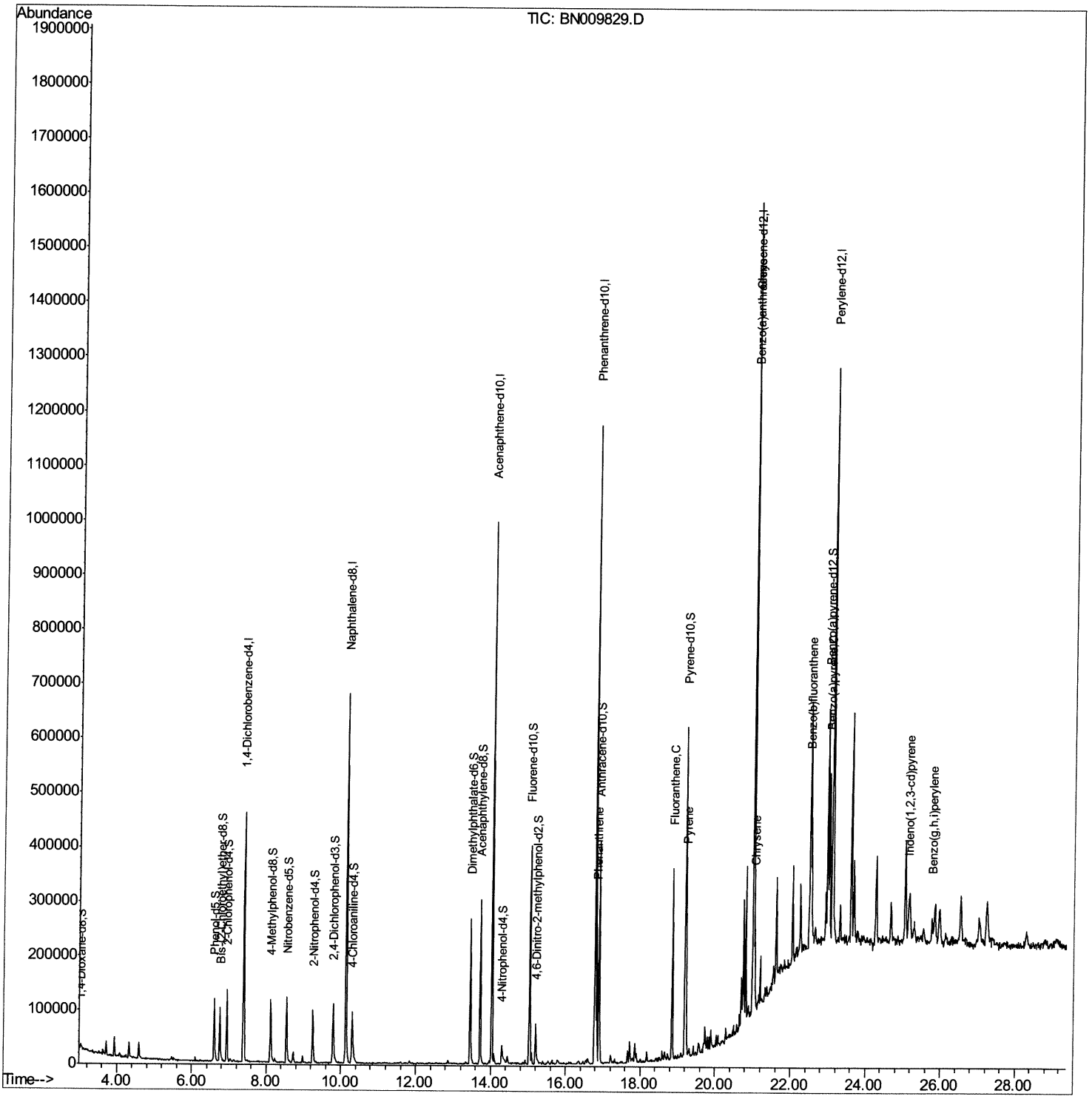
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009829.D
Acq On : 22 Feb 2020 04:39
Operator : CG/JU
Sample : L1535-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 22 05:50:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6R0

Manual Integrations APPROVED
mohammad
2/24/2020 4:48:35 PM



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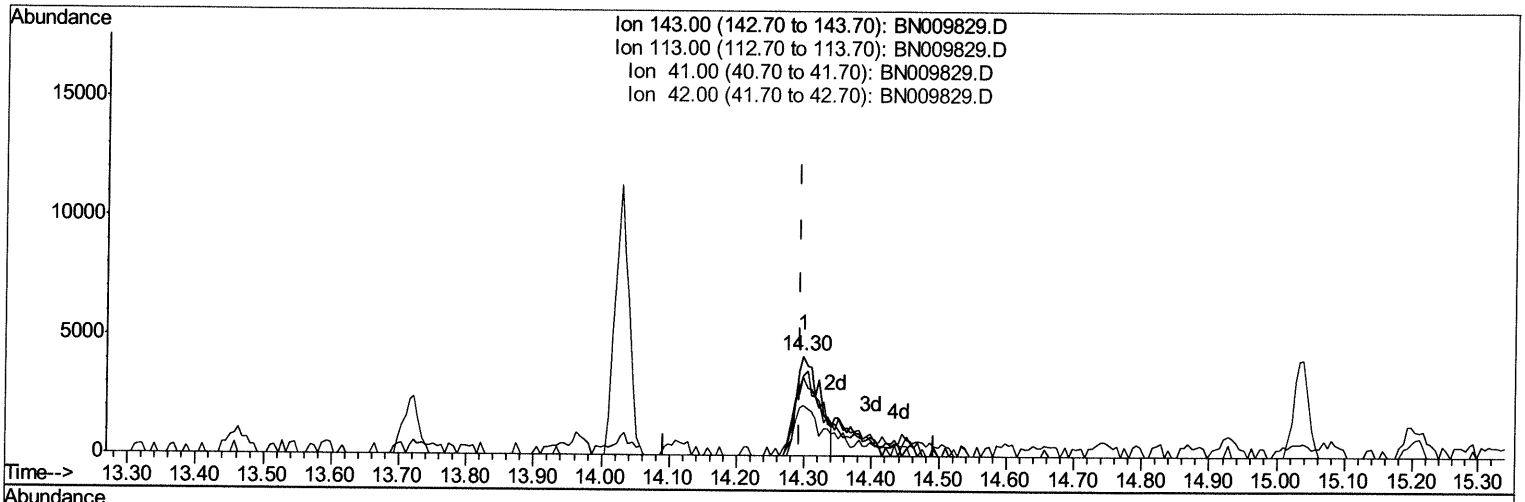

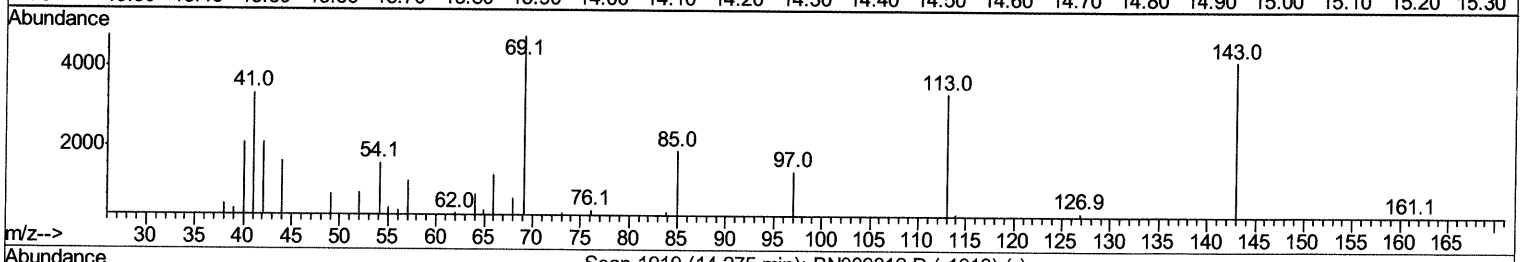

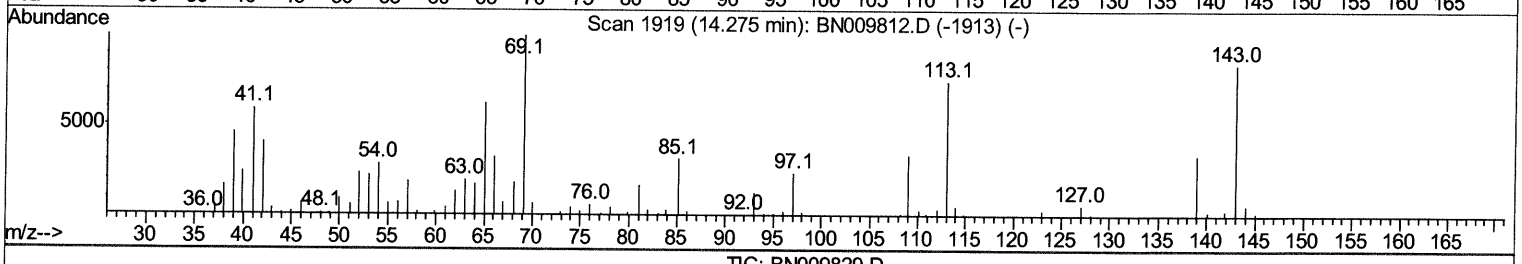

TIC: BN009829.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.006) 2.48ng/ul

response 10327

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.72
41.00	66.00	79.43#
42.00	43.20	50.13

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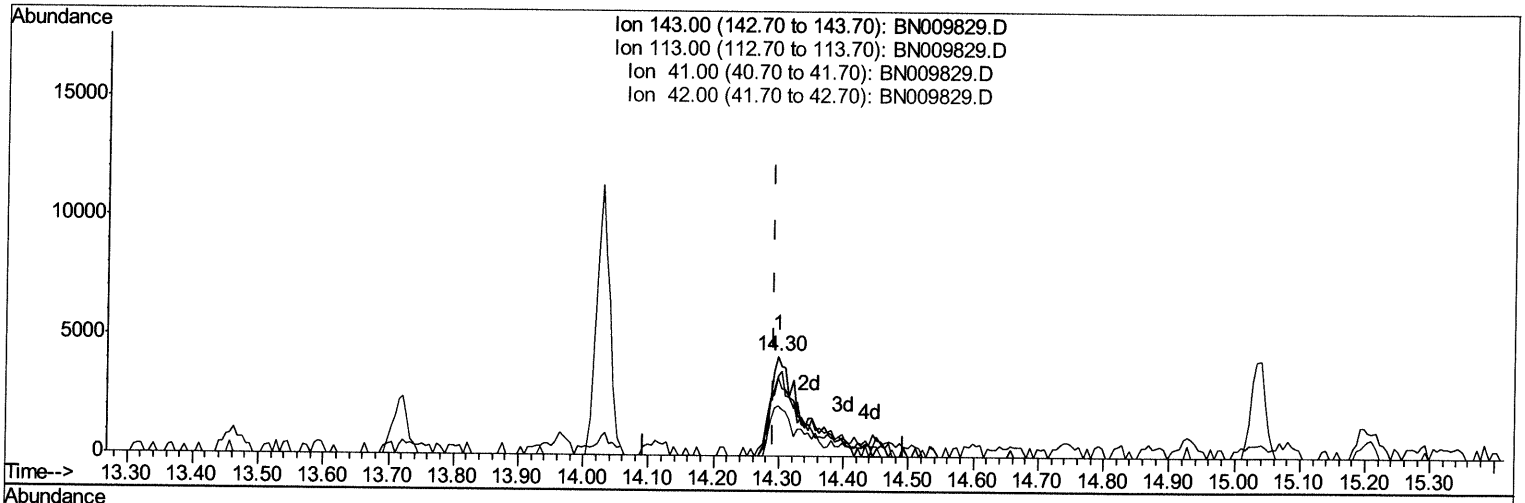
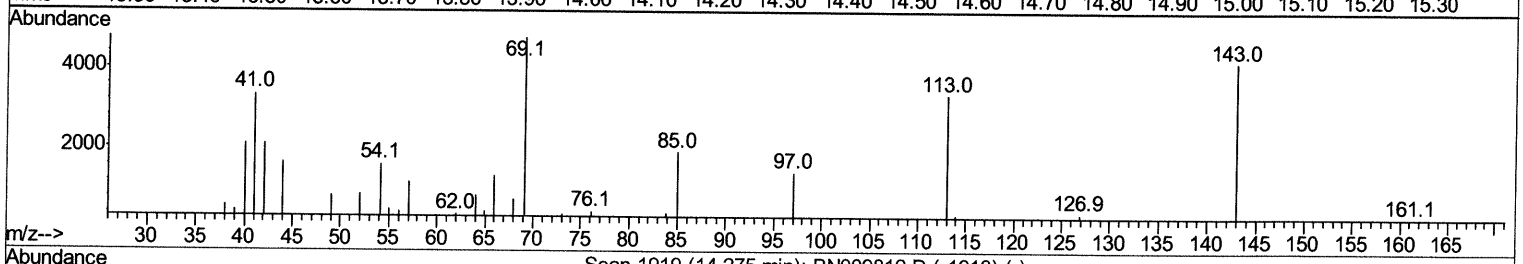
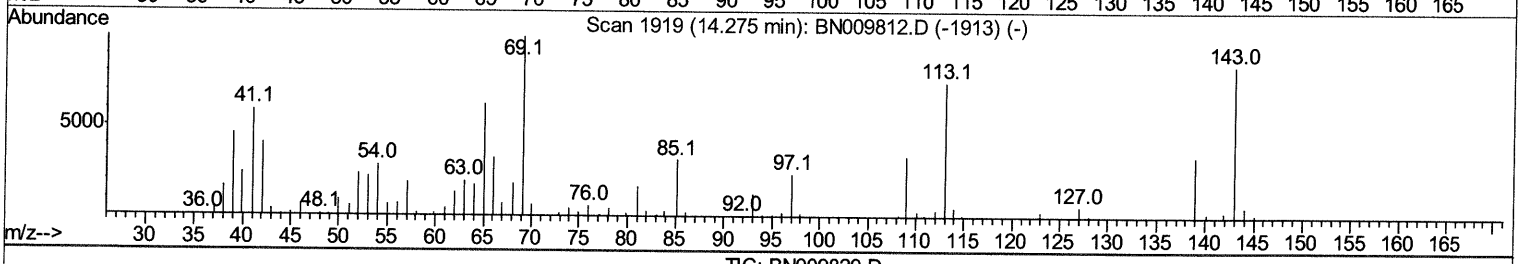
Manual Integrations APPROVED
mohammad
2/24/2020 4:48:35 PM







TIC: BN009829.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.006) 3.49ng/ul m JU 02/25/20

response 14497

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.72
41.00	66.00	79.43#
42.00	43.20	50.13

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Manual Integrations APPROVED
mohammad
2/24/2020 4:48:35 PM

Quant Time: Feb 22 05:50:11 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	112490	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	477054	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	304640	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	644532	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	587152	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	649156	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	3461	1.27	ng/uL	-0.01
5) Phenol-d5	6.60	99	60156	6.29	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	49593	7.51	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	50548	7.02	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	41787	5.49	ng/ul	-0.02
19) Nitrobenzene-d5	8.55	128	24488	7.02	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.25	143	24169	6.33	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	43341	5.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	58459	7.09	ng/ul	-0.01
44) Dimethylphthalate-d6	13.46	166	179001	7.87	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	194309	7.25	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	14497m	> 3.49	ng/ul	> 0.00 JU 02/25/20
58) Fluorene-d10	15.04	176	151750	7.72	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	13968	3.49	ng/ul	0.00
71) Anthracene-d10	16.89	188	224057	7.58	ng/ul	-0.02
79) Pyrene-d10	19.19	212	271088	8.83	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	266113	8.21	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	136142	3.701	ng/ul	98
77) Fluoranthene	18.86	202	193706	4.496	ng/ul	99
80) Pyrene	19.22	202	170668	4.032	ng/ul	99
83) Benzo(a)anthracene	20.99	228	89579	2.220	ng/ul	96
85) Chrysene	21.04	228	96510	2.430	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	122751	2.916	ng/ul	93
91) Benzo(a)pyrene	23.02	252	77576	2.049	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	54491	1.212	ng/ul	93
94) Benzo(g,h,i)perylene	25.76	276	47304	1.255	ng/ul	92

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