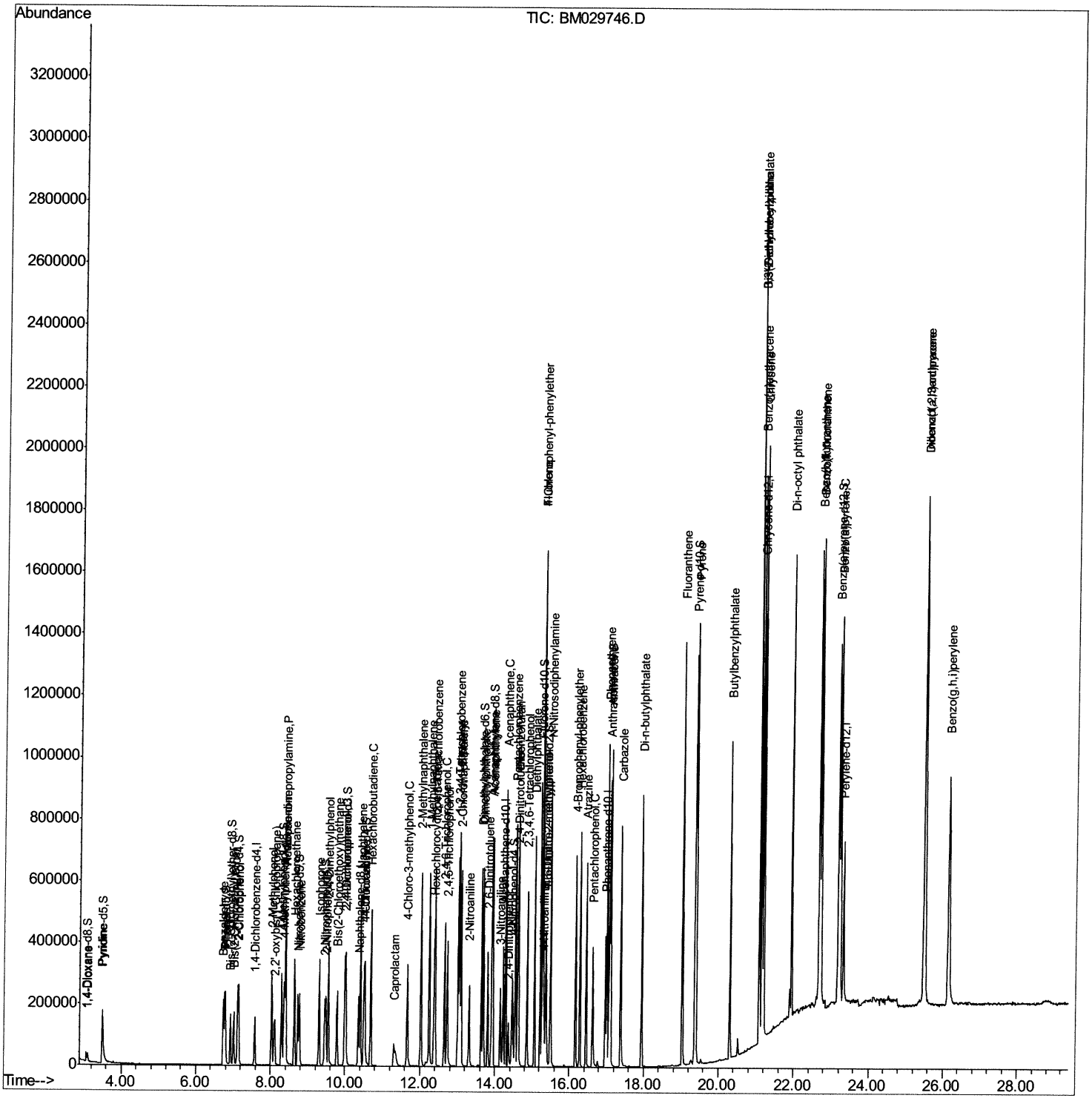
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 14:35:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM



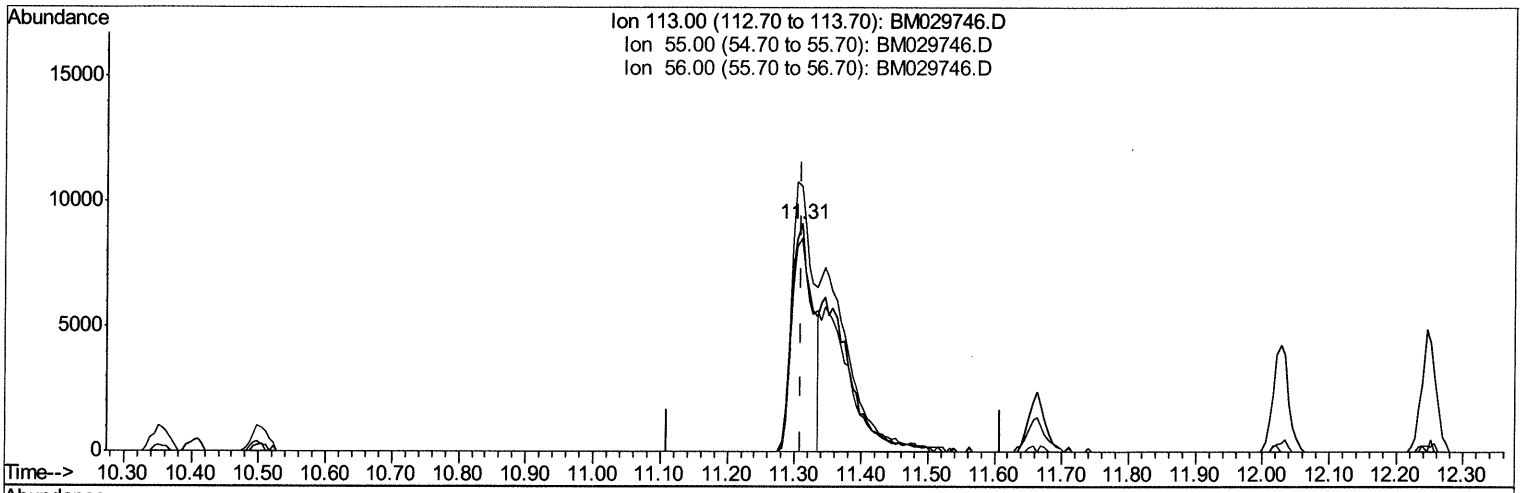
Quantitation Report (Qedit)

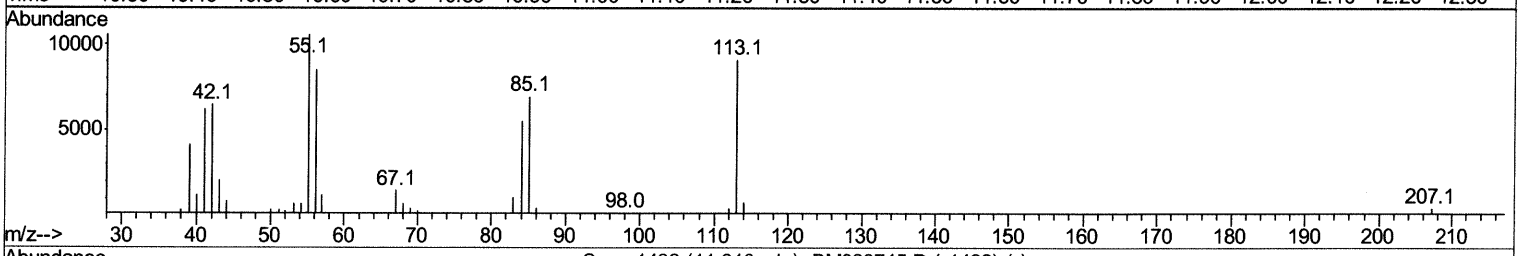
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

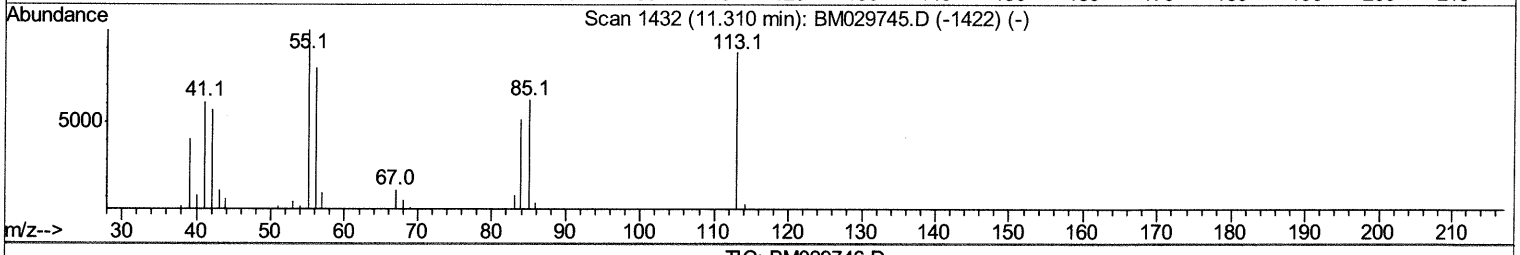
Quant Time: May 01 14:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM







TIC: BM029746.D

(34) Caprolactam

11.310min (-0.000) 24.67ng/ul

response 19318

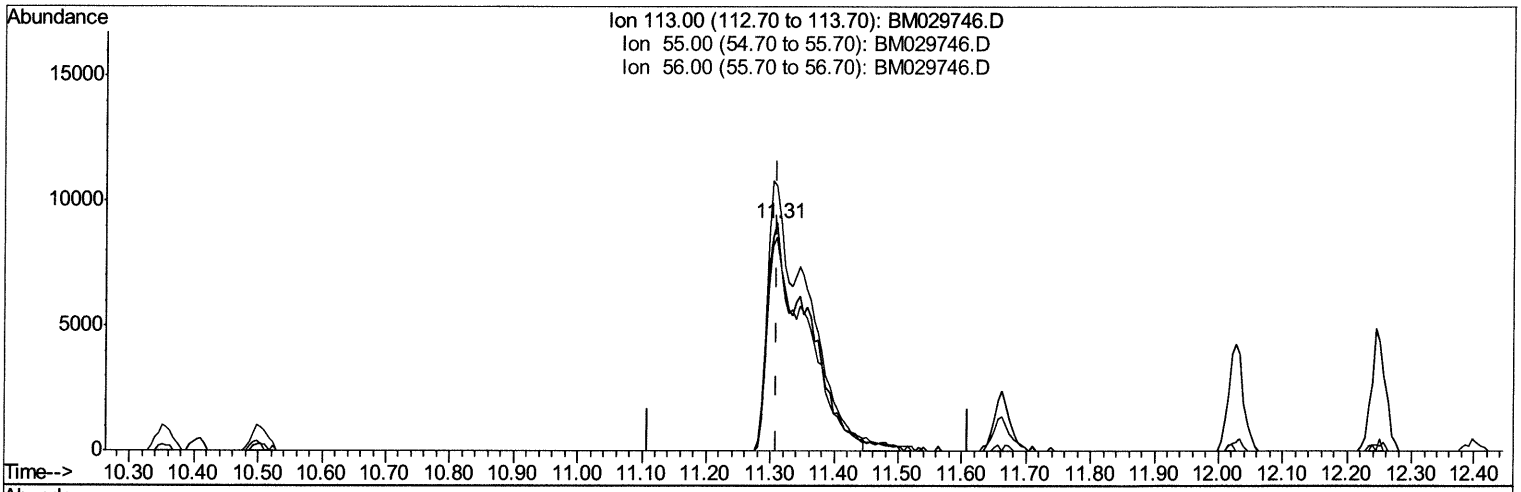
Ion	Exp%	Act%
113.00	100	100
55.00	113.50	116.03
56.00	90.40	93.56
0.00	0.00	0.00

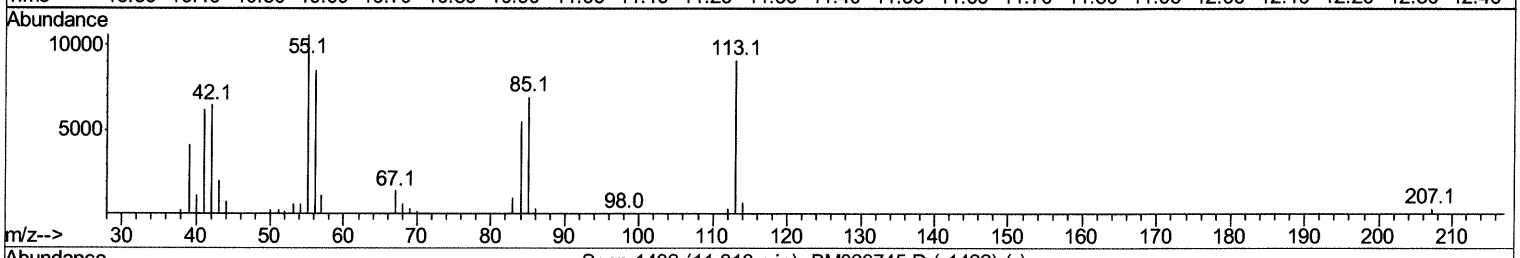
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

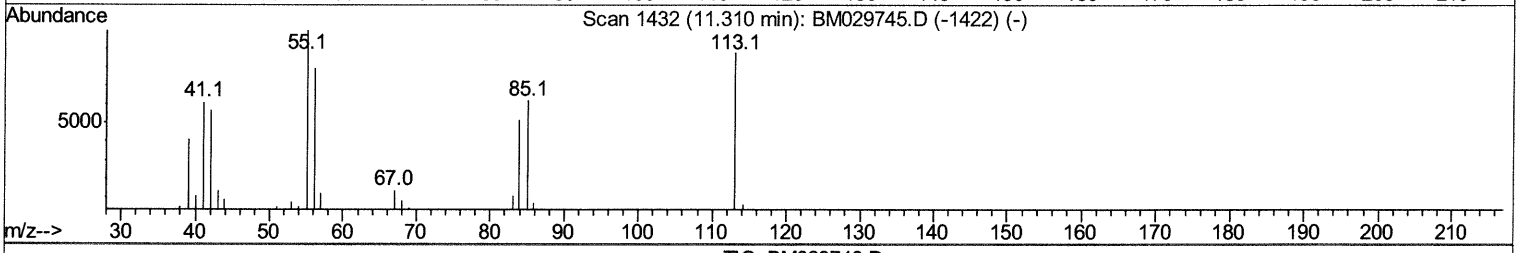
Quant Time: May 01 14:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM







TIC: BM029746.D

(34) Caprolactam

11.310min (-0.000) 48.77ng/ul m 05/04/21 JU

response 38192

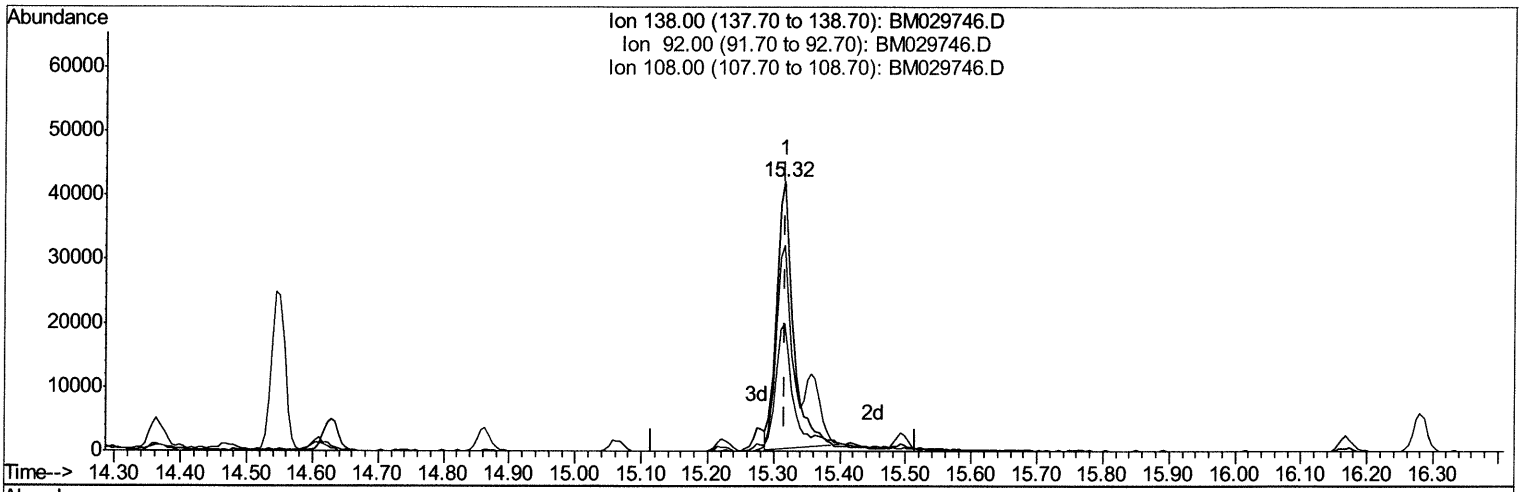
Ion	Exp%	Act%
113.00	100	100
55.00	113.50	116.03
56.00	90.40	93.56
0.00	0.00	0.00

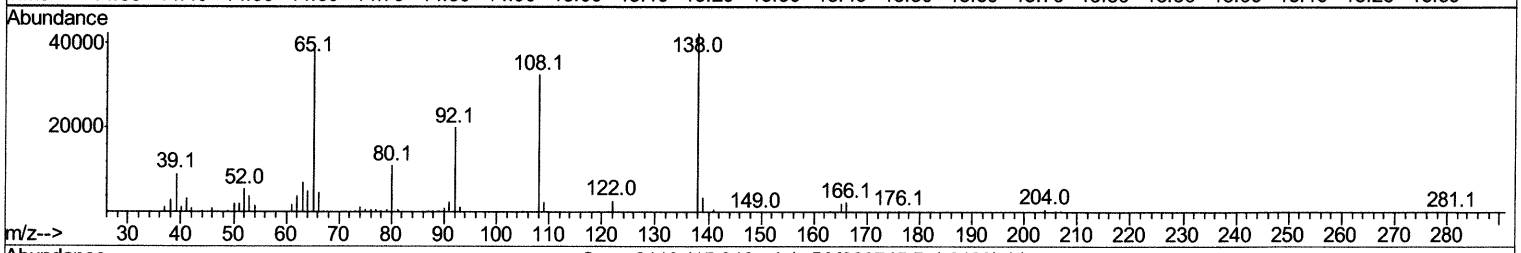
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

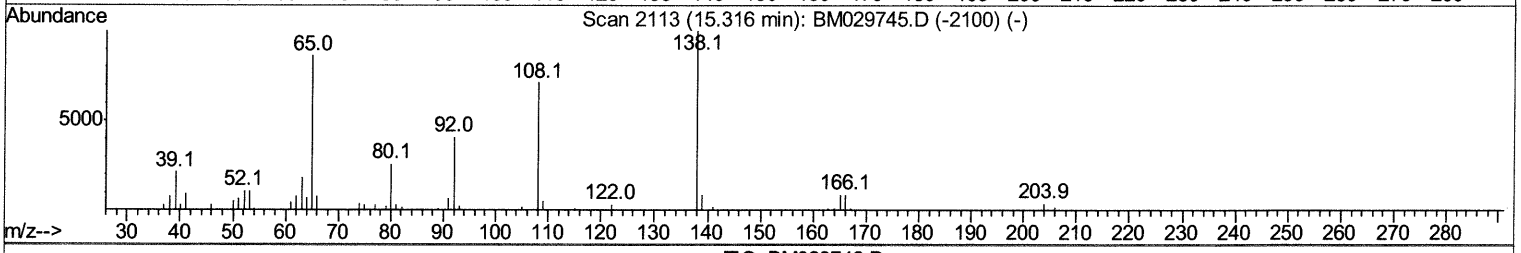
Quant Time: May 01 14:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM







TIC: BM029746.D

(63) 4-Nitroaniline

15.315min (-0.000) 38.25ng/ul

response 74395

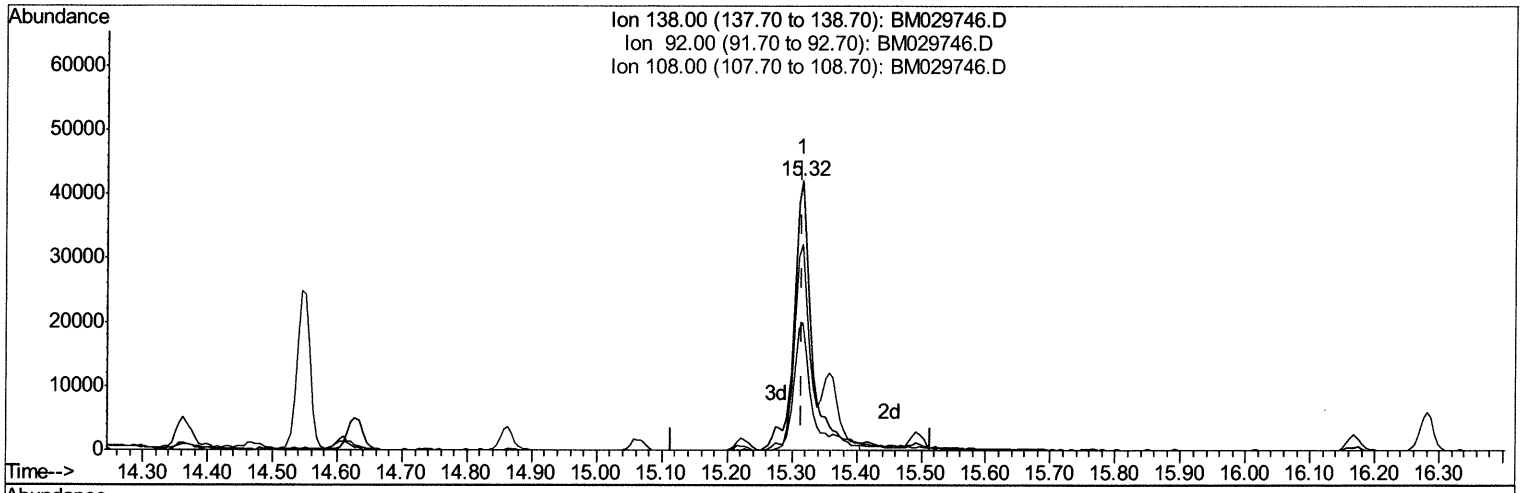
Ion	Exp%	Act%
138.00	100	100
92.00	42.50	47.42
108.00	71.00	76.55
0.00	0.00	0.00

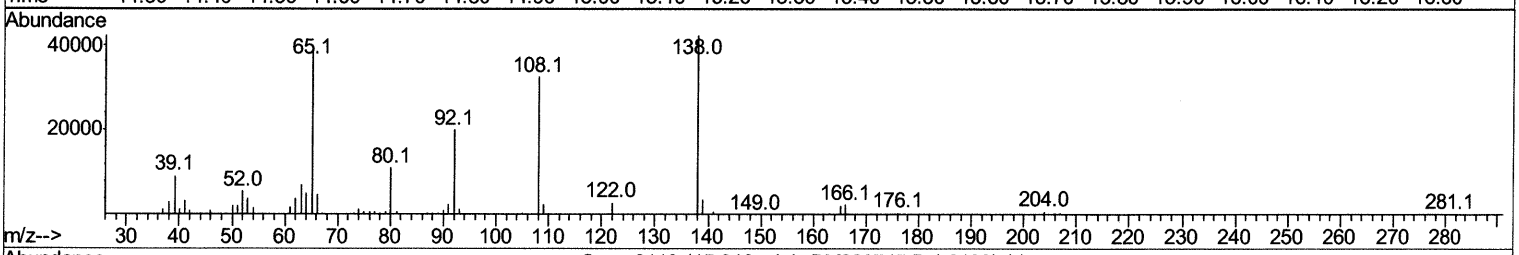
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

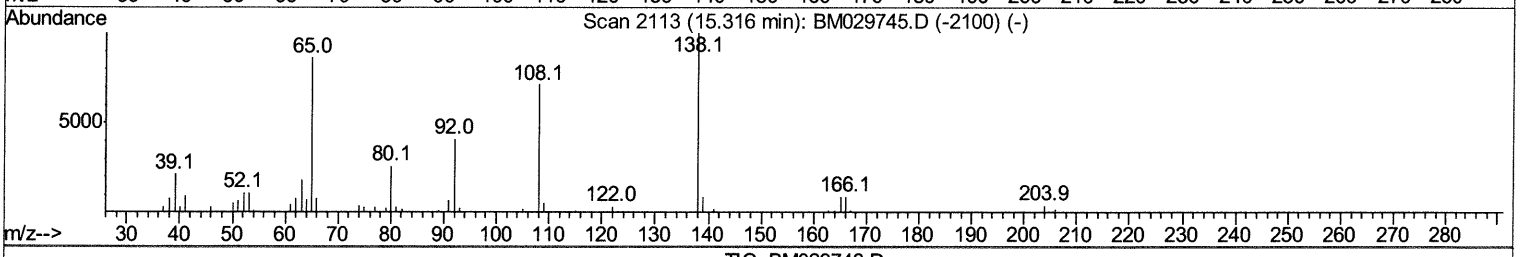
Quant Time: May 01 14:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM







TIC: BM029746.D

(63) 4-Nitroaniline

15.315min (-0.000) 43.11ng/ul m 05/04/21 JU

response 83848

Ion	Exp%	Act%
138.00	100	100
92.00	42.50	47.42
108.00	71.00	76.55
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM

Quant Time: May 01 14:35:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	50409	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	191600	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	140296	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	284641	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	361415	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	380520	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	15472	12.06	ng/uL	0.00
4) Pyridine-d5	3.49	84	83988	25.06	ng/ul	0.00
7) Phenol-d5	6.76	99	130340	32.74	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	69929	30.39	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	123650	39.91	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	117815	38.13	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	61327	50.32	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	77158	66.41	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	158085	51.93	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	166464	38.65	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	460753	43.55	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	565949	45.24	ng/ul	0.00
54) 4-Nitrophenol-d4	14.46	143	59532	34.55	ng/ul	0.00
60) Fluorene-d10	15.22	176	385987	42.39	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	90636	67.54	ng/ul	0.00
73) Anthracene-d10	17.07	188	595499	43.81	ng/ul	0.00
81) Pyrene-d10	19.37	212	732435	43.42	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	924296	45.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	15277	11.866	ng/uL	97
5) Pyridine	3.50	79	90844	26.380	ng/ul	96
6) Benzaldehyde	6.73	77	77567	36.308	ng/ul	97
8) Phenol	6.79	94	127842	30.555	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	101298	32.765	ng/ul	98
12) 2-Chlorophenol	7.15	128	120880	36.567	ng/ul	99
13) 2-Methylphenol	8.03	108	110166	35.696	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.12	45	107815	26.607	ng/ul	98
16) Acetophenone	8.40	105	177198	35.088	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	90928	37.853	ng/ul	99
18) 4-Methylphenol	8.36	108	121097	36.953	ng/ul	100
19) Hexachloroethane	8.64	117	56694	40.042	ng/ul	95
22) Nitrobenzene	8.77	77	132910	37.407	ng/ul	98
23) Isophorone	9.30	82	251840	39.672	ng/ul	99
25) 2-Nitrophenol	9.48	139	79688	59.535	ng/ul	98
26) 2,4-Dimethylphenol	9.55	107	142843	39.269	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	147473	38.888	ng/ul	96
29) 2,4-Dichlorophenol	10.02	162	146221	47.455	ng/ul	94
30) Naphthalene	10.40	128	411435	39.638	ng/ul	98
32) 4-Chloroaniline	10.53	127	164054	37.453	ng/ul	96
33) Hexachlorobutadiene	10.69	225	119959	54.217	ng/ul	97
34) Caprolactam	11.31	113	38192m>	48.768	ng/ul>	05/04/21 JU

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM

Quant Time: May 01 14:35:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.66	107	124626	41.636 ng/ul	99
36) 2-Methylnaphthalene	12.03	142	322795	44.021 ng/ul	98
37) 1-Methylnaphthalene	12.25	142	310966	42.952 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	222372	45.873 ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	109648	34.434 ng/ul	95
41) 2,4,6-Trichlorophenol	12.65	196	133971	50.261 ng/ul	95
42) 2,4,5-Trichlorophenol	12.73	196	140182	49.386 ng/ul	98
43) 1,1'-Biphenyl	13.06	154	438546	38.397 ng/ul	99
44) 2-Chloronaphthalene	13.09	162	349170	38.725 ng/ul	99
45) 2-Nitroaniline	13.31	65	74593	38.561 ng/ul	96
47) Dimethylphthalate	13.69	163	443202	40.924 ng/ul	100
48) 2,6-Dinitrotoluene	13.82	165	92731	55.018 ng/ul	96
50) Acenaphthylene	13.94	152	529801	40.954 ng/ul	99
51) 3-Nitroaniline	14.14	138	81766	43.868 ng/ul	99
52) Acenaphthene	14.29	153	358586	37.328 ng/ul	98
53) 2,4-Dinitrophenol	14.36	184	48021	53.095 ng/ul	94
55) 4-Nitrophenol	14.47	109	44259	26.995 ng/ul	87
56) Dibenzofuran	14.63	168	540028	40.452 ng/ul	100
57) 2,4-Dinitrotoluene	14.61	165	133670	55.578 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.86	232	133518	58.700 ng/ul	99
59) Diethylphthalate	15.06	149	429353	40.267 ng/ul	99
61) Fluorene	15.28	166	450096	40.296 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	252938	45.115 ng/ul	97
63) 4-Nitroaniline	15.32	138	83848m>	43.105 ng/ul>	05/04/21 JU
66) 4,6-Dinitro-2-methylphenol	15.37	198	86856	61.535 ng/ul#	95
67) N-Nitrosodiphenylamine	15.49	169	390941	42.995 ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	156361	51.622 ng/ul	97
69) Hexachlorobenzene	16.28	284	168052	49.805 ng/ul	100
70) Atrazine	16.45	200	149500	42.919 ng/ul	99
71) Pentachlorophenol	16.63	266	88253	46.060 ng/ul	98
72) Phenanthrene	17.02	178	667239	39.706 ng/ul	100
74) Anthracene	17.10	178	690480	39.987 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	231398	50.339 ng/uL	99
76) Pentachlorobenzene	14.55	250	216096	48.152 ng/uL	97
77) Carbazole	17.38	167	590851	37.175 ng/ul	99
78) Di-n-butylphthalate	17.95	149	680373	41.444 ng/ul	99
80) Fluoranthene	19.03	202	872833	40.277 ng/ul	99
82) Pyrene	19.40	202	902266	39.720 ng/ul	99
83) Butylbenzylphthalate	20.30	149	328293	41.128 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.08	252	390034	52.112 ng/ul	100
85) Benzo(a)anthracene	21.14	228	978856	41.983 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.08	149	552687	42.138 ng/ul	99
87) Chrysene	21.19	228	981033	43.036 ng/ul	100
89) Di-n-octyl phthalate	21.94	149	975604	40.192 ng/ul	100
90) Benzo(b)fluoranthene	22.68	252	1037299	42.180 ng/ul	100
91) Benzo(k)fluoranthene	22.72	252	1061363	43.194 ng/ul	99
93) Benzo(a)pyrene	23.23	252	932865	41.862 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.50	276	1187343	39.623 ng/ul	100
95) Dibenzo(a,h)anthracene	25.51	278	998900	39.509 ng/ul	99
96) Benzo(g,h,i)perylene	26.16	276	966953	39.343 ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM050121\
Data File : BM029746.D
Acq On : 01 May 2021 14:00
Operator : CG/JU
Sample : SSTD04012
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 14:35:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040012

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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