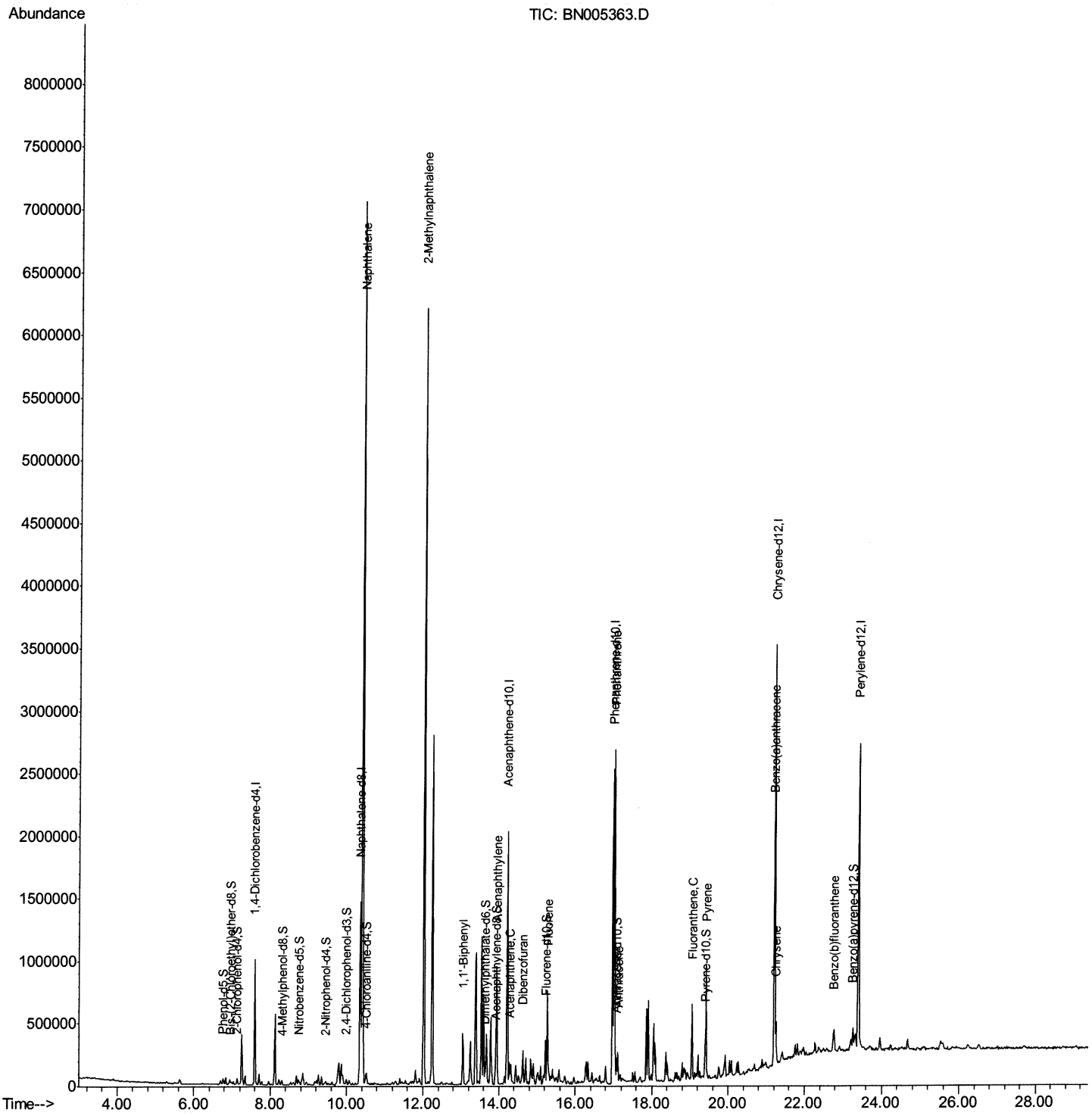
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005363.D
Acq On : 29 Apr 2019 22:01
Operator : JU/SJ
Sample : K2455-02MEDL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 30 02:57:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHQ4MEDL

Manual Integrations APPROVED
Sohil
4/30/2019 6:27:23 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
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Acq On : 29 Apr 2019 22:01
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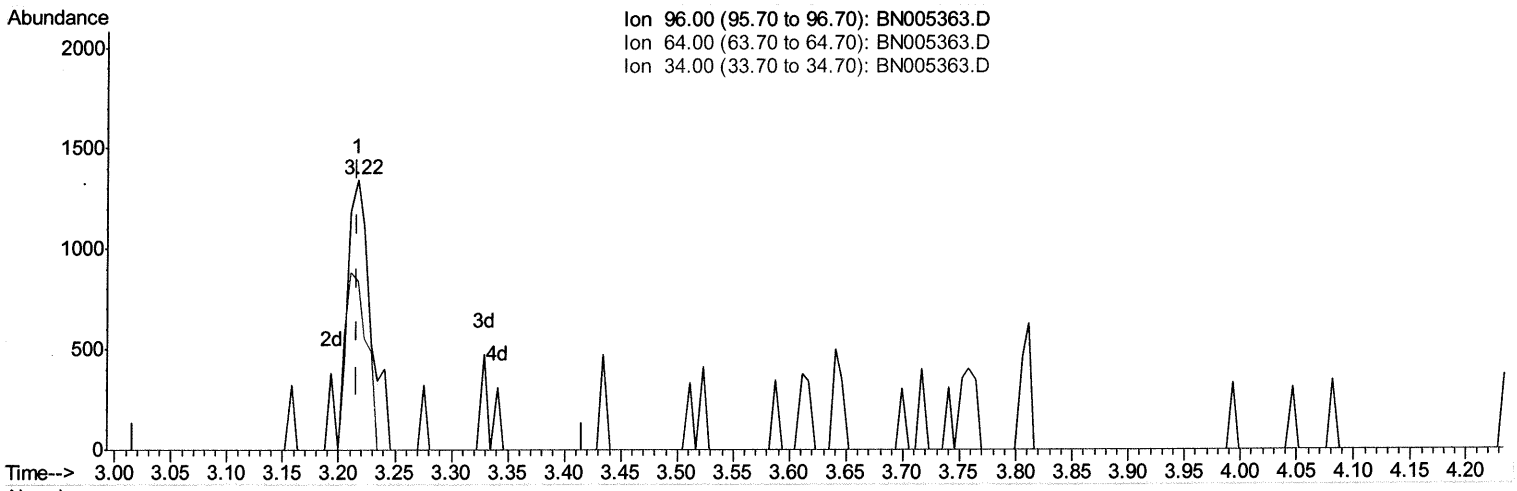

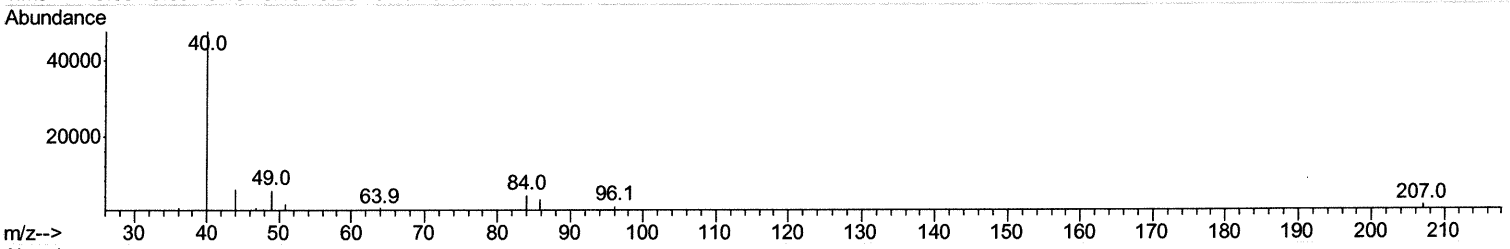

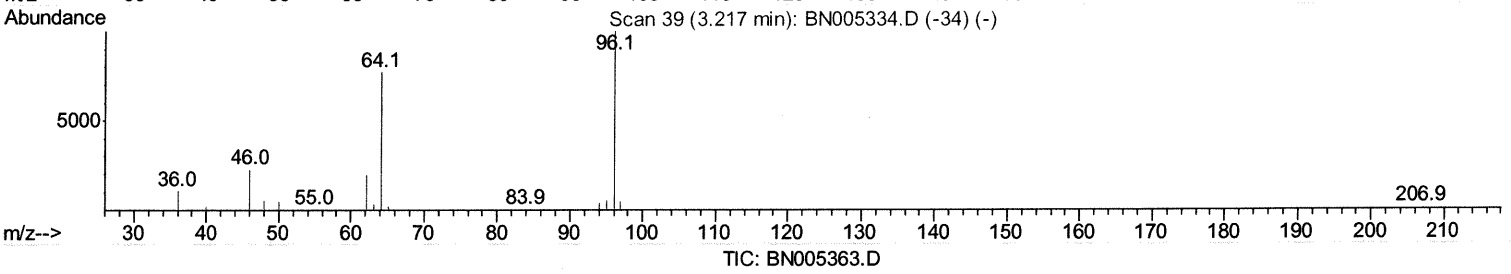

TIC: BN005363.D

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

3.217min (+0.000) 0.31ng/uL

response 1745

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	62.65
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
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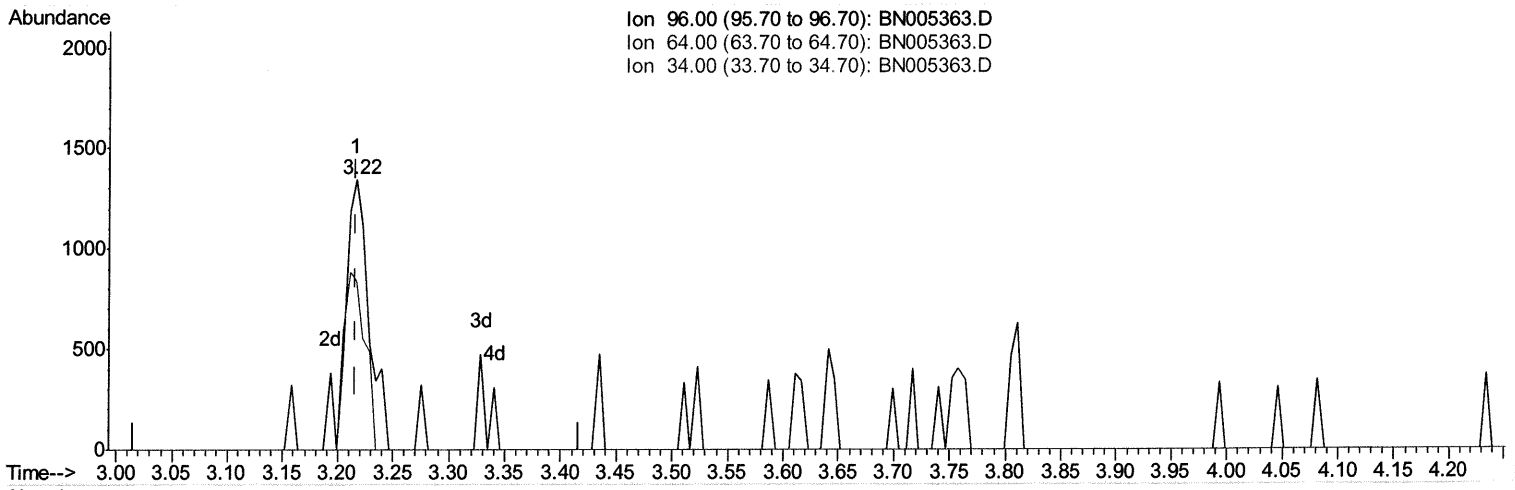
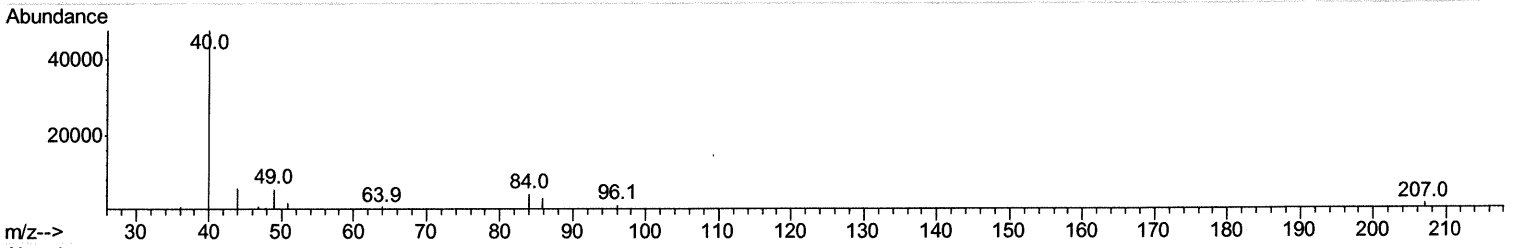
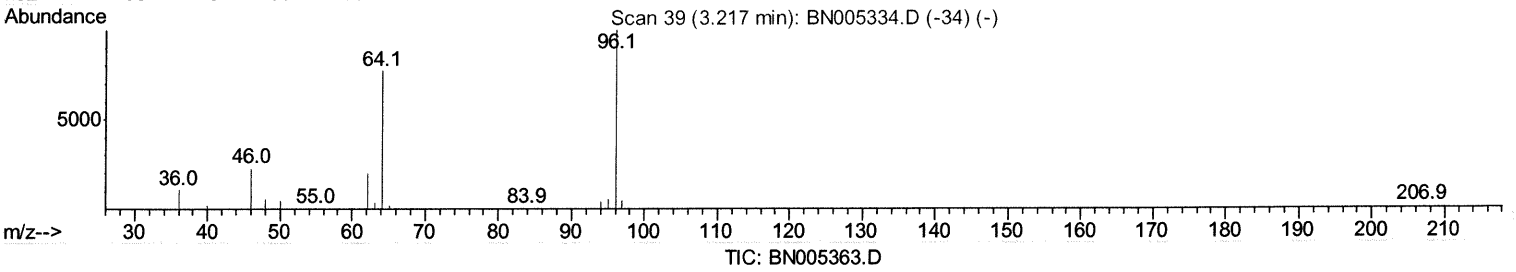
4/30/2019 6:27:23 PM







TIC: BN005363.D

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

3.217min (+0.000) 0.33ng/uL m

response 1888

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	62.65
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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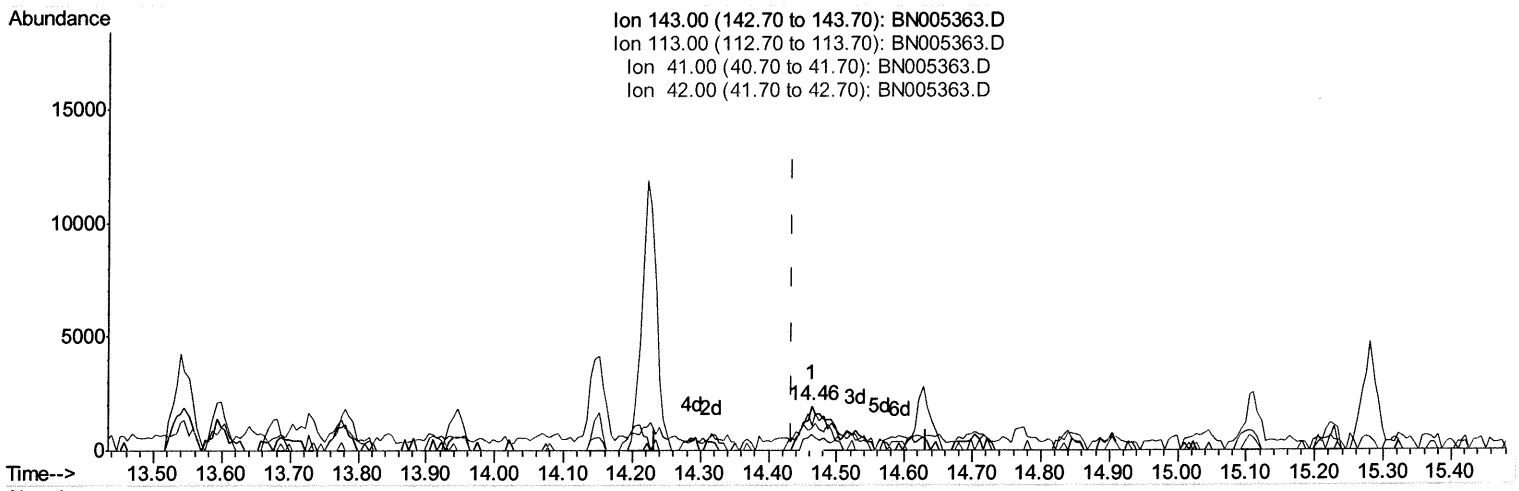
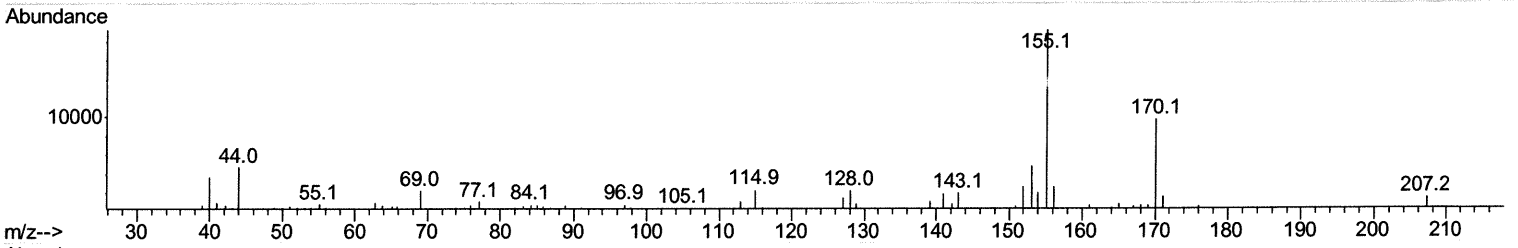
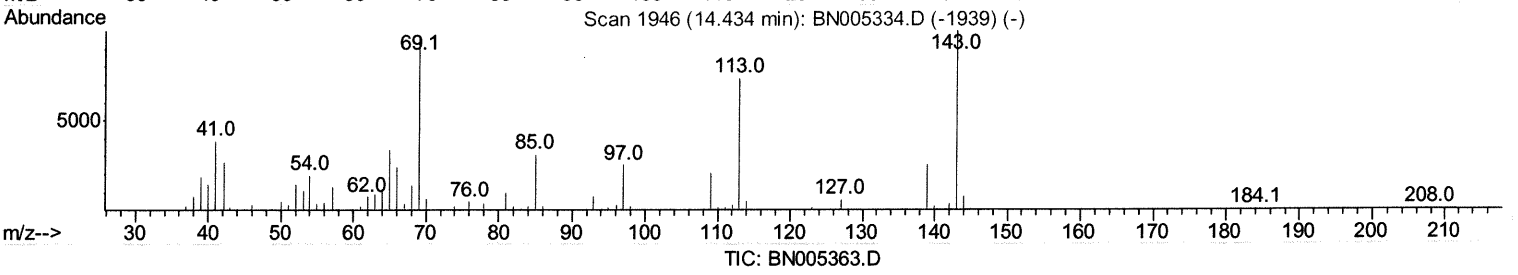
Manual Integrations APPROVED
Sohil
4/30/2019 6:27:23 PM







(51) 4-Nitrophenol-d4 (S)

14.463min (+0.030) 0.47ng/ul

response 3621

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	55.94#
41.00	47.90	50.44
42.00	31.70	36.59

Quantitation Report (Qedit)

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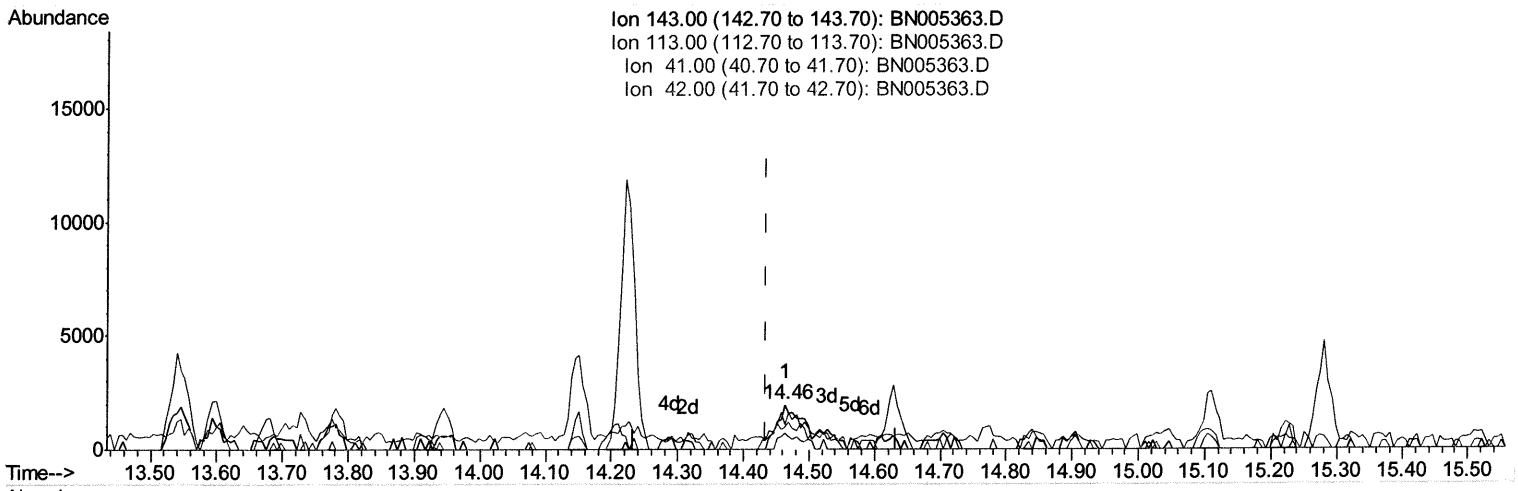
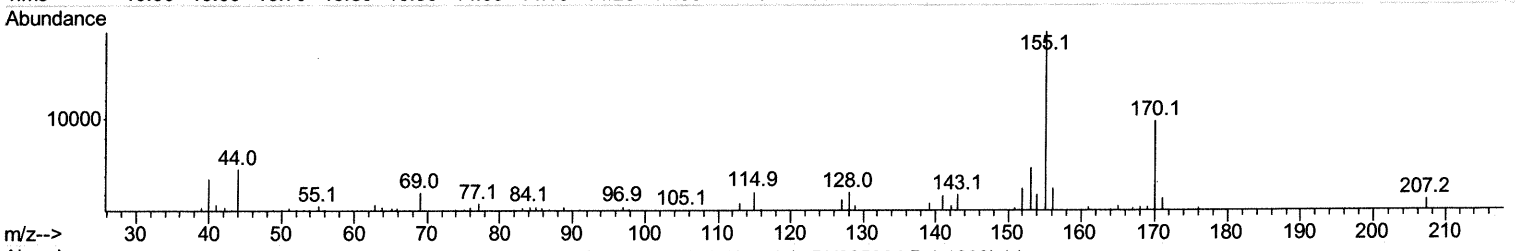
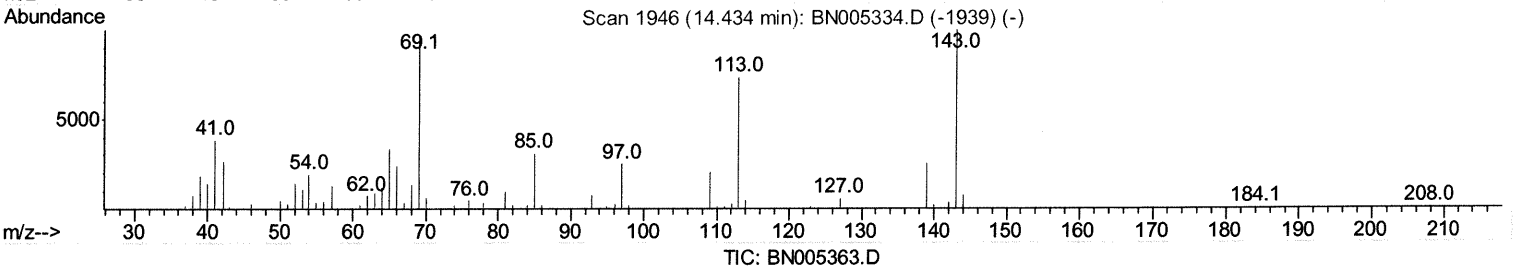
Manual Integrations APPROVED
Sohil
4/30/2019 6:27:23 PM







(51) 4-Nitrophenol-d4 (S)

14.463min (+0.030) 0.89ng/ul m 04/30/19 SJ

response 6837

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	55.94#
41.00	47.90	50.44
42.00	31.70	36.59

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Manual Integrations APPROVED
Sohil
4/30/2019 6:27:23 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	272264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1133806	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	671783	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1520162	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1504177	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1722507	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1888m	0.33	ng/uL	0.00 SJ 04/30/19
5) Phenol-d5	6.78	99	25122	1.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	18070	1.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	23712	1.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	17632	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	12057	1.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	11117	1.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	19768	1.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	28915	1.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	76378	1.57	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	94734	1.58	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	6837m	0.89	ng/ul	0.03 SJ 04/30/19
57) Fluorene-d10	15.22	176	70587	1.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	3622	0.53	ng/ul	0.00
70) Anthracene-d10	17.07	188	103432	1.62	ng/ul	-0.01
78) Pyrene-d10	19.39	212	120530	1.57	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	121351	1.61	ng/ul	-0.04
Target Compounds						Qvalue
28) Naphthalene	10.40	128	5506602	104.472	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	3076433	79.713	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	204711	4.090	ng/ul	97
47) Acenaphthylene	13.94	152	549261	9.331	ng/ul	97
49) Acenaphthene	14.29	153	59243	1.474	ng/ul	93
53) Dibenzofuran	14.63	168	73860	1.277	ng/ul	100
58) Fluorene	15.28	166	337335	7.472	ng/ul	98
69) Phenanthrene	17.02	178	1685884	22.772	ng/ul	100
71) Anthracene	17.11	178	154685	2.051	ng/ul	98
76) Fluoranthene	19.05	202	352819	4.296	ng/ul	98
79) Pyrene	19.42	202	573222	5.919	ng/ul	98
82) Benzo(a)anthracene	21.19	228	182612	1.951	ng/ul	94
84) Chrysene	21.24	228	175869	2.025	ng/ul	99
87) Benzo(b)fluoranthene	22.75	252	107146	1.107	ng/ul#	97

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