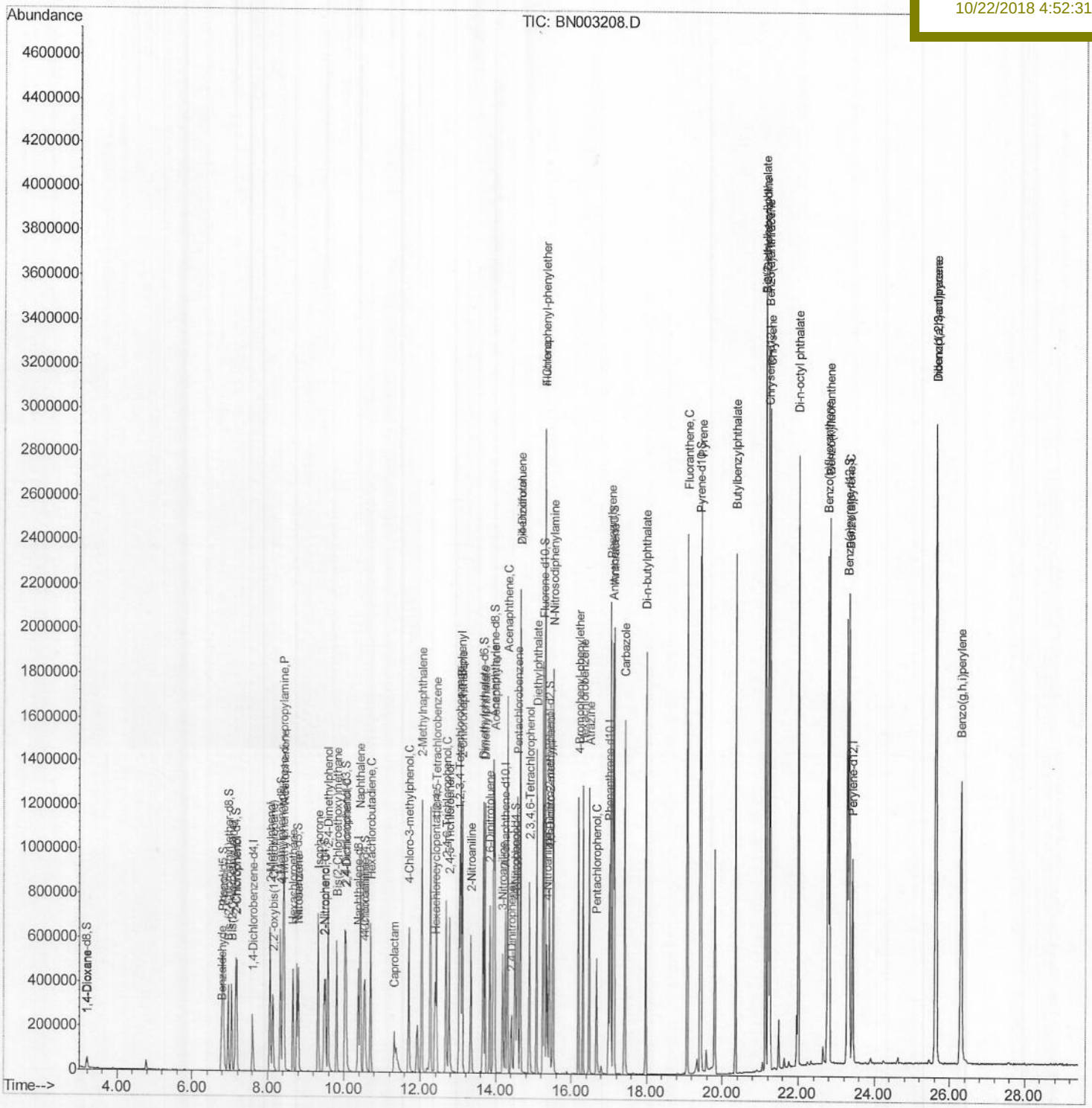
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101918\
Data File : BN003208.D
Acq On : 19 Oct 2018 16:05
Operator : MJ/SJ
Sample : SSTD04017
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 17:08:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 19 16:13:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04017

Manual Integrations APPROVED
Sohil
10/22/2018 4:52:31 PM



Quantitation Report (Qedit)

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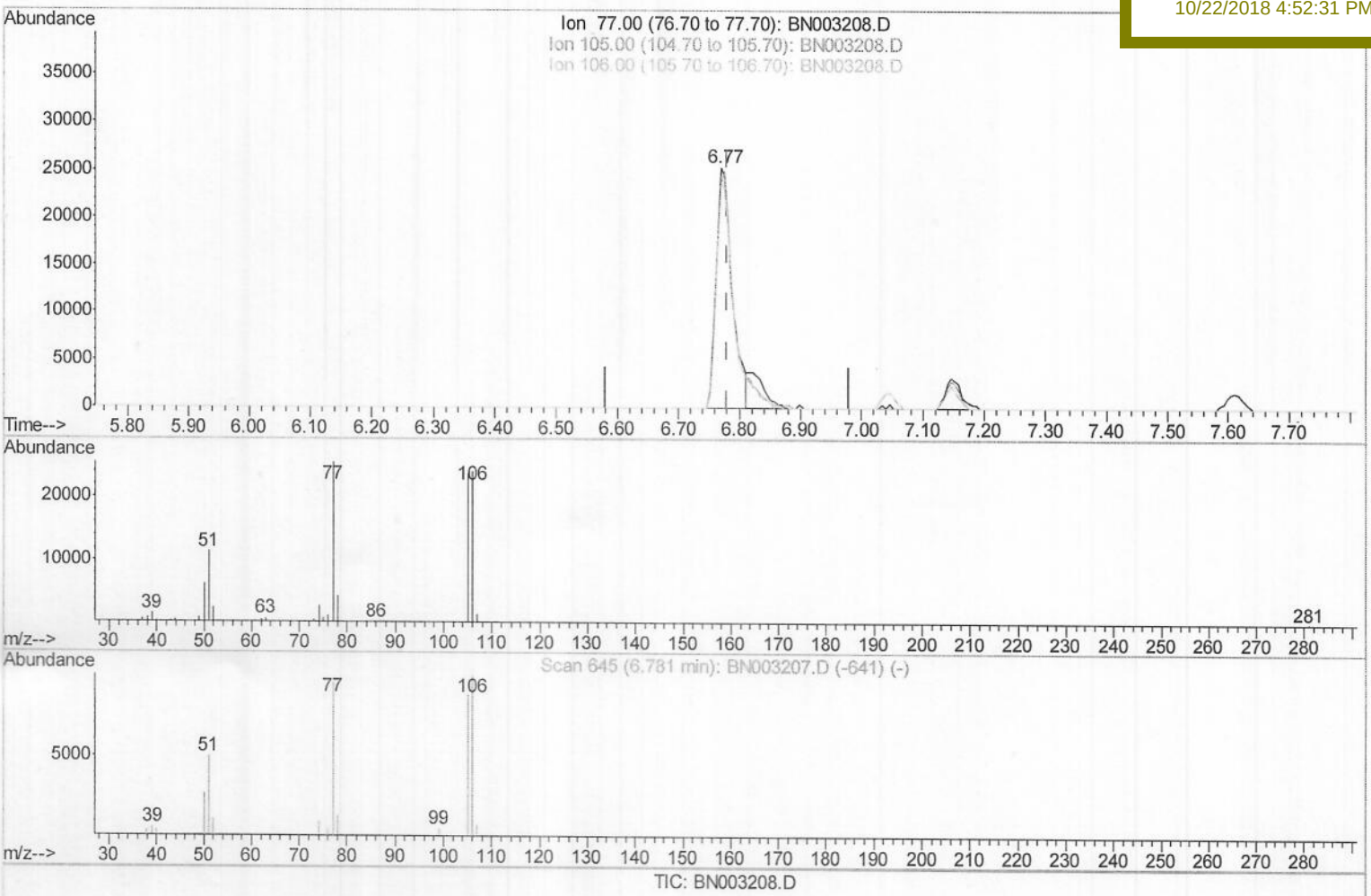
Data File : BN003208.D
Acq On : 19 Oct 2018 16:05
Operator : MJ/SJ
Sample : SSTD04017
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 17:06:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 19 16:13:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04017

Manual Integrations APPROVED
Sohil
10/22/2018 4:52:31 PM



TIC: BN003208.D

(4) Benzaldehyde

6.769min (-0.011) 12.42ng/ul

response 45861

Ion	Exp%	Act%
77.00	100	100
105.00	92.30	93.55
106.00	105.20	94.78
0.00	0.00	0.00

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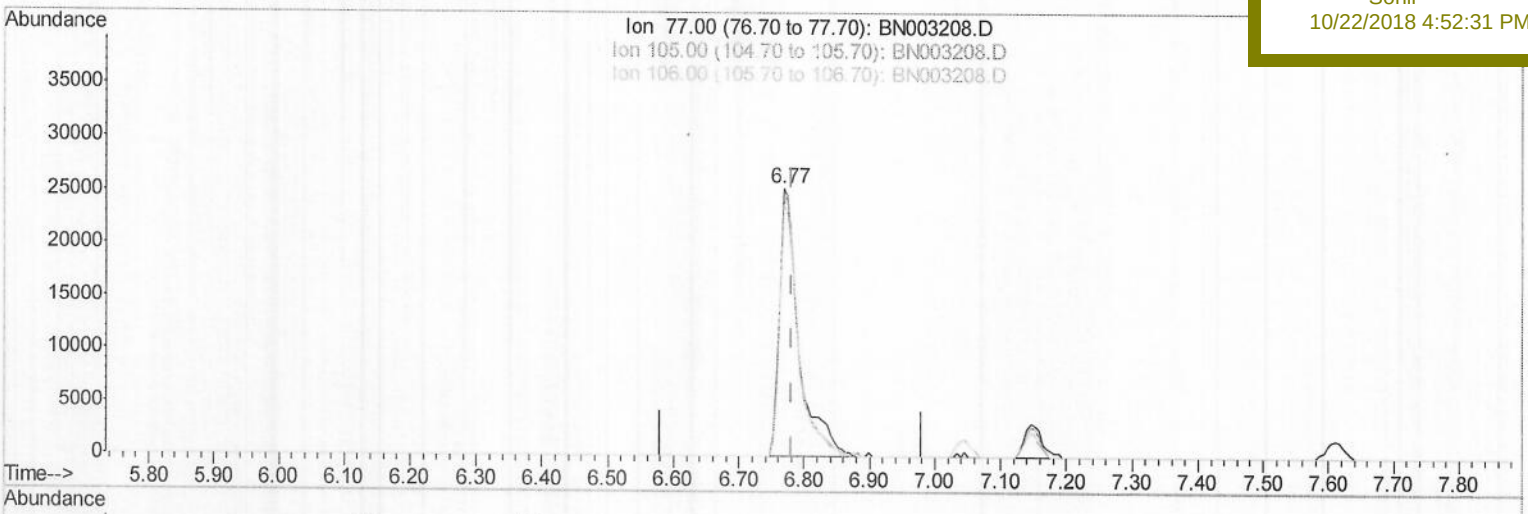
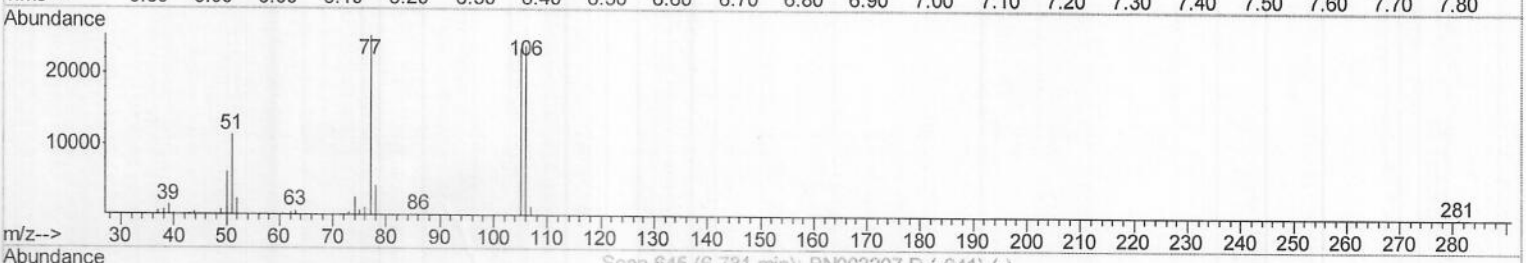
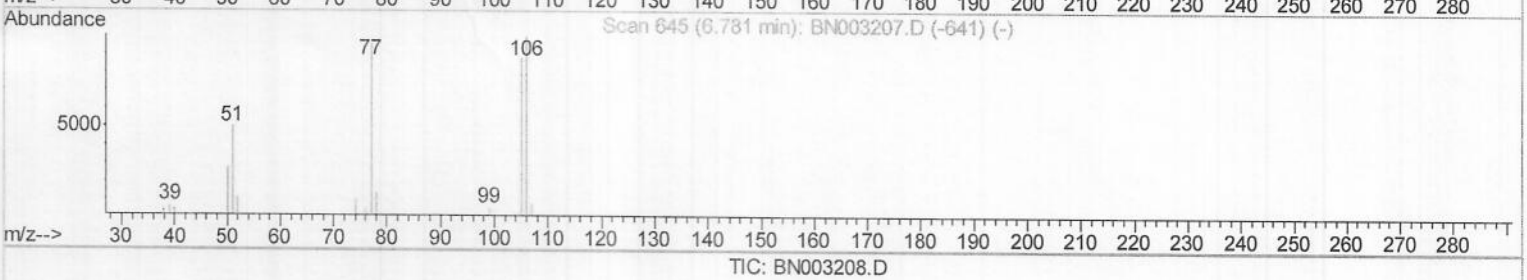
Manual Integrations APPROVED
Sohil
10/22/2018 4:52:31 PM







TIC: BN003208.D

(4) Benzaldehyde

6.769min (-0.011) 14.27ng/ul m

response 52683

Ion	Exp%	Act%
77.00	100	100
105.00	92.30	93.55
106.00	105.20	94.78
0.00	0.00	0.00

SJ
10/20/18

Quantitation Report (Qedit)

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Acq On : 19 Oct 2018 16:05
Operator : MJ/SJ
Sample : SSTD04017
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 19 17:06:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
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QLast Update : Fri Oct 19 16:13:37 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04017

Manual Integrations APPROVED
Sohil
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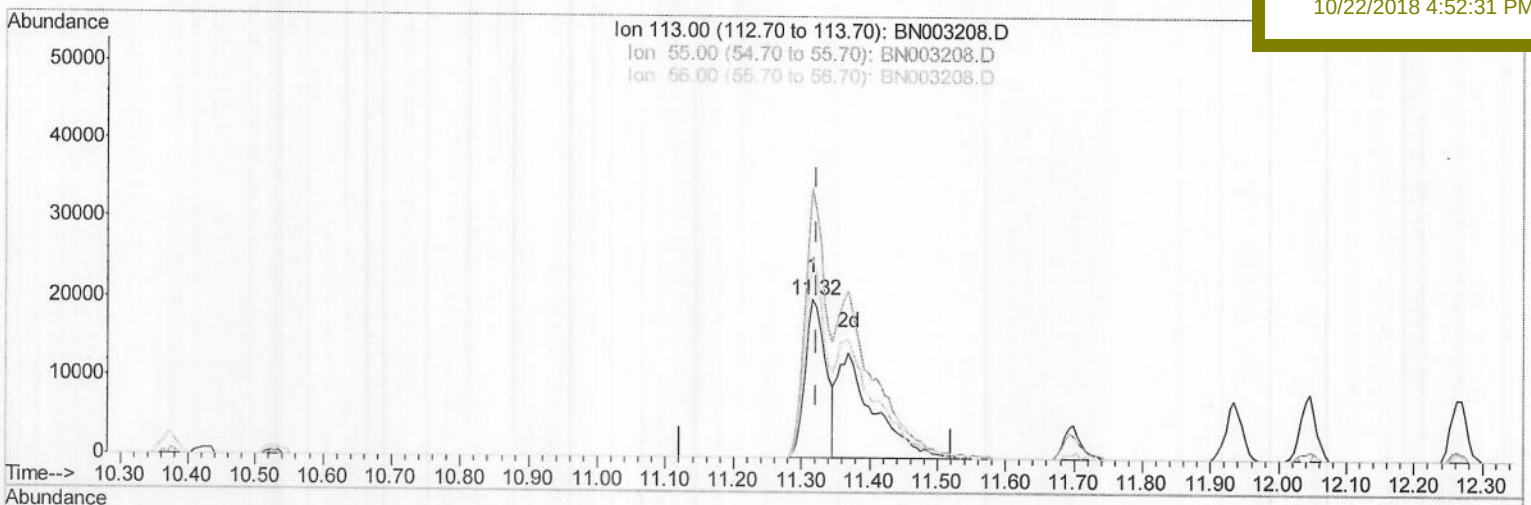

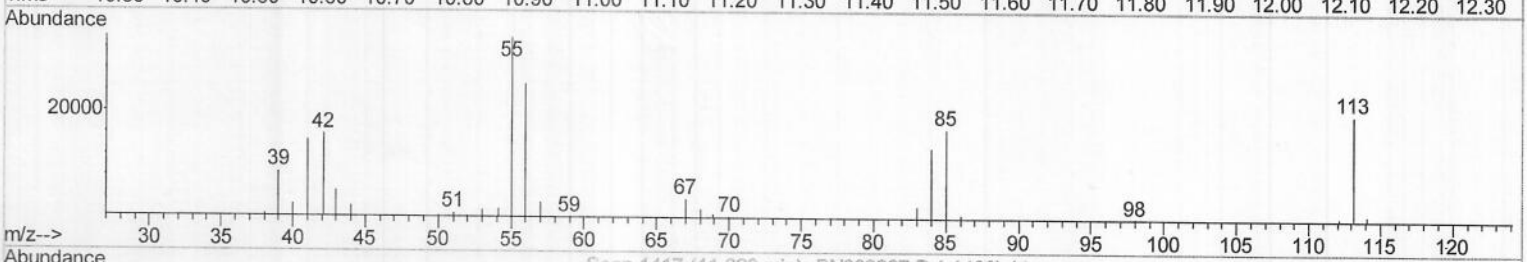

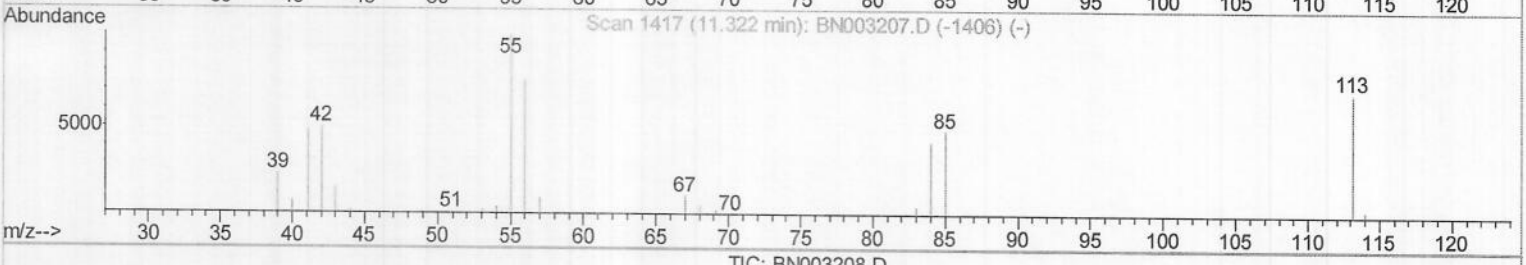

TIC: BN003208.D

(32) Caprolactam

11.316min (-0.006) 23.62ng/ul

response 43234

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	169.57
56.00	108.20	125.53
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD04017
Misc :
ALS Vial : 5 Sample Multiplier: 1

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QLast Update : Fri Oct 19 16:13:37 2018
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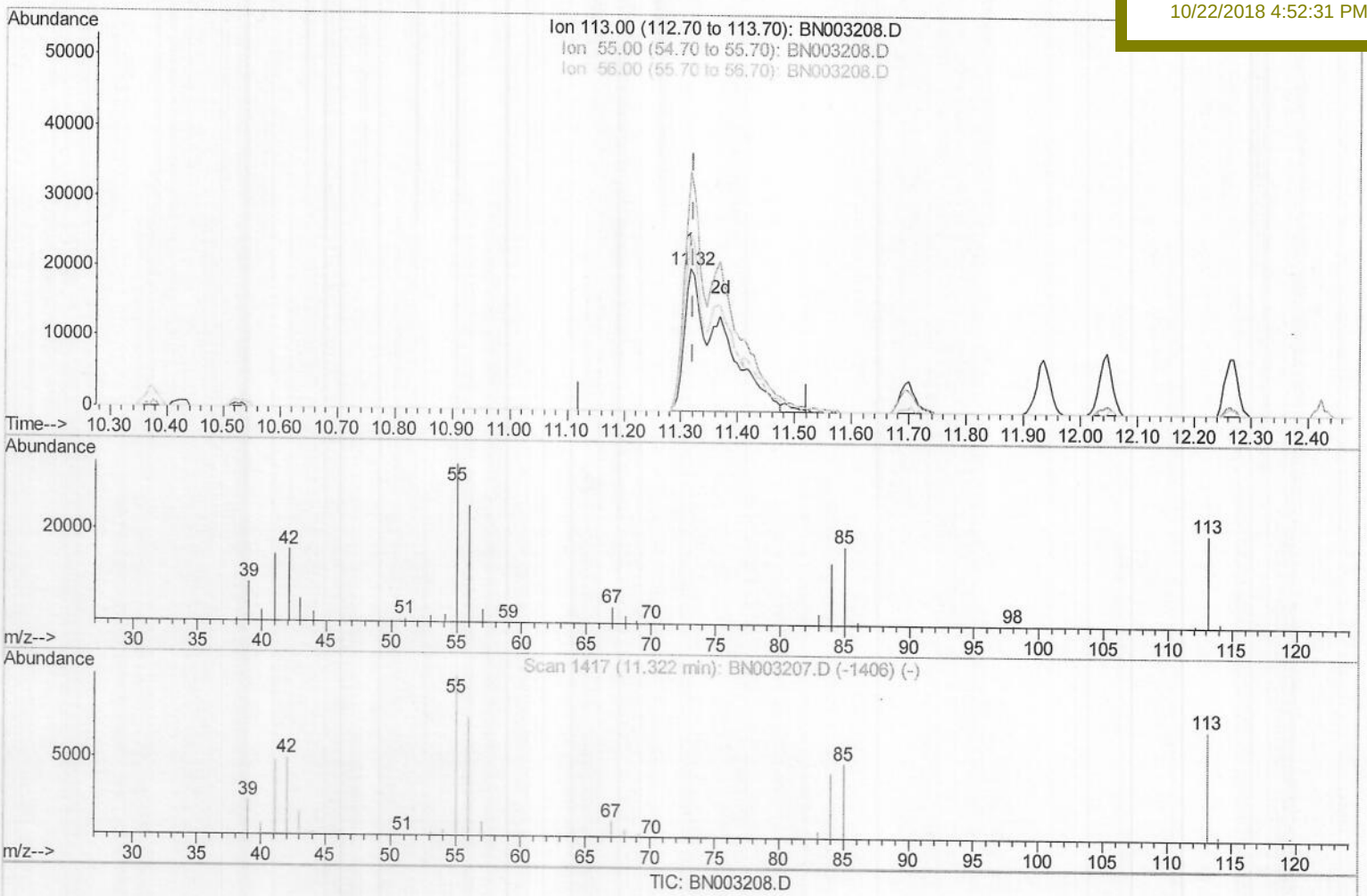
Instrument :
BNA_N
ClientSampleId :
SSTD04017

Manual Integrations APPROVED
Sohil
10/22/2018 4:52:31 PM



TIC: BN003208.D

(32) Caprolactam

11.316min (-0.006) 50.14ng/ul m

response 91786

Ion	Exp%	Act%
113.00	100	100
55.00	144.30	169.57
56.00	108.20	125.53
0.00	0.00	0.00

SJ
10/20/18

Quantitation Report (QT Reviewed)

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Sample : SSTD04017
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	79528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	388089	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	242699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	568289	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	627827	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	681250	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	24293	14.09	ng/uL	0.00
5) Phenol-d5	6.80	99	307705	45.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	177872	42.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	244657	44.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	251268	48.04	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	126401	42.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	149470	43.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	268434	43.71	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.53	131	210096	29.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	825778	43.47	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	1039927	41.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	120243	38.28	ng/ul	-0.01
57) Fluorene-d10	15.25	176	720099	43.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	157425	44.29	ng/ul	0.00
70) Anthracene-d10	17.10	188	1131465	41.70	ng/ul	0.00
78) Pyrene-d10	19.41	212	1239974	37.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1494224	41.67	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	27366	14.200	ng/uL	96
4) Benzaldehyde	6.77	77	52683m	14.269	ng/ul	
6) Phenol	6.83	94	307959	45.221	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	230606	44.027	ng/ul	96
10) 2-Chlorophenol	7.18	128	245378	44.481	ng/ul	95
11) 2-Methylphenol	8.06	108	240558	47.040	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	334835	40.814	ng/ul	99
14) Acetophenone	8.43	105	387717	48.113	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.41	70	196832	48.603	ng/ul	98
16) 4-Methylphenol	8.39	108	263037	48.495	ng/ul	100
17) Hexachloroethane	8.66	117	89597	40.401	ng/ul	97
20) Nitrobenzene	8.80	77	276207	39.529	ng/ul	98
21) Isophorone	9.32	82	565952	43.902	ng/ul	99
23) 2-Nitrophenol	9.50	139	151431	42.989	ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	289189	41.635	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	342519	42.226	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	256241	42.991	ng/ul	99
28) Naphthalene	10.42	128	815366	40.764	ng/ul	99
30) 4-Chloroaniline	10.55	127	211157	29.684	ng/ul	97
31) Hexachlorobutadiene	10.70	225	147901	38.848	ng/ul	94
32) Caprolactam	11.32	113	91786m	50.137	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	277405	45.644	ng/ul	95
34) 2-Methylnaphthalene	12.05	142	612552	43.813	ng/ul	99

SJ 10/20/18

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 19 16:13:37 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD04017

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	311248	38.605 ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	125743	34.852 ng/ul	95
38) 2,4,6-Trichlorophenol	12.68	196	207209	40.285 ng/ul	94
39) 2,4,5-Trichlorophenol	12.76	196	219059	40.665 ng/ul	100
40) 1,1'-Biphenyl	13.07	154	795313	39.786 ng/ul	98
41) 2-Chloronaphthalene	13.11	162	627135	39.986 ng/ul	98
42) 2-Nitroaniline	13.34	65	187601	43.079 ng/ul	94
44) Dimethylphthalate	13.71	163	804434	43.386 ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	176359	47.212 ng/ul	97
47) Acenaphthylene	13.96	152	960790	41.227 ng/ul	99
48) 3-Nitroaniline	14.17	138	152559	41.885 ng/ul	94
49) Acenaphthene	14.31	153	671561	40.680 ng/ul	99
50) 2,4-Dinitrophenol	14.41	184	89593	45.365 ng/ul	99
52) 4-Nitrophenol	14.52	109	75320	34.460 ng/ul	95
53) Dibenzofuran	14.65	168	948750	41.796 ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	252870	47.850 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.89	232	192538	45.152 ng/ul	98
56) Diethylphthalate	15.08	149	809839	44.581 ng/ul	98
58) Fluorene	15.30	166	784281	43.135 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	394758	43.419 ng/ul	98
60) 4-Nitroaniline	15.35	138	176471	45.698 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.42	198	157496	43.875 ng/ul#	99
64) N-Nitrosodiphenylamine	15.52	169	689836	39.119 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	250332	40.178 ng/ul	99
66) Hexachlorobenzene	16.32	284	282551	41.514 ng/ul	99
67) Atrazine	16.48	200	249301	41.333 ng/ul	98
68) Pentachlorophenol	16.67	266	117912	37.196 ng/ul	98
69) Phenanthrene	17.05	178	1270701	40.583 ng/ul	99
71) Anthracene	17.14	178	1303512	41.059 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	312618	32.200 ng/uL	97
73) Pentachlorobenzene	14.57	250	317832	36.665 ng/uL	99
74) Carbazole	17.42	167	1180524	43.332 ng/ul	99
75) Di-n-butylphthalate	17.97	149	1440473	44.067 ng/ul	100
76) Fluoranthene	19.07	202	1516997	45.418 ng/ul	100
79) Pyrene	19.44	202	1525044	36.739 ng/ul	98
80) Butylbenzylphthalate	20.35	149	686175	39.724 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.14	252	534588	42.162 ng/ul	99
82) Benzo(a)anthracene	21.20	228	1562267	40.000 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	1020170	40.681 ng/ul	100
84) Chrysene	21.26	228	1475883	40.316 ng/ul	100
86) Di-n-octyl phthalate	22.00	149	1785400	39.649 ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	1663903	39.993 ng/ul	100
88) Benzo(k)fluoranthene	22.82	252	1574009	40.552 ng/ul	99
90) Benzo(a)pyrene	23.34	252	1595998	40.577 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.64	276	1928270	41.410 ng/ul	98
92) Dibenzo(a,h)anthracene	25.64	278	1614804	41.156 ng/ul	98
93) Benzo(g,h,i)perylene	26.31	276	1627072	41.799 ng/ul	100

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