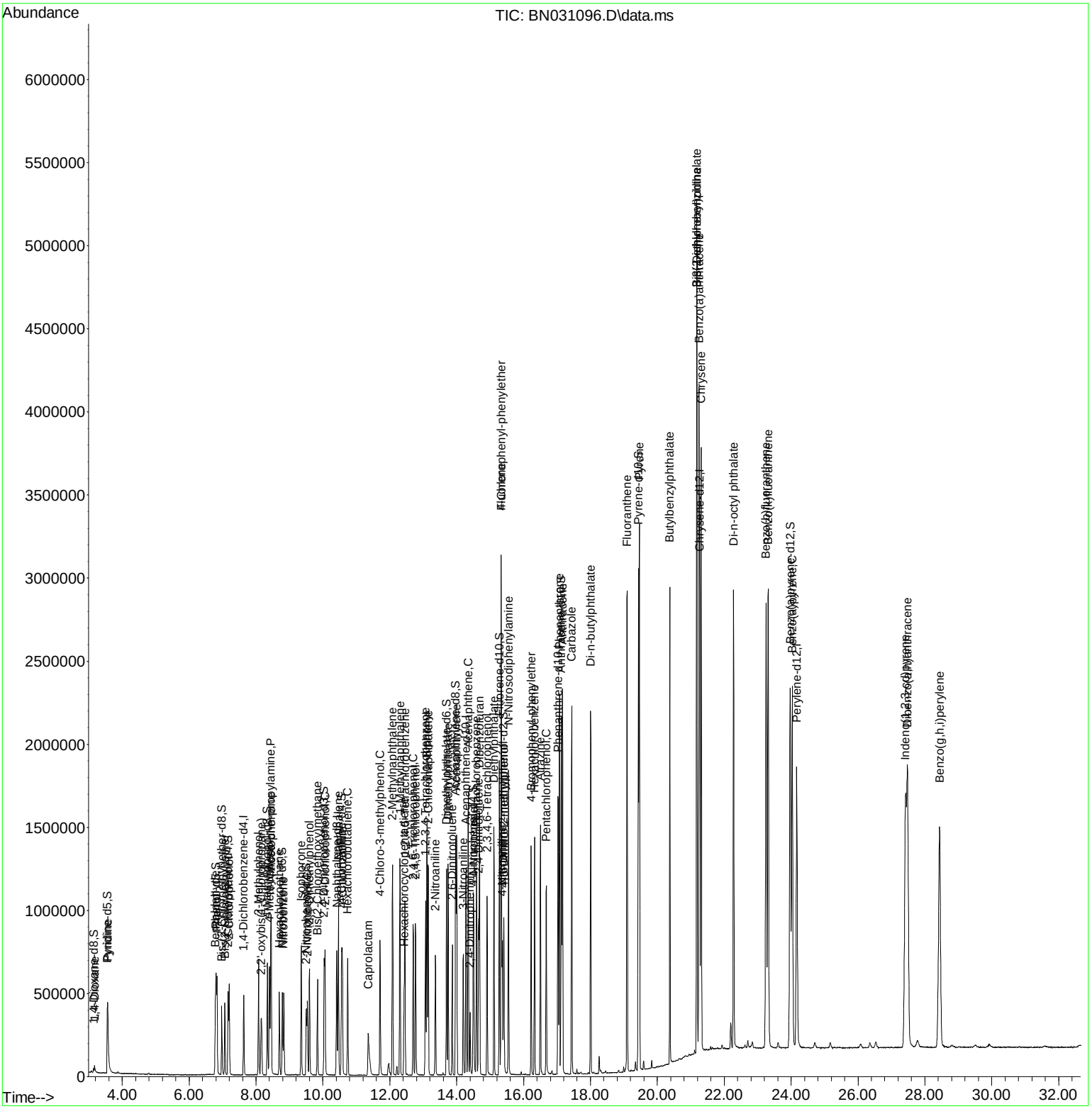
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031096.D
Acq On : 21 Apr 2024 05:58
Operator : MA/JU
Sample : PB160292BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 21 14:28:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS292

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024



Quantitation Report (Qedit)

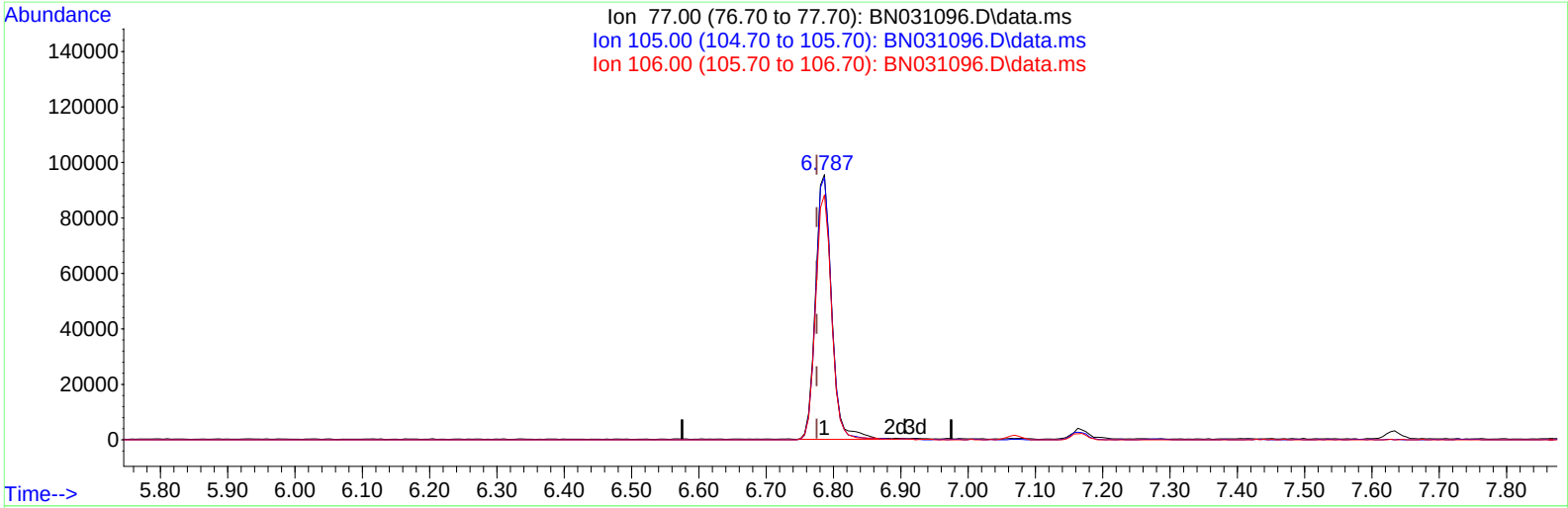
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031096.D
Acq On : 21 Apr 2024 05:58
Operator : MA/JU
Sample : PB160292BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

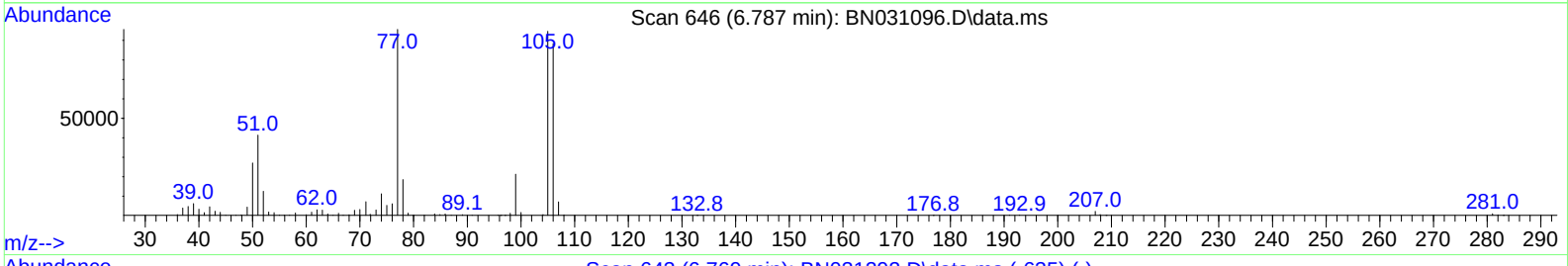
Quant Time: May 01 05:38:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 22:57:25 2024
Response via : Initial Calibration

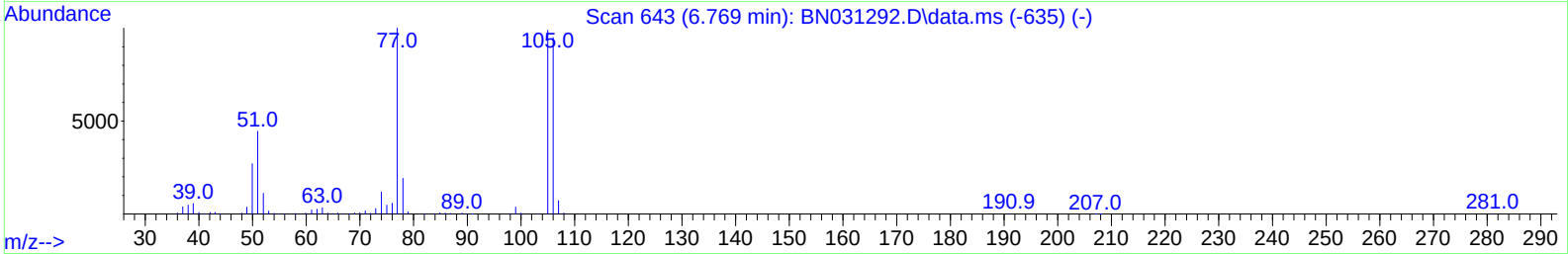
Instrument :
BNA_N
ClientSampleId :
SLCS292

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031096.D\data.ms

(6) Benzaldehyde

6.787min (+ 0.011) 29.39 ng/ul

response 158272

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	98.98
106.00	93.80	92.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN031096.D
Acq On : 21 Apr 2024 05:58
Operator : MA/JU
Sample : PB160292BS
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Quant Time: Apr 21 14:28:08 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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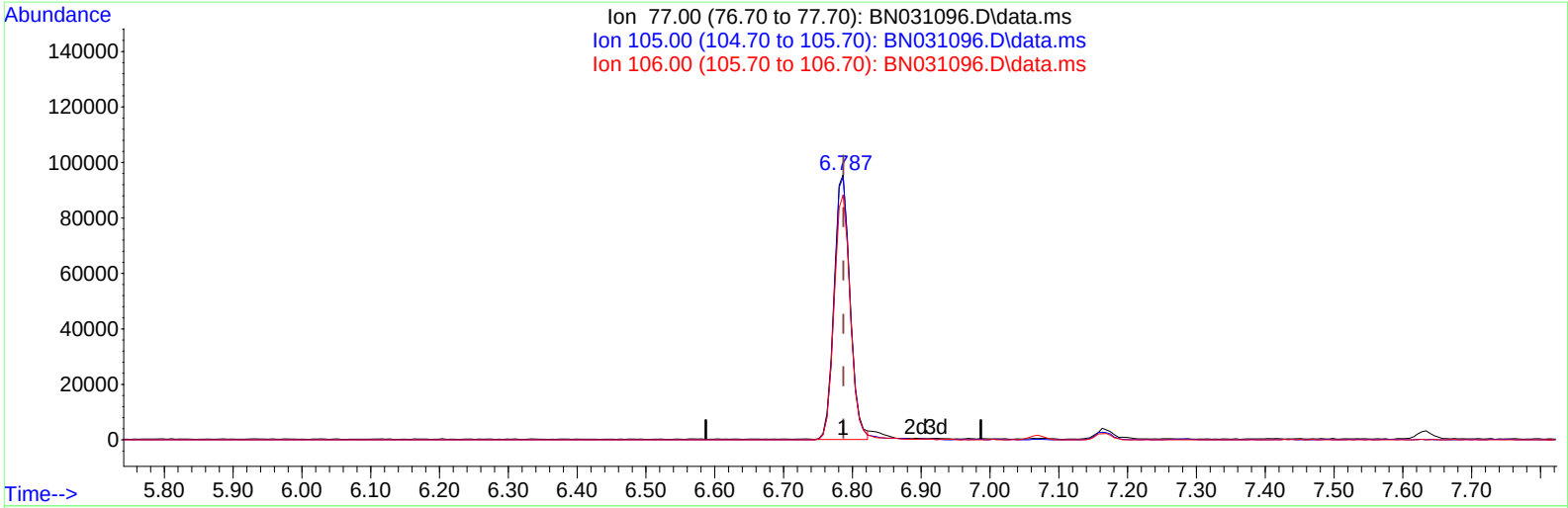
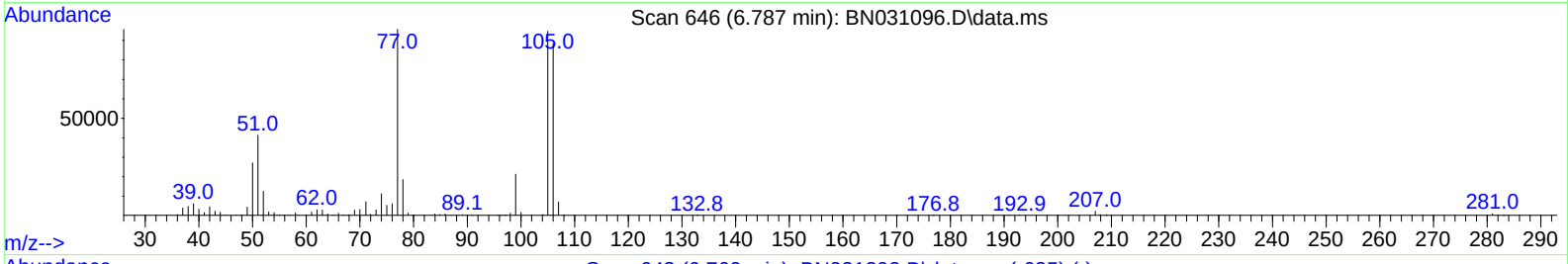
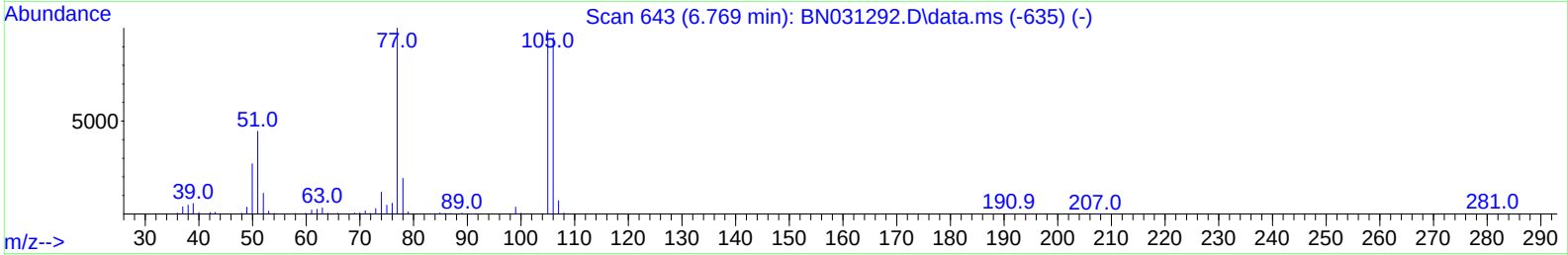
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031096.D\data.ms

(6) Benzaldehyde

6.787min (-0.000) 28.60 ng/ul m

response 154071

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.00	98.98
106.00	93.80	92.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031096.D
Acq On : 21 Apr 2024 05:58
Operator : MA/JU
Sample : PB160292BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 21 14:27:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
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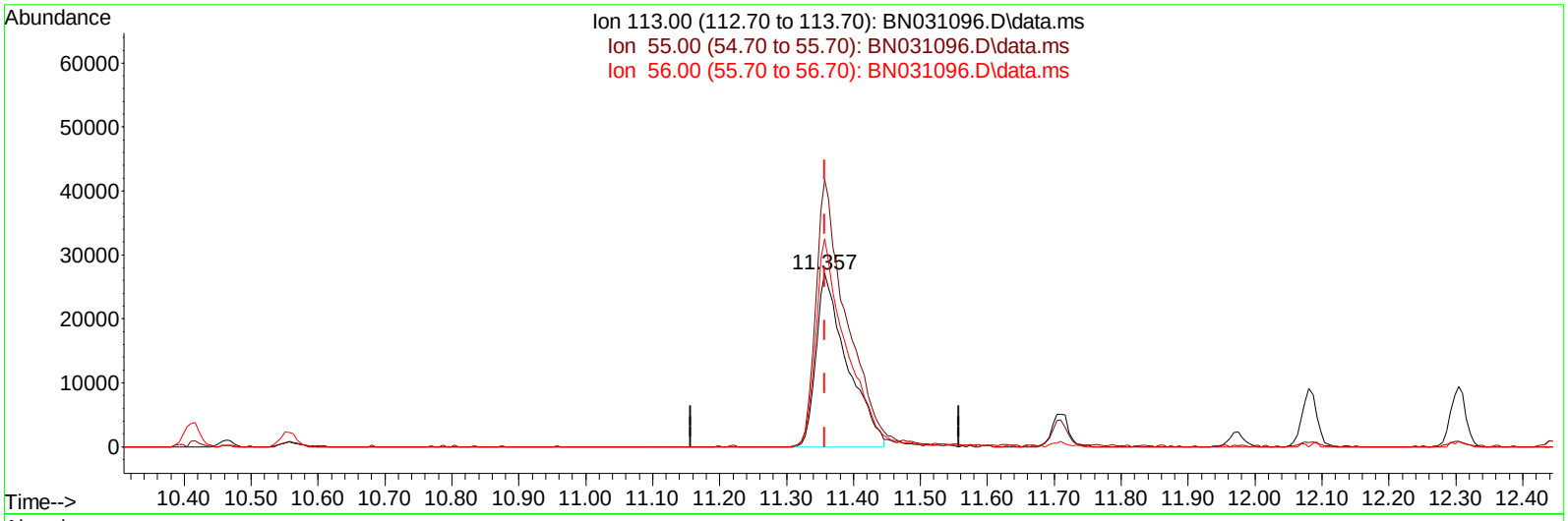

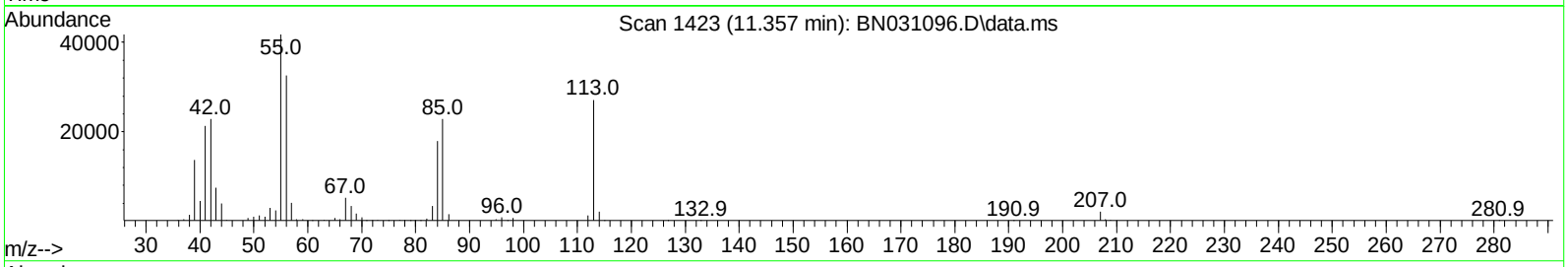

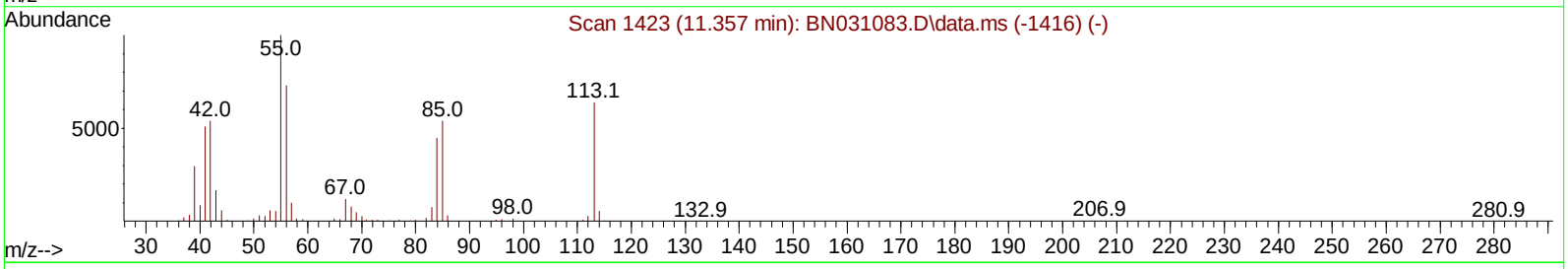

TIC: BN031096.D\data.ms

(34) Caprolactam

11.357min (-0.000) 24.40 ng/ul

response 86950

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	154.06
56.00	110.00	120.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
Data File : BN031096.D
Acq On : 21 Apr 2024 05:58
Operator : MA/JU
Sample : PB160292BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 21 14:27:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
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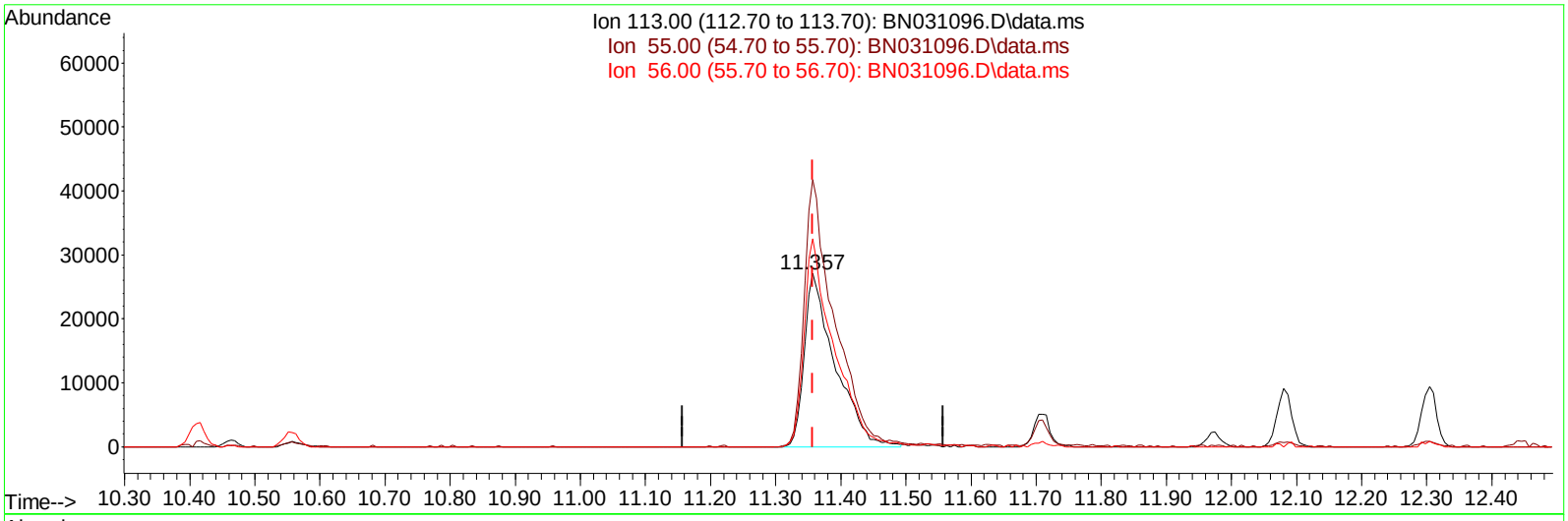
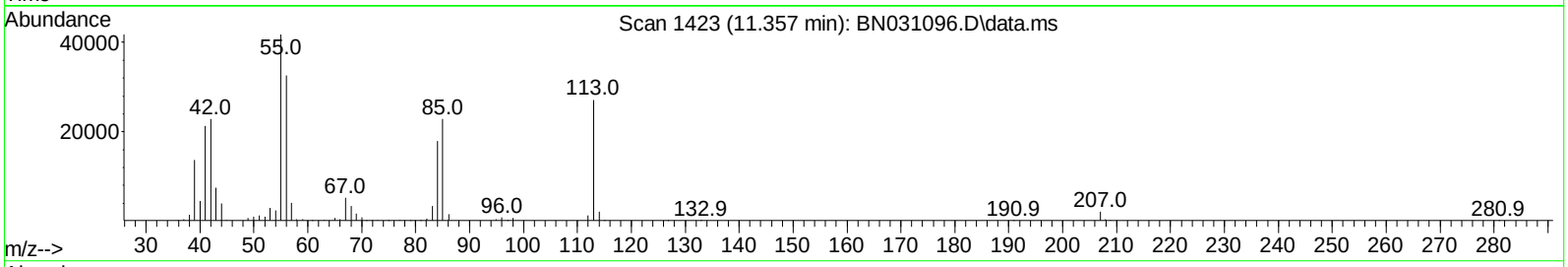
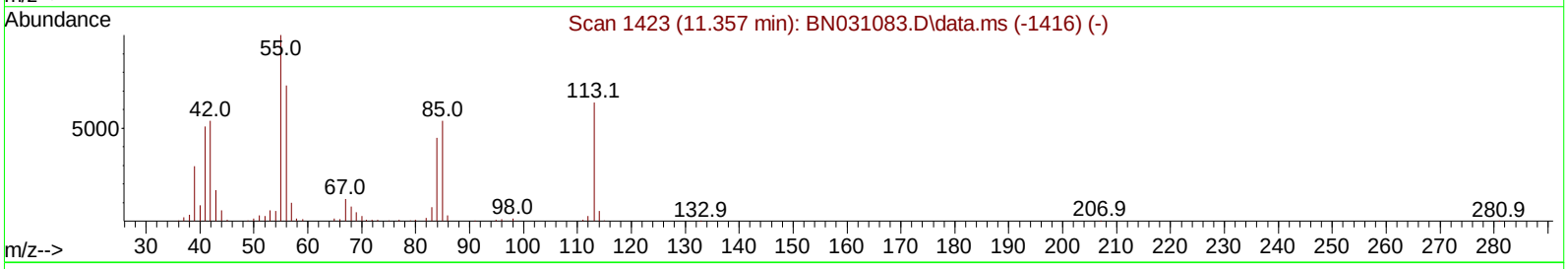
BNA_N
ClientSampleId :
SLCS292

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024







TIC: BN031096.D\data.ms

(34) Caprolactam

11.357min (-0.000) 24.92 ng/ul m

response 88789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.50	154.06
56.00	110.00	120.19
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	130073	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	614723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	428774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.027	188	970794	20.000	ng/ul	0.00
79) Chrysene-d12	21.268	240	1100299	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1451257	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	17233	6.190	ng/uL	0.00
4) Pyridine-d5	3.551	84	197799	24.670	ng/ul	0.00
7) Phenol-d5	6.804	99	302260	27.547	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	171512	26.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	234482	27.446	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	241262	26.145	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	117643	26.636	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	125150	27.259	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	249994	27.612	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	365931	25.864	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	787067	26.379	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	934046	27.625	ng/ul	0.00
54) 4-Nitrophenol-d4	14.492	143	175560	28.191	ng/ul	0.00
60) Fluorene-d10	15.274	176	713538	27.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	125343	25.591	ng/ul	0.00
73) Anthracene-d10	17.127	188	1165143	27.690	ng/ul	0.00
81) Pyrene-d10	19.433	212	1536307	28.414	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1947162	28.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	25329	8.585	ng/uL#	85
5) Pyridine	3.569	79	208579	25.779	ng/ul	99
6) Benzaldehyde	6.787	77	154071m	28.597	ng/ul	
8) Phenol	6.834	94	310003	27.403	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.069	93	232193	26.014	ng/ul	99
12) 2-Chlorophenol	7.198	128	242328	27.288	ng/ul	99
13) 2-Methylphenol	8.075	108	229495	26.178	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.151	45	303217	26.056	ng/ul	99
16) Acetophenone	8.451	105	378566	26.478	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.439	70	181710	25.498	ng/ul	98
18) 4-Methylphenol	8.404	108	261576	26.637	ng/ul	97
19) Hexachloroethane	8.698	117	93682	25.423	ng/ul	97
22) Nitrobenzene	8.828	77	272856	26.175	ng/ul	97
23) Isophorone	9.351	82	531795	24.998	ng/ul	99
25) 2-Nitrophenol	9.534	139	136851	26.942	ng/ul	95
26) 2,4-Dimethylphenol	9.598	107	212921	20.554	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.839	93	331539	25.658	ng/ul	99
29) 2,4-Dichlorophenol	10.063	162	246471	27.256	ng/ul	98
30) Naphthalene	10.463	128	818104	25.679	ng/ul	100
32) 4-Chloroaniline	10.581	127	334582	24.338	ng/ul	99
33) Hexachlorobutadiene	10.739	225	138491	25.122	ng/ul	98
34) Caprolactam	11.357	113	88789m	24.920	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	278530	26.565	ng/ul	98

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.080	142	587523	26.151	ng/ul	98
37) 1-Methylnaphthalene	12.304	142	598386	26.322	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.451	216	295726	26.358	ng/ul	99
40) Hexachlorocyclopentadiene	12.427	237	108227	17.560	ng/ul	94
41) 2,4,6-Trichlorophenol	12.698	196	199483	26.712	ng/ul	92
42) 2,4,5-Trichlorophenol	12.769	196	227045	27.421	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	784957	26.619	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	616554	26.165	ng/ul	97
45) 2-Nitroaniline	13.363	65	178501	27.439	ng/ul	99
47) Dimethylphthalate	13.745	163	787828	25.594	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	153211	26.516	ng/ul	96
50) Acenaphthylene	13.998	152	1014306	25.682	ng/ul	100
51) 3-Nitroaniline	14.198	138	181054	27.294	ng/ul	92
52) Acenaphthene	14.345	153	665122	25.404	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	72771	22.270	ng/ul	97
55) 4-Nitrophenol	14.510	109	139613	27.624	ng/ul	96
56) Dibenzofuran	14.680	168	951542	26.286	ng/ul	99
57) 2,4-Dinitrotoluene	14.657	165	244066	27.799	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.910	232	194340	27.158	ng/ul	98
59) Diethylphthalate	15.116	149	827382	26.136	ng/ul	99
61) Fluorene	15.333	166	774001	25.982	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.333	204	358141	25.240	ng/ul	99
63) 4-Nitroaniline	15.363	138	211579	29.583	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	136249	25.907	ng/ul#	97
67) N-Nitrosodiphenylamine	15.551	169	686633	26.388	ng/ul	99
68) 4-Bromophenyl-phenylether	16.227	248	233320	25.414	ng/ul	93
69) Hexachlorobenzene	16.327	284	274565	25.941	ng/ul	98
70) Atrazine	16.504	200	249715	27.335	ng/ul	99
71) Pentachlorophenol	16.680	266	185890	27.032	ng/ul	97
72) Phenanthrene	17.074	178	1337239	26.043	ng/ul	99
74) Anthracene	17.163	178	1320583	25.414	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	302778	26.590	ng/uL	96
76) Pentachlorobenzene	14.592	250	307642	26.163	ng/uL	96
77) Carbazole	17.439	167	1331066	28.043	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1549232	26.777	ng/ul	99
80) Fluoranthene	19.098	202	1737895	27.159	ng/ul	100
82) Pyrene	19.462	202	1864237	27.727	ng/ul	99
83) Butylbenzylphthalate	20.374	149	811309	27.347	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.180	252	614322	26.795	ng/ul	93
85) Benzo(a)anthracene	21.251	228	2060461	27.577	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1202915	27.005	ng/ul	98
87) Chrysene	21.309	228	1966228	27.723	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2278615	27.239	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	2287137	28.009	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	2416349	29.422	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1993776	24.475	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.415	276	2761617	27.320	ng/ul	99
95) Dibenzo(a,h)anthracene	27.485	278	2257445	27.208	ng/ul	96
96) Benzo(g,h,i)perylene	28.438	276	2137096	26.253	ng/ul	99

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