Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009532.D
Acq On : 03 Feb 2020 16:43
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 17:24:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV59

Manual Integrations APPROVED
mohammad
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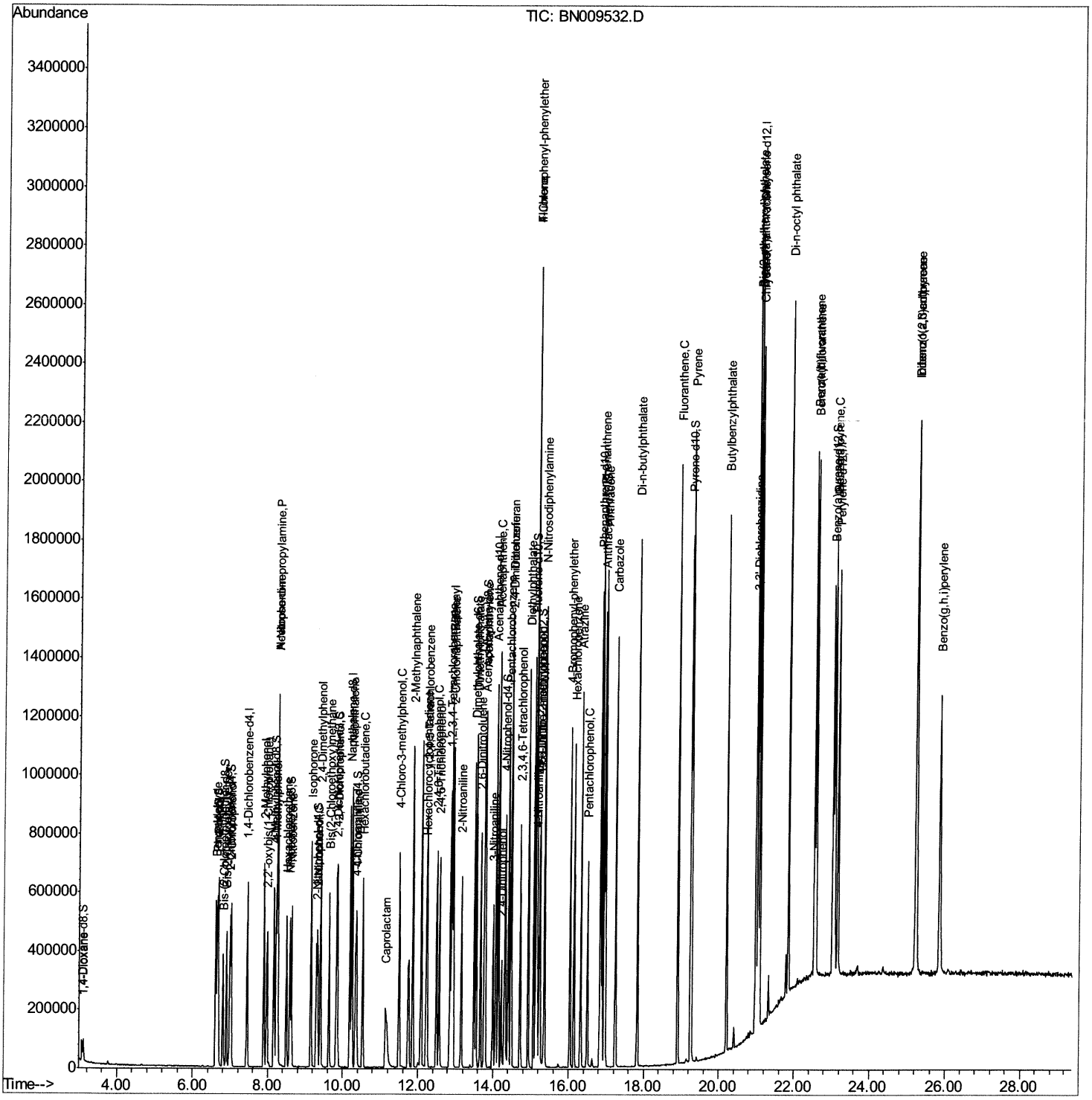

Quantitation Report (Qedit)

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Data File : BN009532.D
Acq On : 03 Feb 2020 16:43
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 03 17:22:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
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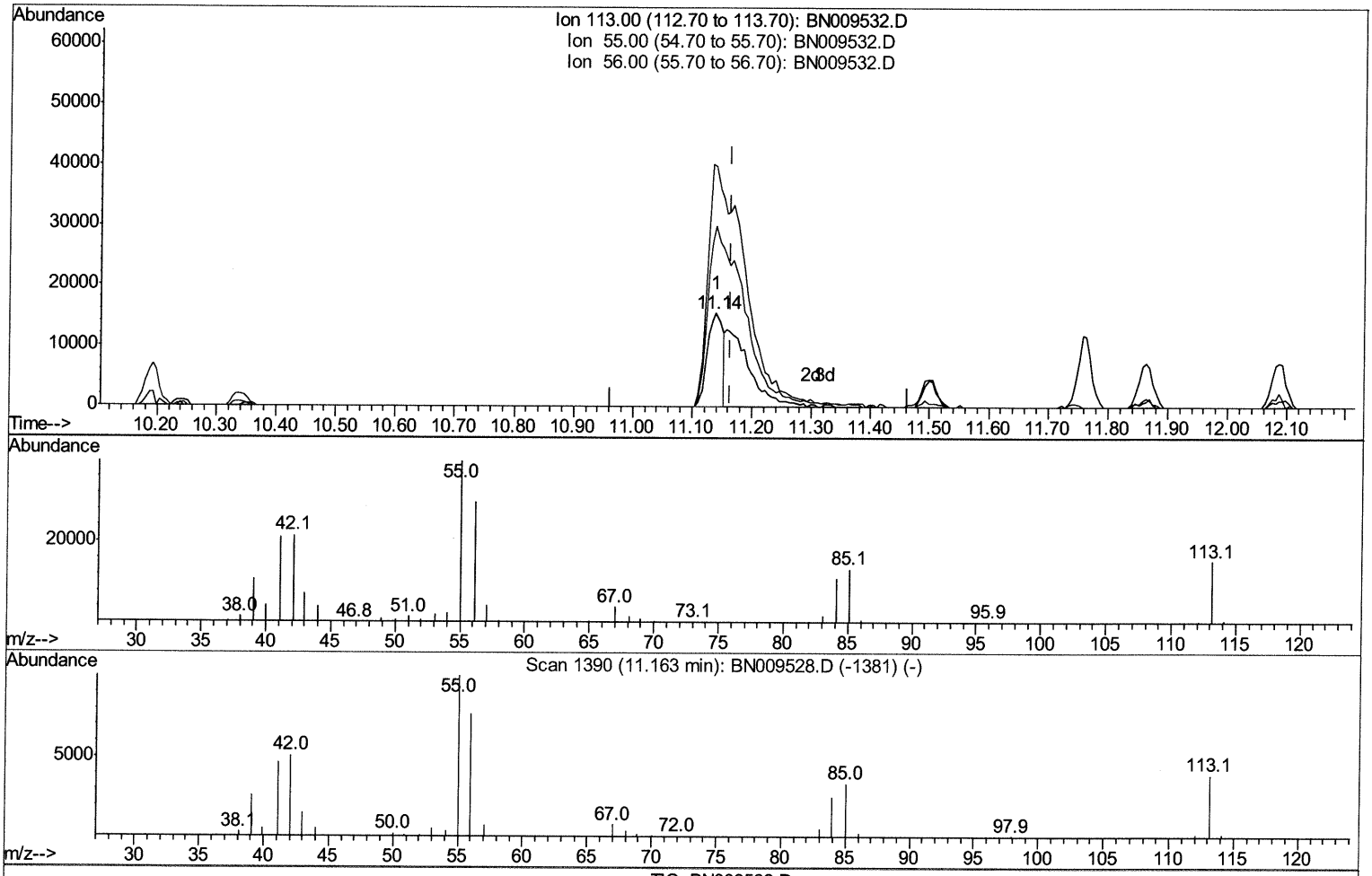

TIC: BN009532.D

(32) Caprolactam

11.140min (-0.024) 8.41ng/ul

response 27822

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	258.00
56.00	199.10	193.93
0.00	0.00	0.00

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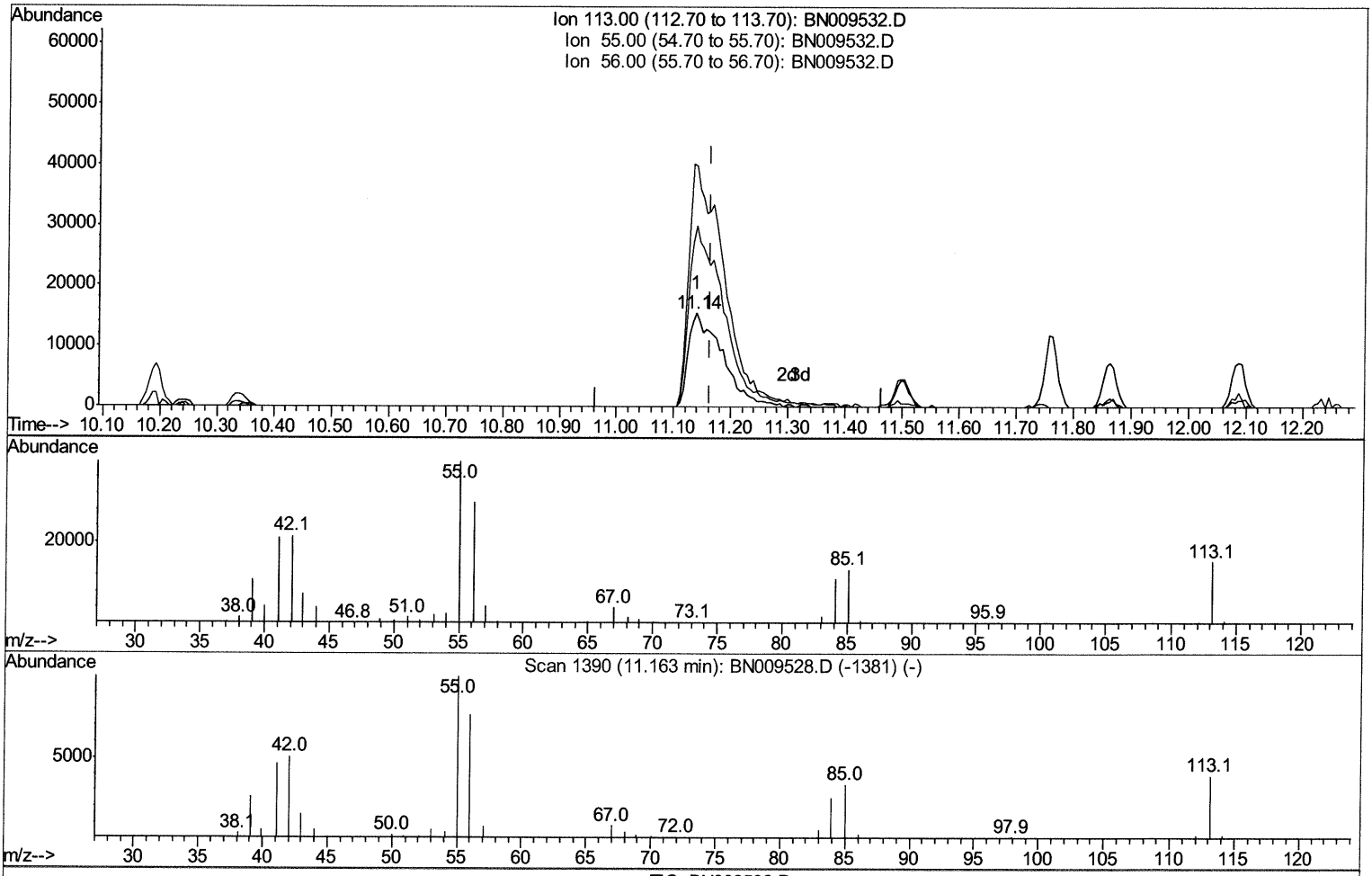

TIC: BN009532.D

(32) Caprolactam

11.140min (-0.024) 19.52ng/ul m JU 02/05/20

response 64539

Ion	Exp%	Act%
113.00	100	100
55.00	258.80	258.00
56.00	199.10	193.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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ALS Vial : 8 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
SICV59

Manual Integrations APPROVED
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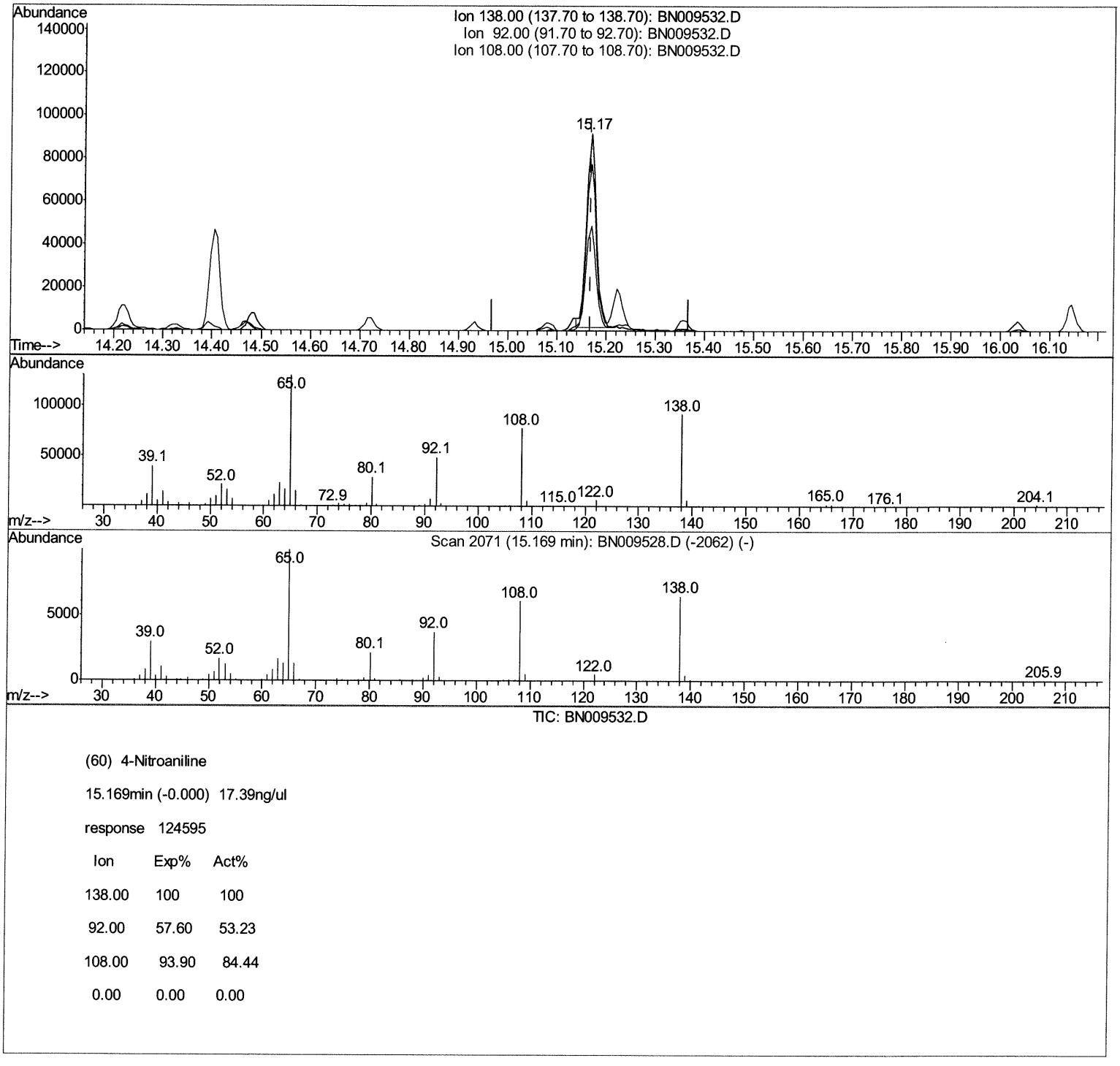

TIC: BN009532.D

(60) 4-Nitroaniline

15.169min (-0.000) 17.39ng/ul

response 124595

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	53.23
108.00	93.90	84.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Manual Integrations APPROVED
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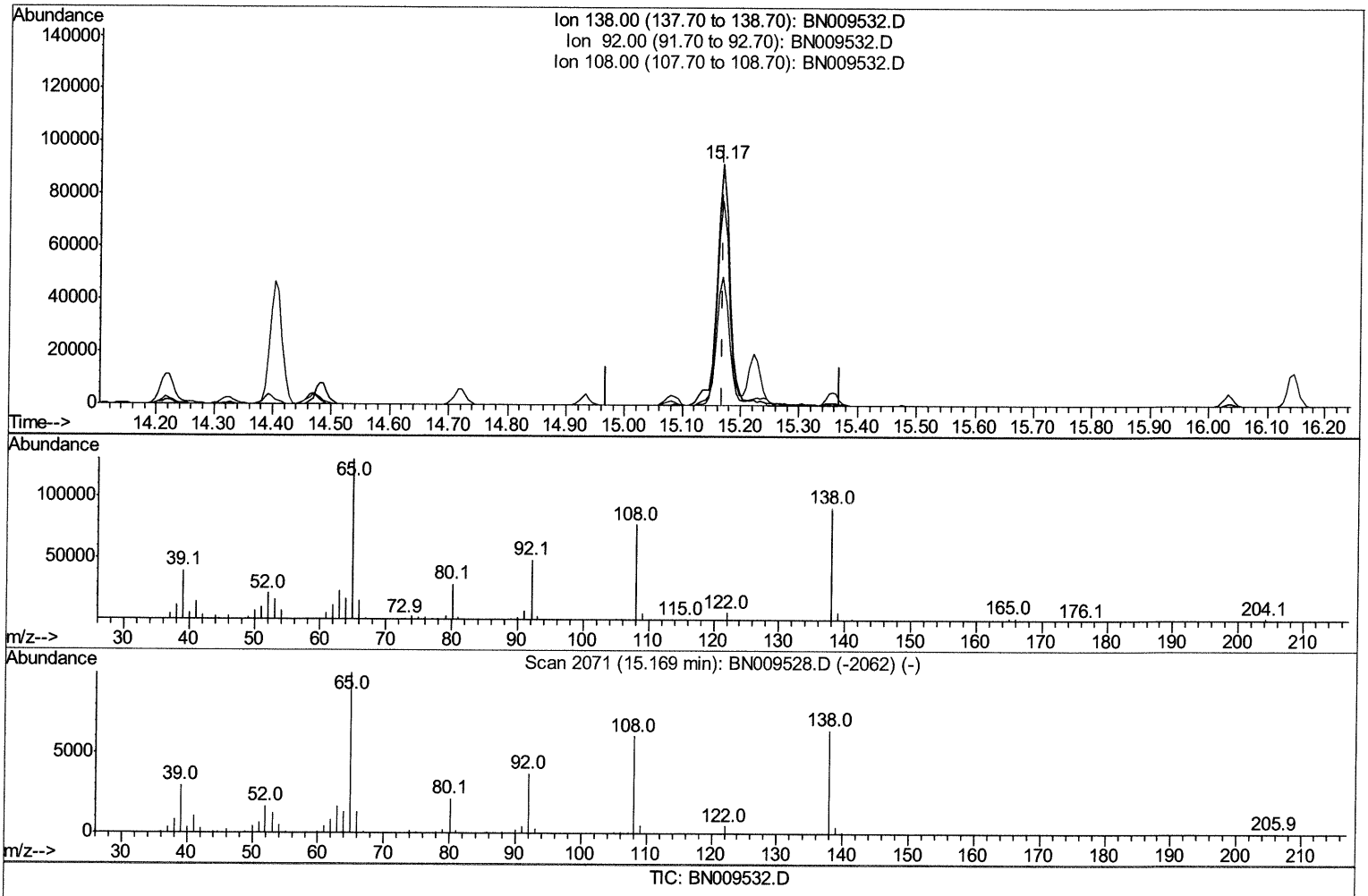

TIC: BN009532.D

(60) 4-Nitroaniline

15.169min (-0.000) 19.57ng/ul m JU 02/05/20

response 140193

Ion	Exp%	Act%
138.00	100	100
92.00	57.60	53.23
108.00	93.90	84.44
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
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Quant Time: Feb 03 17:24:22 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	148974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	625211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	409673	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	866615	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	803211	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	856145	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	28073	7.73	ng/uL	0.00
5) Phenol-d5	6.64	99	242845	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	169416	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	188556	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	196793	19.02	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	93913	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	101746	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	194602	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	195106	18.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	588976	19.69	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	710565	19.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	105884	18.75	ng/ul	0.00
57) Fluorene-d10	15.08	176	522601	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	100494	18.57	ng/ul	0.00
70) Anthracene-d10	16.93	188	778345	19.77	ng/ul	0.00
78) Pyrene-d10	19.24	212	845676	20.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	855016	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	32930	7.950	ng/uL	92
4) Benzaldehyde	6.60	77	173065	19.414	ng/ul	97
6) Phenol	6.66	94	259490	18.688	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.89	93	207582	19.166	ng/ul	95
10) 2-Chlorophenol	7.02	128	197459	19.900	ng/ul	96
11) 2-Methylphenol	7.89	108	193840	18.892	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.98	45	488365	18.847	ng/ul	98
14) Acetophenone	8.26	105	320076	19.333	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.25	70	173512	19.790	ng/ul	95
16) 4-Methylphenol	8.22	108	213264	18.969	ng/ul	100
17) Hexachloroethane	8.49	117	87311	19.414	ng/ul	100
20) Nitrobenzene	8.62	77	264692	19.823	ng/ul	95
21) Isophorone	9.15	82	476400	19.830	ng/ul	99
23) 2-Nitrophenol	9.33	139	114323	20.228	ng/ul	93
24) 2,4-Dimethylphenol	9.40	107	242050	19.721	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.63	93	287295	19.675	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	194933	19.762	ng/ul	98
28) Naphthalene	10.24	128	661988	19.525	ng/ul	98
30) 4-Chloroaniline	10.36	127	203433	18.849	ng/ul	99
31) Hexachlorobutadiene	10.53	225	122606	19.465	ng/ul	93
32) Caprolactam	11.14	113	64539m >	19.518	ng/ul >	JU 02/05/20
33) 4-Chloro-3-methylphenol	11.50	107	226499	19.695	ng/ul	98
34) 2-Methylnaphthalene	11.86	142	469426	19.785	ng/ul	97

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	230405	19.328 ng/ul	92
37) Hexachlorocyclopentadiene	12.22	237	114018	17.574 ng/ul	96
38) 2,4,6-Trichlorophenol	12.50	196	152222	19.613 ng/ul	96
39) 2,4,5-Trichlorophenol	12.57	196	168974	19.884 ng/ul	99
40) 1,1'-Biphenyl	12.90	154	616477	19.327 ng/ul	98
41) 2-Chloronaphthalene	12.94	162	486128	19.407 ng/ul	100
42) 2-Nitroaniline	13.16	65	183121	20.228 ng/ul	93
44) Dimethylphthalate	13.55	163	624427	19.674 ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	126426	20.402 ng/ul	98
47) Acenaphthylene	13.79	152	769243	19.453 ng/ul	99
48) 3-Nitroaniline	14.00	138	106884	18.995 ng/ul	96
49) Acenaphthene	14.15	153	524066	19.494 ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	65388	17.098 ng/ul	91
52) 4-Nitrophenol	14.32	109	95783	18.954 ng/ul	96
53) Dibenzofuran	14.48	168	723042	19.314 ng/ul	97
54) 2,4-Dinitrotoluene	14.47	165	188159	20.702 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.72	232	144021	19.957 ng/ul	99
56) Diethylphthalate	14.93	149	630449	19.854 ng/ul	97
58) Fluorene	15.14	166	606387	19.382 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.14	204	295387	19.438 ng/ul	98
60) 4-Nitroaniline	15.17	138	140193m	> 19.569 ng/ul >	JW 02/05/20
63) 4,6-Dinitro-2-methylphenol	15.24	198	111222	19.032 ng/ul	100
64) N-Nitrosodiphenylamine	15.36	169	510578	19.713 ng/ul	98
65) 4-Bromophenyl-phenylether	16.03	248	172455	20.195 ng/ul	97
66) Hexachlorobenzene	16.15	284	187188	19.997 ng/ul	93
67) Atrazine	16.33	200	184438	19.416 ng/ul	97
68) Pentachlorophenol	16.49	266	107259	18.993 ng/ul	98
69) Phenanthrene	16.87	178	956320	19.350 ng/ul	100
71) Anthracene	16.97	178	997973	19.901 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.86	216	252267	19.906 ng/uL	99
73) Pentachlorobenzene	14.41	250	241888	19.776 ng/uL	98
74) Carbazole	17.25	167	854432	19.569 ng/ul	99
75) Di-n-butylphthalate	17.83	149	1070268	19.998 ng/ul	100
76) Fluoranthene	18.90	202	1102047	19.538 ng/ul	100
79) Pyrene	19.27	202	1171200	19.975 ng/ul	99
80) Butylbenzylphthalate	20.20	149	470306	20.020 ng/ul	95
81) 3,3'-Dichlorobenzidine	20.97	252	336672	19.587 ng/ul	99
82) Benzo(a)anthracene	21.03	228	1093090	19.710 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	725679	20.501 ng/ul	99
84) Chrysene	21.08	228	1049822	19.015 ng/ul	99
86) Di-n-octyl phthalate	21.84	149	1211866	19.188 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1045568	19.520 ng/ul	99
88) Benzo(k)fluoranthene	22.58	252	1064997	20.189 ng/ul	97
90) Benzo(a)pyrene	23.07	252	957141	19.286 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	1155687	19.587 ng/ul	98
92) Dibenzo(a,h)anthracene	25.24	278	993056	19.995 ng/ul	96
93) Benzo(g,h,i)perylene	25.85	276	972845	19.673 ng/ul	97

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