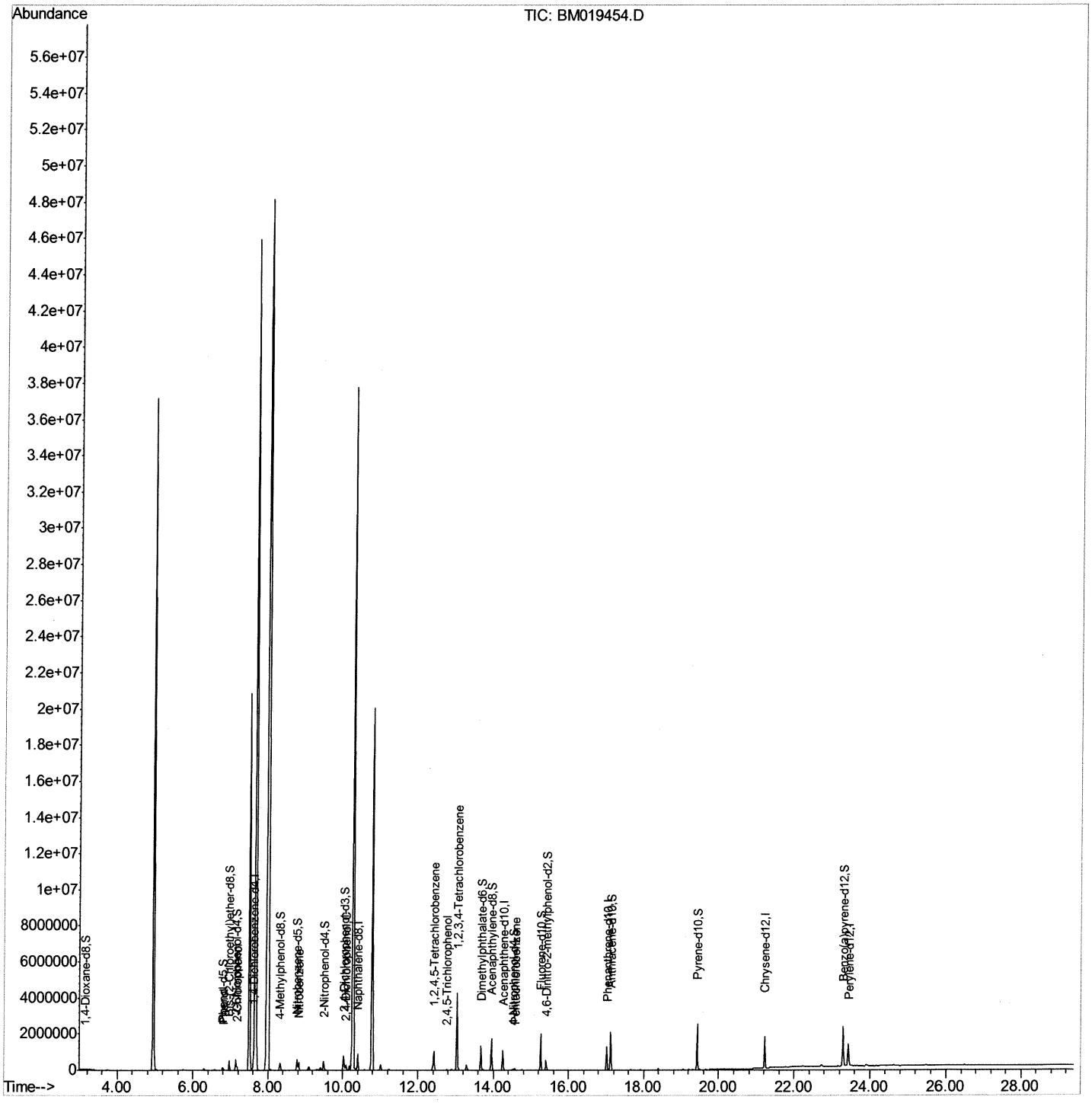
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032519\
Data File : BM019454.D
Acq On : 26 Mar 2019 04:51
Operator : JU/SJ
Sample : K2027-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Mar 26 07:43:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 03:11:42 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C09B1

Manual Integrations APPROVED
Sohil
3/26/2019 6:32:05 PM



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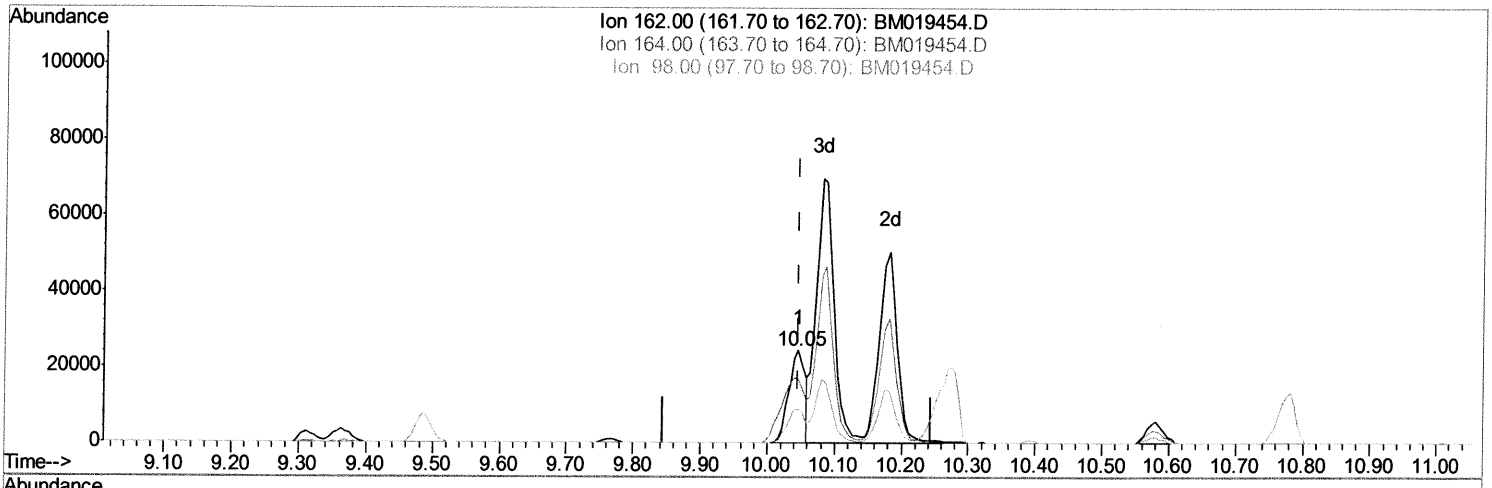

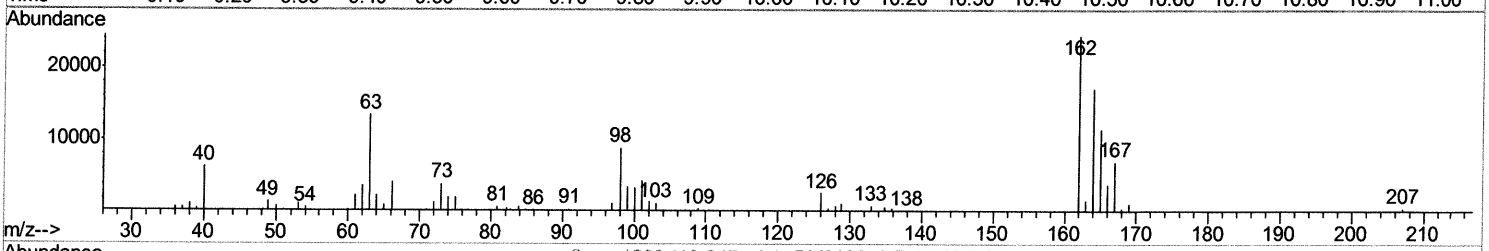

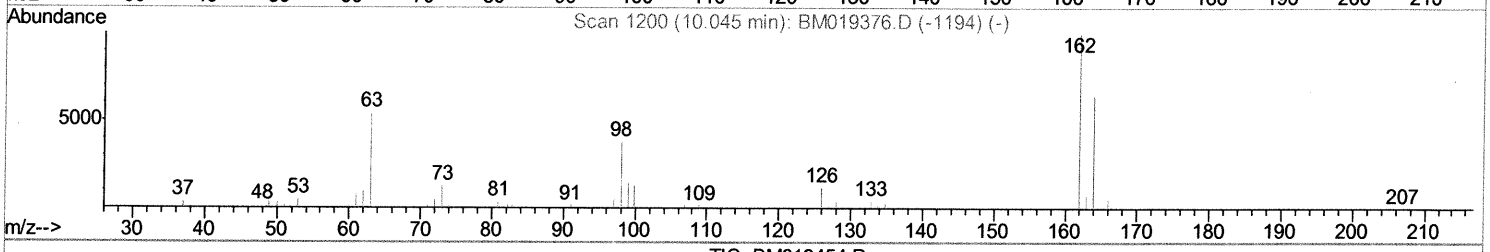

TIC: BM019454.D

(27) 2,4-Dichlorophenol (C)

10.045min (-0.000) 4.15ng/ul

response 40762

Ion	Exp%	Act%
162.00	100	100
164.00	65.00	70.15
98.00	33.20	36.71
0.00	0.00	0.00

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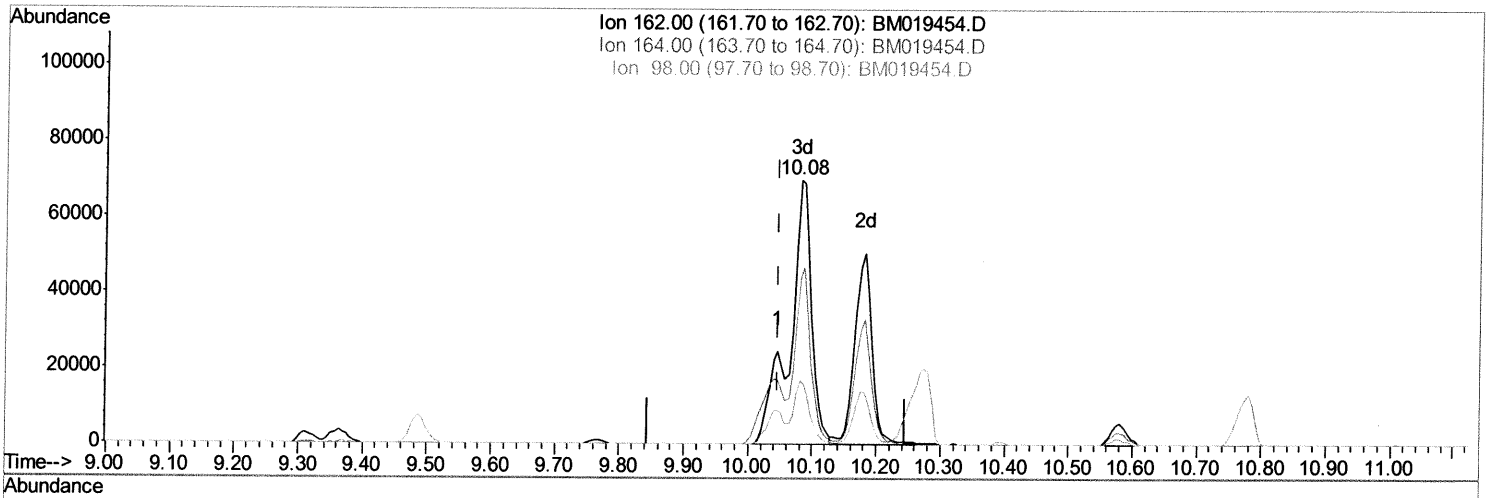

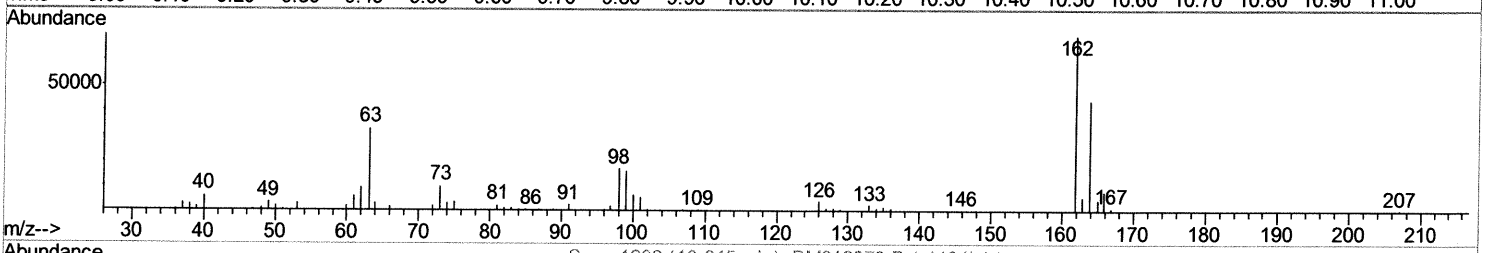

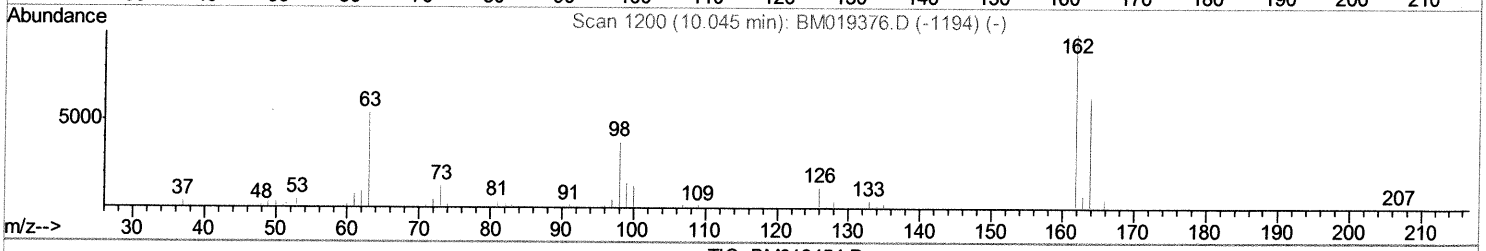

TIC: BM019454.D

(27) 2,4-Dichlorophenol (C)

10.080min (+0.035) 17.22ng/ul m SJ 4/2/19

response 169265

Ion	Exp%	Act%
162.00	100	100
164.00	65.00	63.23
98.00	33.20	24.27#
0.00	0.00	0.00

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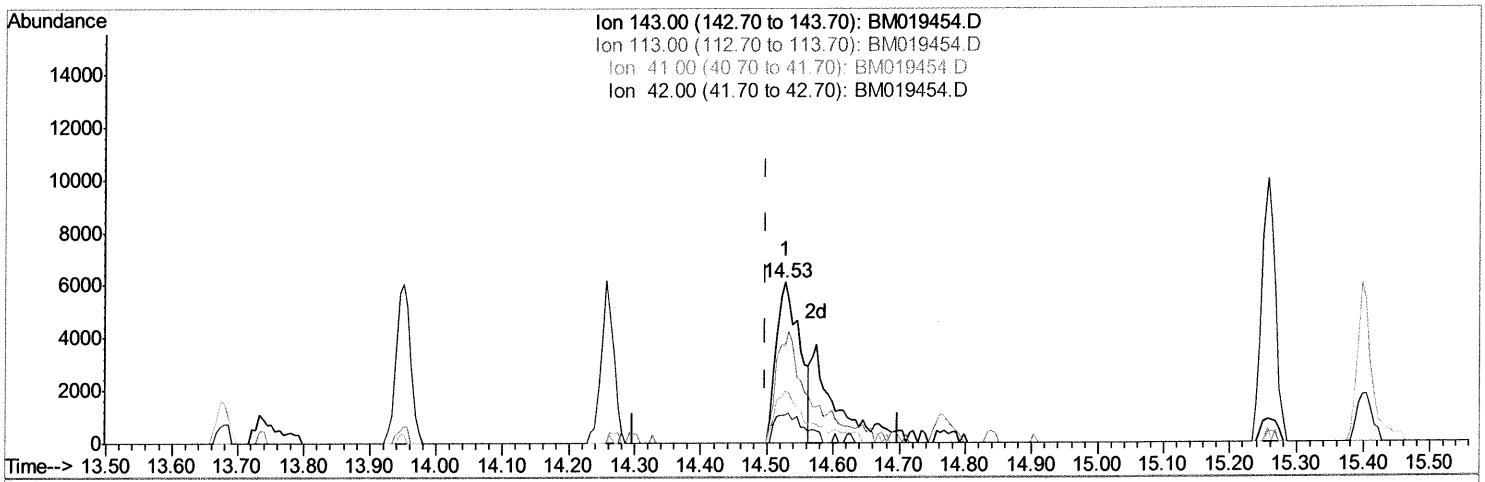

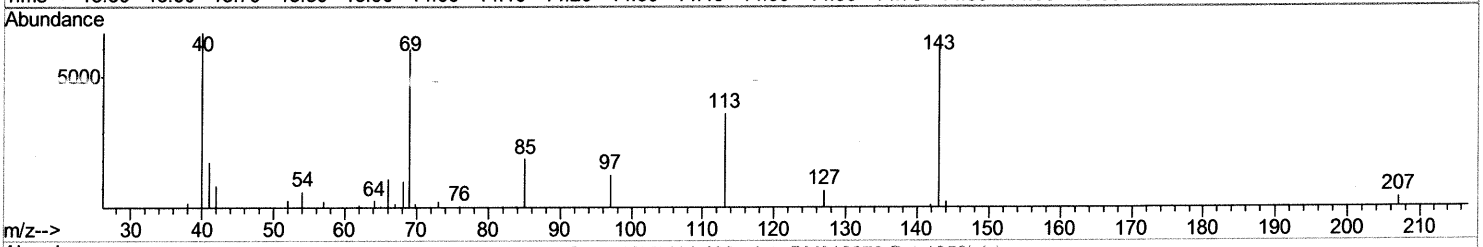

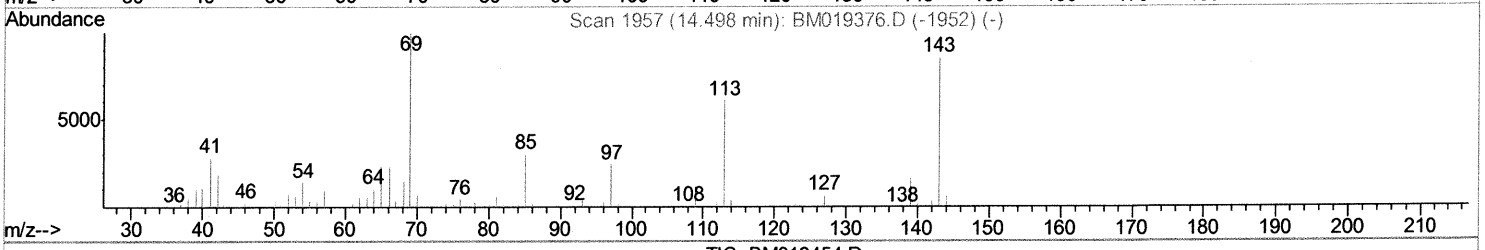

TIC: BM019454.D

(52) 4-Nitrophenol-d4 (S)

14.527min (+0.029) 3.34ng/ul

response 15245

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	60.54#
41.00	32.60	32.08
42.00	22.30	17.53#

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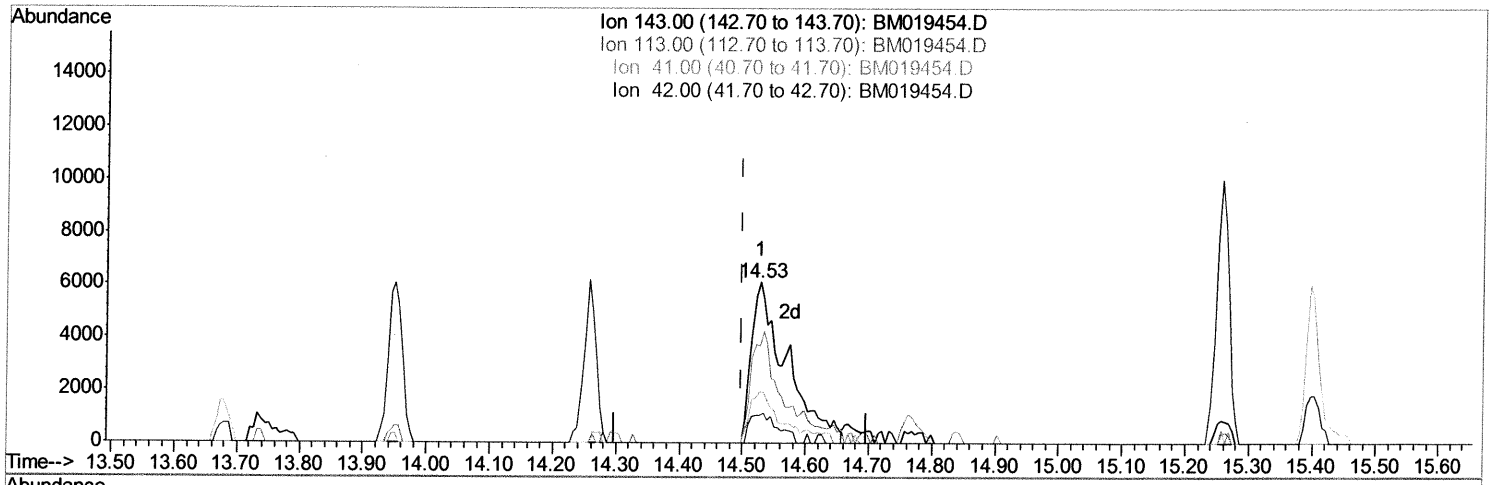

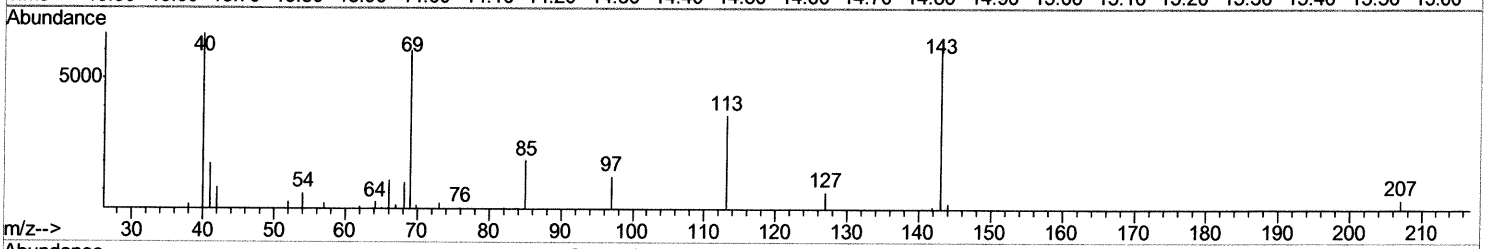

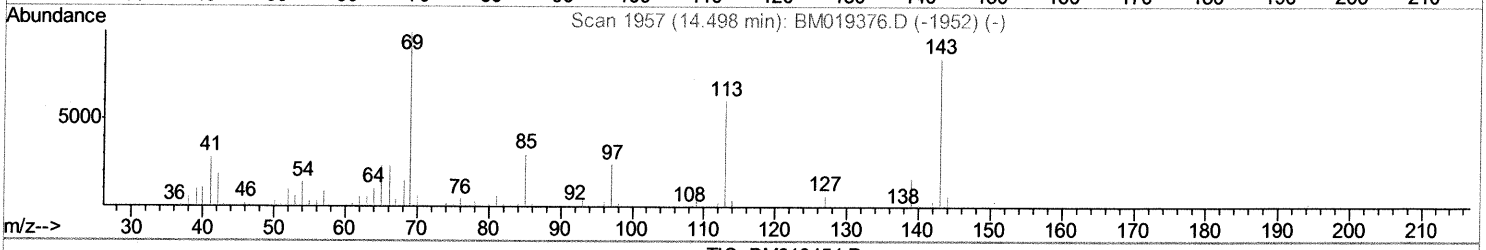

TIC: BM019454.D

(52) 4-Nitrophenol-d4 (S)

14.527min (+0.029) 5.17ng/ul m SJ 4/2/19

response 23599

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	60.54#
41.00	32.60	32.08
42.00	22.30	17.53#

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Manual Integrations APPROVED
Sohil
3/26/2019 6:32:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	175497	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	664080	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	361056	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	761482	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	788723	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	874126	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	15670	3.50	ng/uL	0.00
5) Phenol-d5	6.79	99	98813	6.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	258676	24.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	278773	23.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	175653	14.97	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	156883	33.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	179442	34.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	304268	30.59	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.68	166	925219	31.76	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1178096	32.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	23599m	5.17	ng/ul	0.03
58) Fluorene-d10	15.26	176	800567	31.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	139657	27.73	ng/ul	0.00
71) Anthracene-d10	17.12	188	1192978	32.65	ng/ul	0.00
79) Pyrene-d10	19.42	212	1268043	34.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1443409	31.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.82	94	26900	1.649	ng/ul	98
10) 2-Chlorophenol	7.17	128	89435	7.428	ng/ul	98
20) Nitrobenzene	8.82	77	297671	21.109	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	169265m	17.218	ng/ul	
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	337752	29.398	ng/ul#	95
40) 2,4,5-Trichlorophenol	12.77	196	14456	1.880	ng/ul	94
73) 1,2,3,4-Tetrachlorobenzene	13.04	216	1280822	116.016	ng/uL	98
74) Pentachlorobenzene	14.57	250	17047	1.476	ng/uL	95

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

SJ
4/2/19