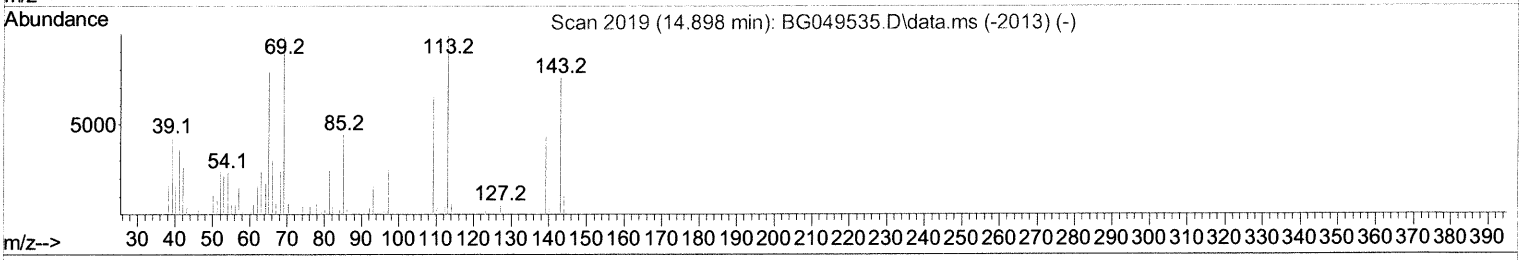

TIC: BG049558.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.904min (+ 0.017) 7.65 ng/ul m 08/02/21 JU

response 5757

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	132.50	94.64#
41.00	48.90	39.38
42.00	40.70	29.45#

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.049	152	19170	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	81645	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.699	164	59644	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	138171	20.000	ng/ul	0.00
79) Chrysene-d12	21.730	240	132555	20.000	ng/ul	0.00
88) Perylene-d12	25.008	264	139399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	639m	> 1.525	ng/uL	> -0.01 08/02/21 JU
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.203	99	16299	9.610	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	9555	9.947	ng/ul	0.00
11) 2-Chlorophenol-d4	7.579	132	12766	10.500	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	12639	9.886	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	6733	10.726	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	8091	11.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	13435	10.043	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	11274	6.047	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	48406	10.595	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	58972	11.113	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	5757m	> 7.652	ng/ul	> 0.02 08/02/21 JU
60) Fluorene-d10	15.692	176	48295	12.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	5444	6.358	ng/ul	0.00
73) Anthracene-d10	17.548	188	68553	10.675	ng/ul	0.00
81) Pyrene-d10	19.833	212	82593	12.186	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.773	264	71349	9.738	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.922	128	9221	2.193	ng/ul#	91
36) 2-Methylnaphthalene	12.525	142	11943	3.880	ng/ul	90
37) 1-Methylnaphthalene	12.743	142	7821	2.515	ng/ul#	95
72) Phenanthrene	17.489	178	18861	2.622	ng/ul	95

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