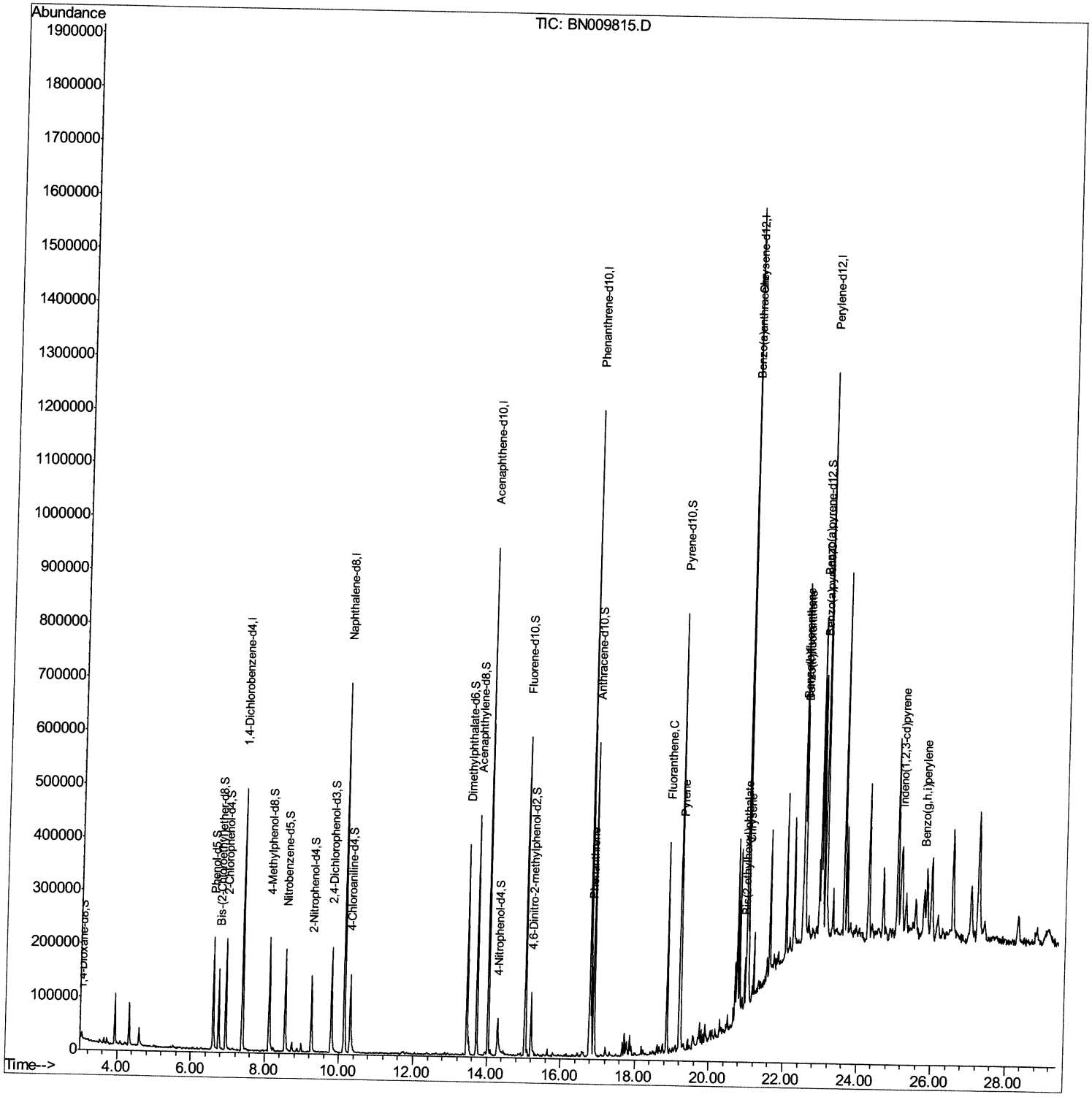
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009815.D
Acq On : 21 Feb 2020 19:43
Operator : CG/JU
Sample : L1535-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 22:24:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
CB6P9

Manual Integrations APPROVED
mohammad
2/24/2020 4:47:57 PM



Quantitation Report (Qedit)

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Acq On : 21 Feb 2020 19:43
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Quant Time: Feb 21 22:03:19 2020
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Quant Title : SVOA CALIBRATION
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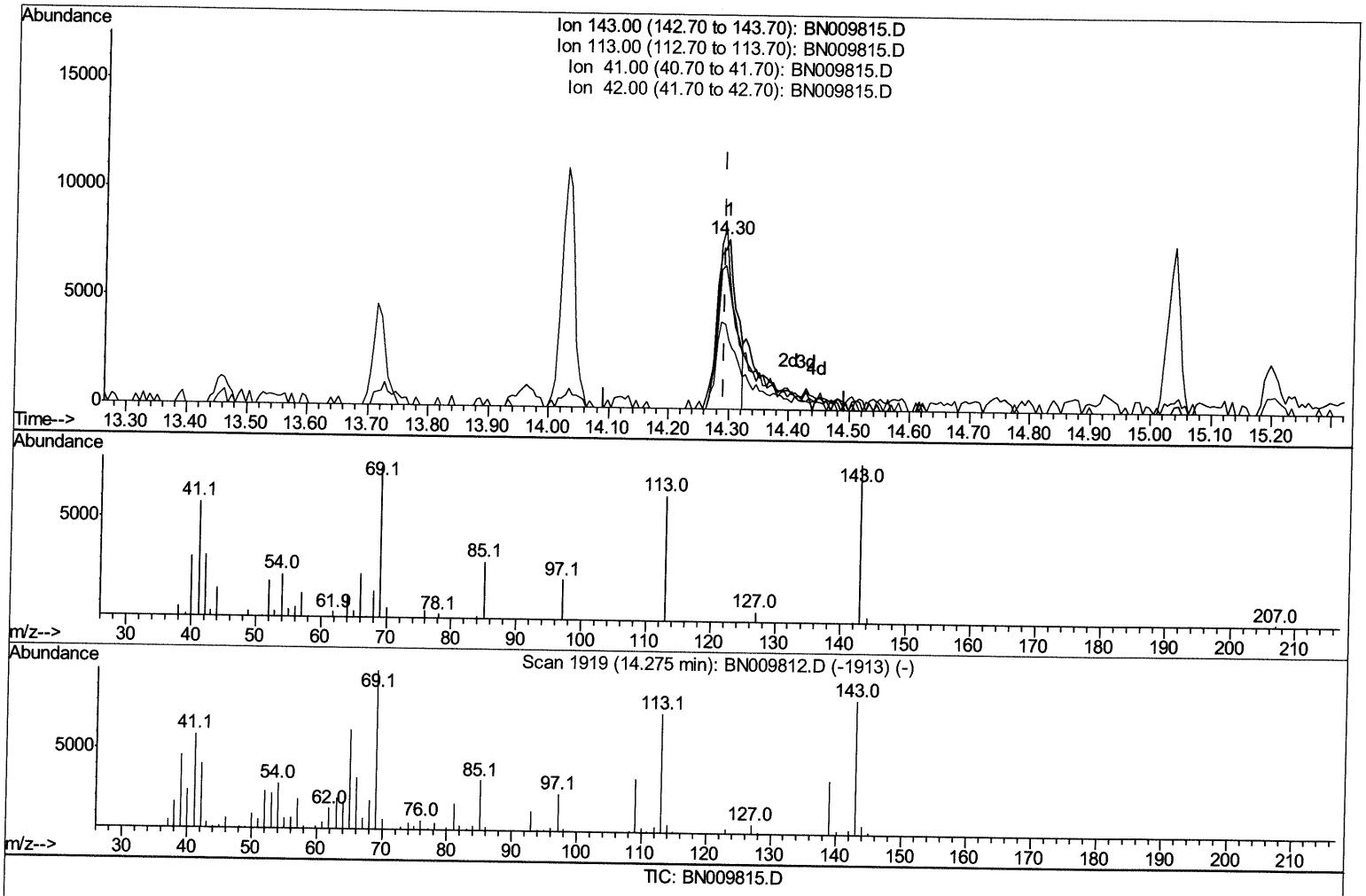

TIC: BN009815.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.006) 4.20ng/ul

response 17114

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.83
41.00	66.00	73.31
42.00	43.20	40.76

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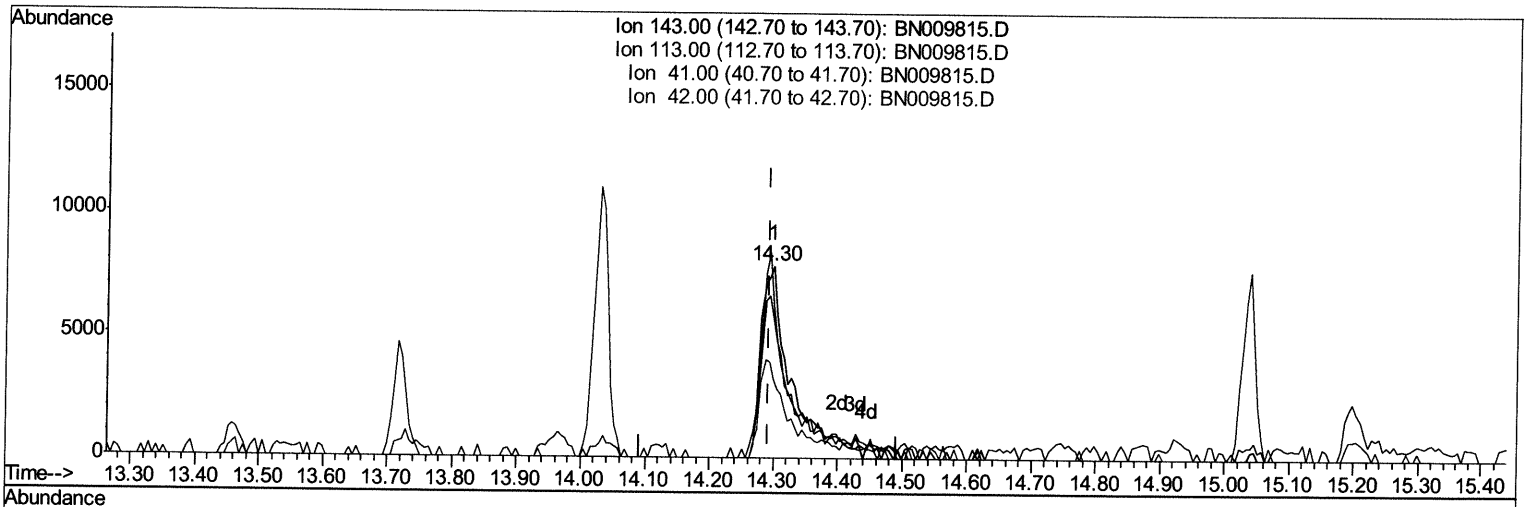
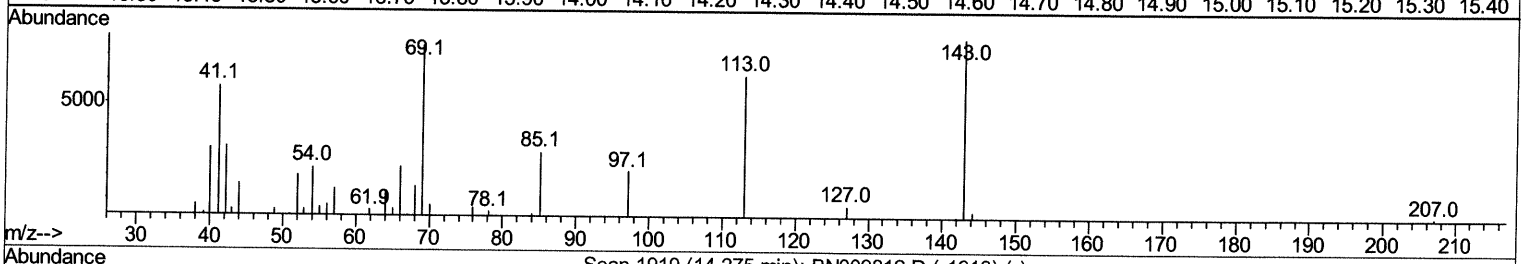
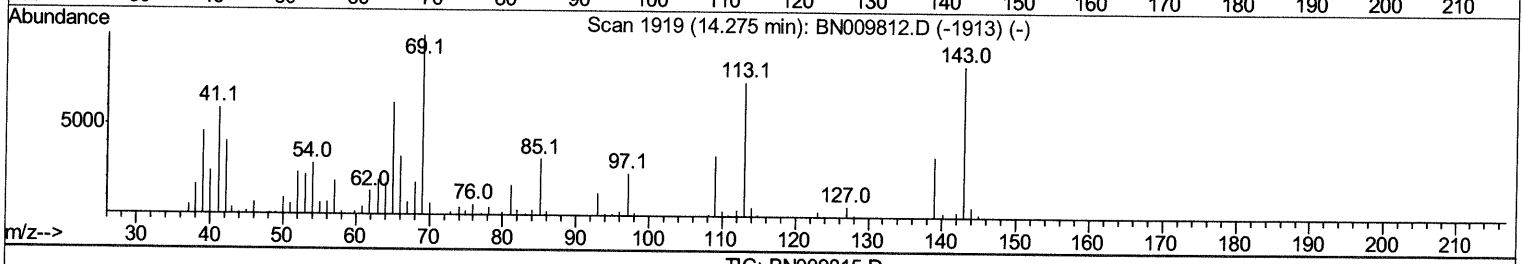
2/24/2020 4:47:57 PM







TIC: BN009815.D

(52) 4-Nitrophenol-d4 (S)

14.298min (+0.006) 6.31ng/ul m JU 02/25/20

response 25720

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.83
41.00	66.00	73.31
42.00	43.20	40.76

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 21 22:22:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
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Instrument :
BNA_N
ClientSampleId :
CB6P9

Manual Integrations APPROVED
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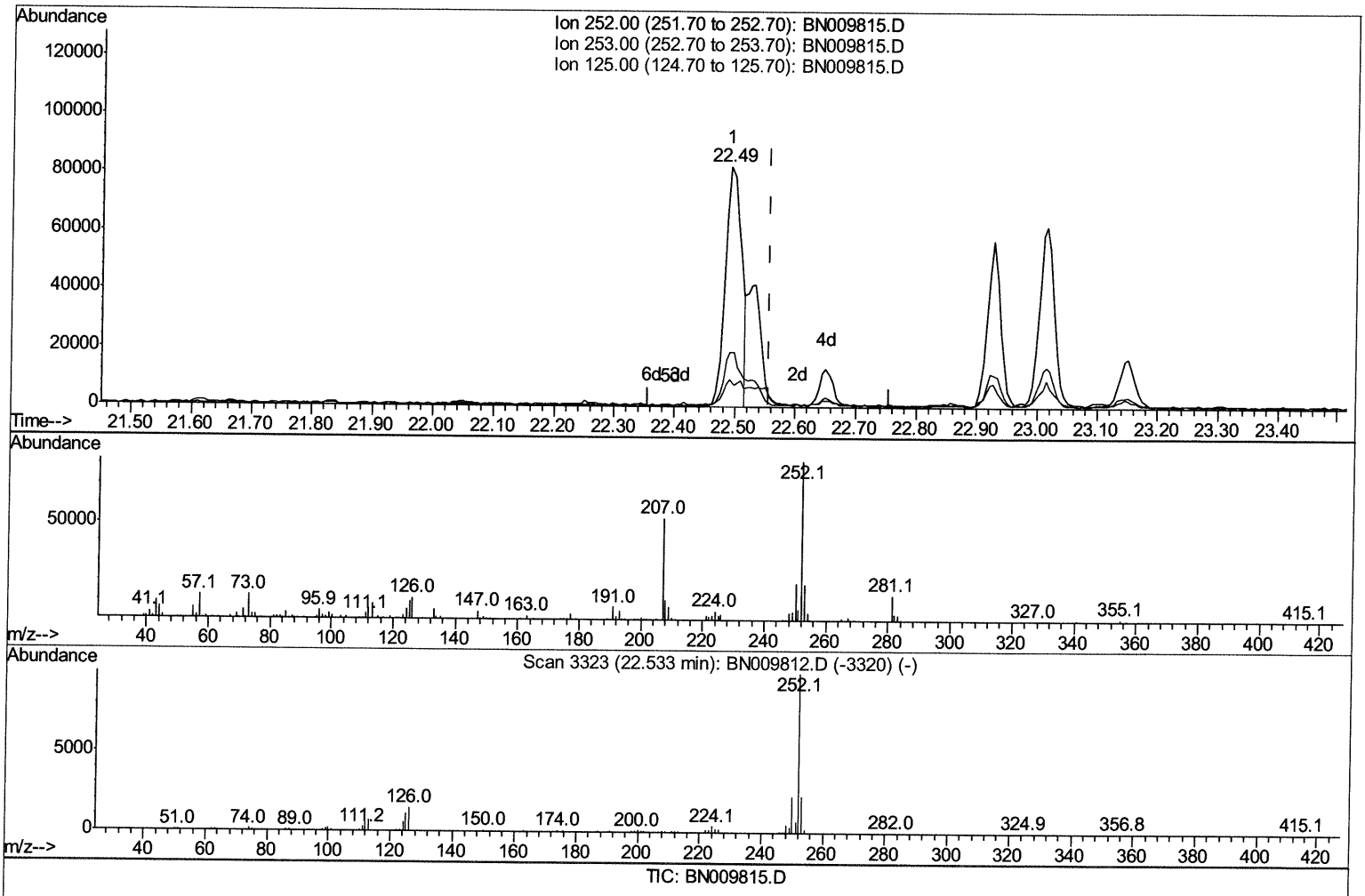

TIC: BN009815.D

(89) Benzo(k)fluoranthene

22.492min (-0.065) 4.00ng/ul

response 156427

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.57
125.00	10.20	11.29
0.00	0.00	0.00

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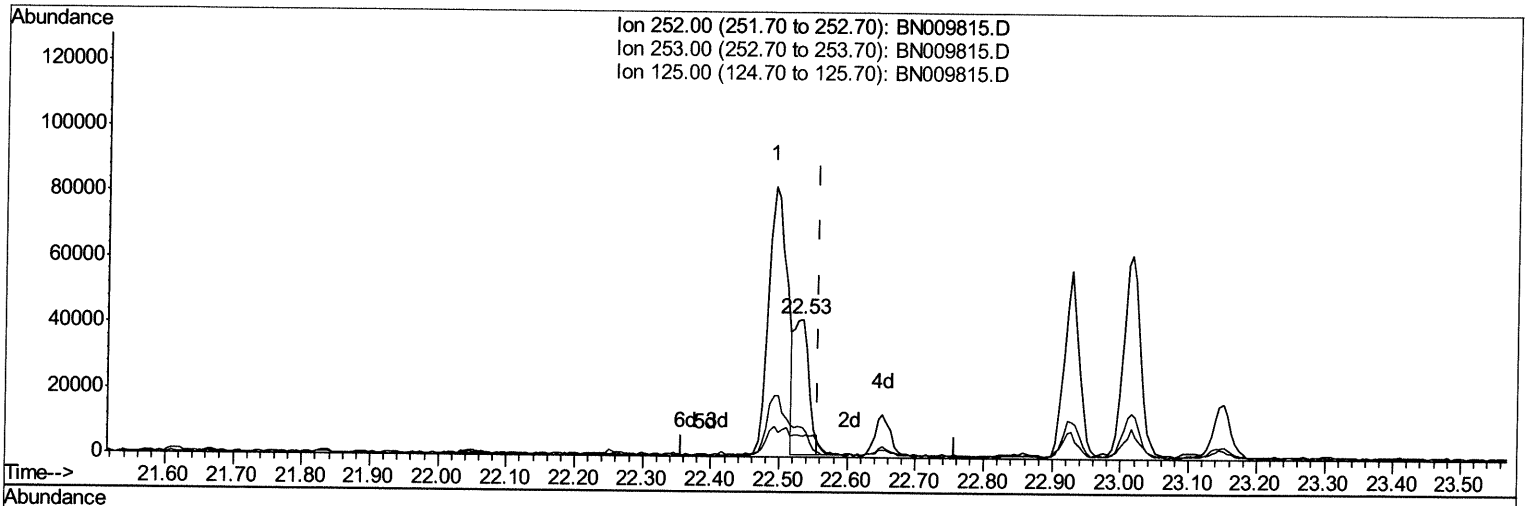
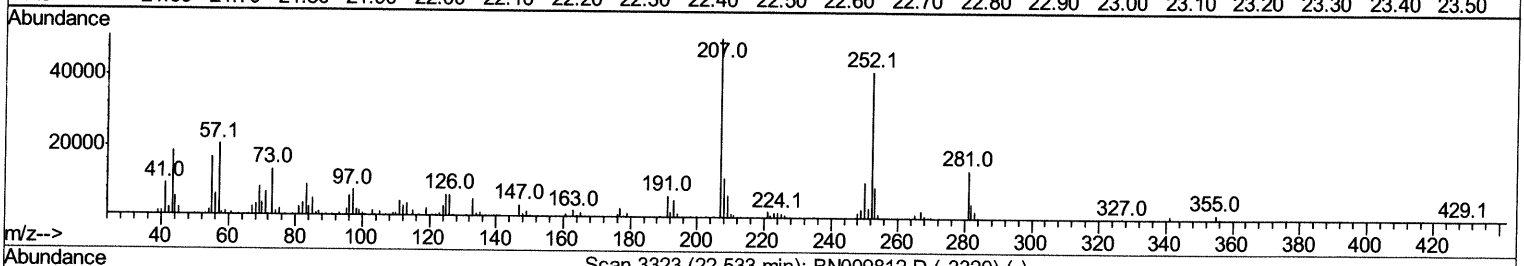
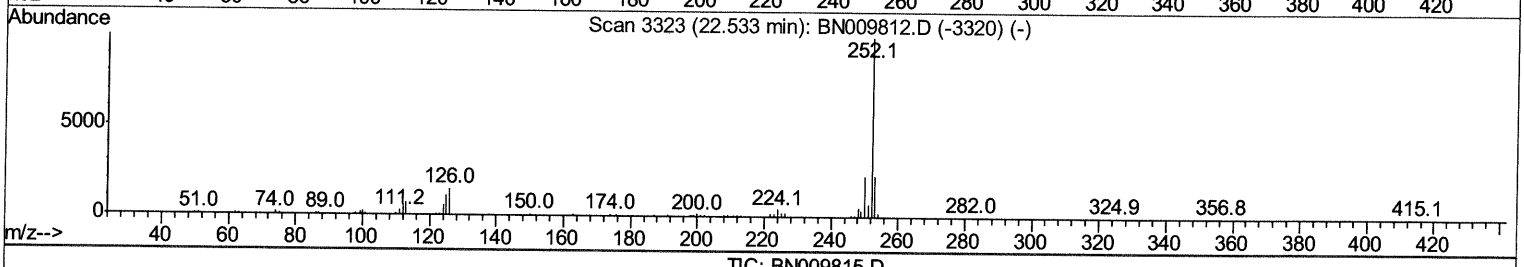
Manual Integrations APPROVED
mohammad
2/24/2020 4:47:57 PM







TIC: BN009815.D

(89) Benzo(k)fluoranthene

22.533min (-0.024) 1.65ng/ul m JU 02/25/20

response 64540

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.77
125.00	10.20	15.25#
0.00	0.00	0.00

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QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : CB6P9

Manual Integrations APPROVED
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2/24/2020 4:47:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	111344	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	472691	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	298830	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	623039	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	551858	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	637076	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	5006	1.85	ng/uL	-0.01
5) Phenol-d5	6.60	99	97498	10.29	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	71789	10.98	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	79523	11.15	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	75473	10.02	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	36096	10.44	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.26	143	36221	9.57	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.79	165	74475	10.24	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	89423	10.94	ng/ul	-0.01
44) Dimethylphthalate-d6	13.46	166	251261	11.26	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	287384	10.93	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.30	143	25720m >	6.31	ng/ul >	0.00 JU 02/25/20
58) Fluorene-d10	15.04	176	222244	11.53	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	22679	5.86	ng/ul	-0.01
71) Anthracene-d10	16.89	188	323106	11.31	ng/ul	-0.02
79) Pyrene-d10	19.19	212	378378	13.12	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	379244	11.92	ng/ul	-0.03
Target Compounds						Qvalue
70) Phenanthrene	16.83	178	121422	3.415	ng/ul	96
77) Fluoranthene	18.86	202	218195	5.239	ng/ul	99
80) Pyrene	19.22	202	197995	4.976	ng/ul	99
83) Benzo(a)anthracene	20.99	228	103836	2.738	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.95	149	28677	1.148	ng/ul#	98
85) Chrysene	21.05	228	118835	3.183	ng/ul	99
88) Benzo(b)fluoranthene	22.49	252	156427	3.787	ng/ul	97
89) Benzo(k)fluoranthene	22.53	252	64540m >	1.650	ng/ul >	JU 02/25/20
91) Benzo(a)pyrene	23.02	252	106588	2.869	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.14	276	97353	2.207	ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	94083	2.544	ng/ul	98

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