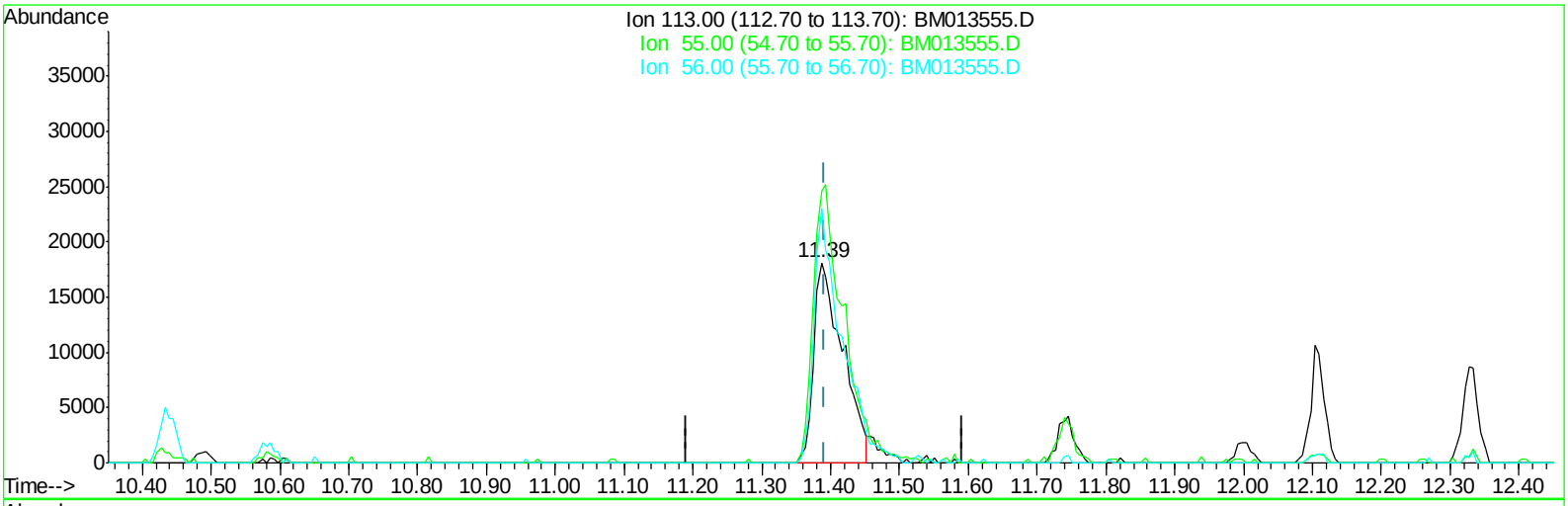
Quantitation Report (Qedit)

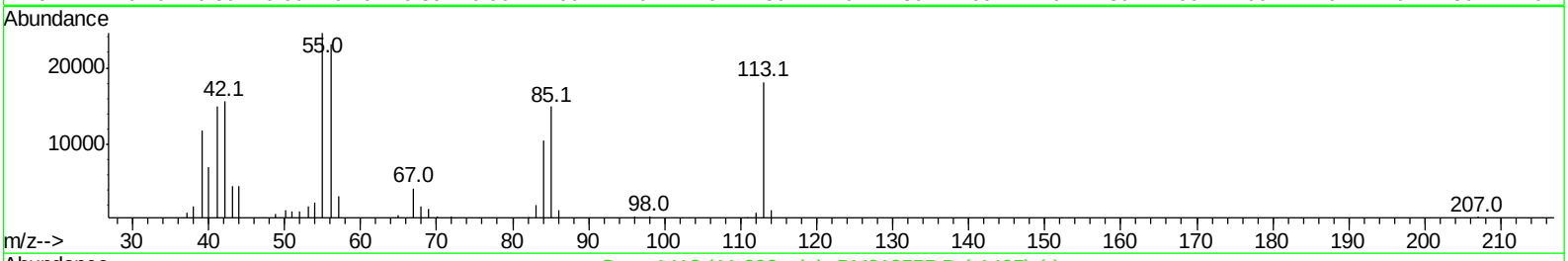
Data Path : U:\HPCHEM1\BNA M\Data\BM010418\
Data File : BM013555.D
Acq On : 04 Jan 2018 13:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

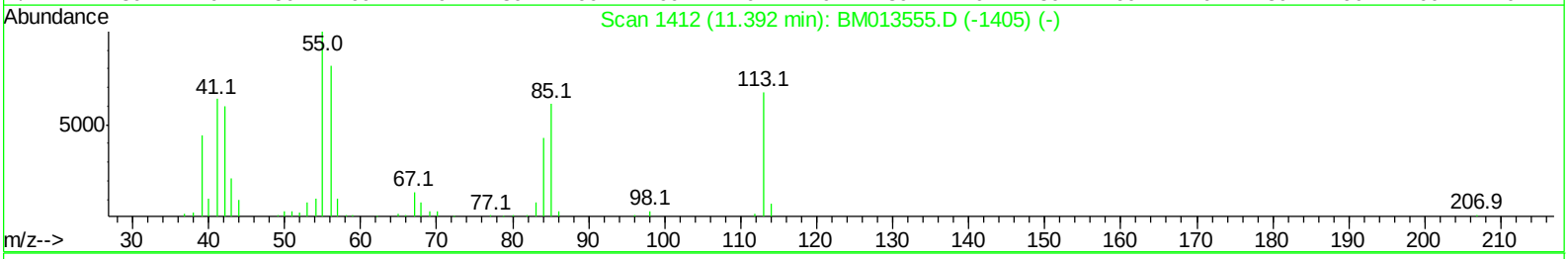
Quant Time: Jan 04 16:24:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/5/2018 10:34:20 AM







TIC: BM013555.D

(32) Caprolactam

11.386min (-0.006) 15.06ng/ul

response 52466

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	135.53#
56.00	200.00	127.01#
0.00	0.00	0.00

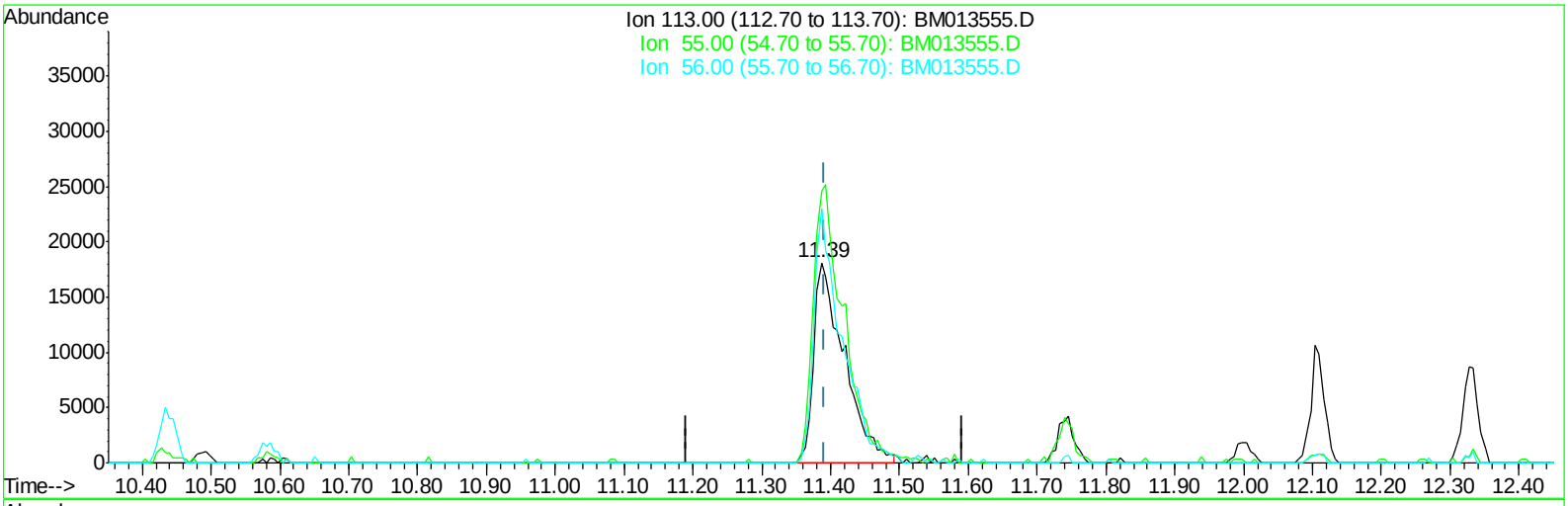
Quantitation Report (Qedit)

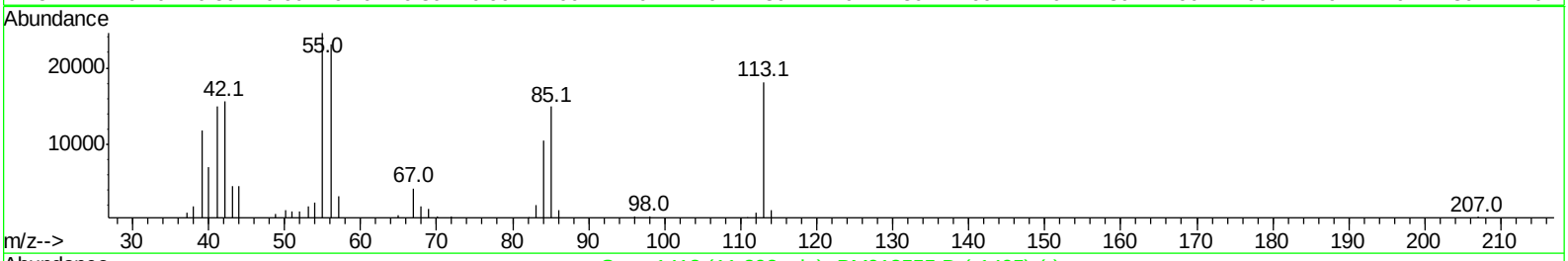
Data Path : U:\HPCHEM1\BNA M\Data\BM010418\
Data File : BM013555.D
Acq On : 04 Jan 2018 13:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

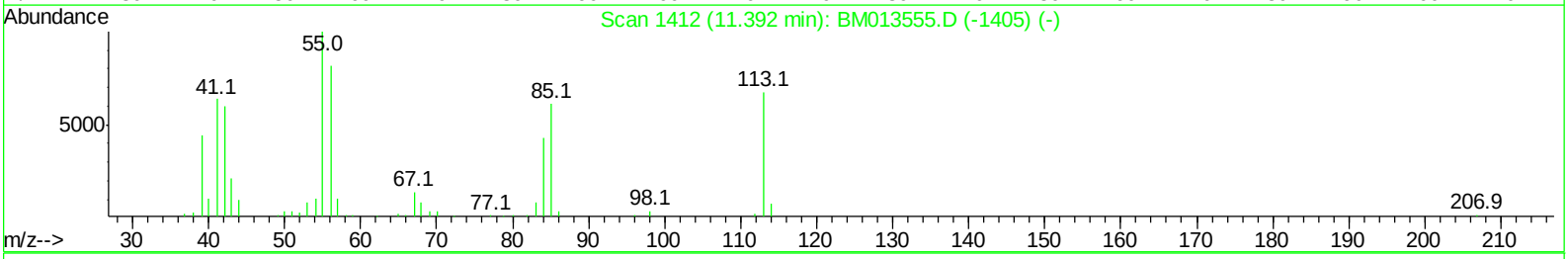
Quant Time: Jan 04 16:24:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/5/2018 10:34:20 AM







TIC: BM013555.D

(32) Caprolactam

11.386min (-0.006) 16.01ng/ul m

response 55767

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	135.53#
56.00	200.00	127.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\Data\BM010418\
Data File : BM013555.D
Acq On : 04 Jan 2018 13:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/5/2018 10:34:20 AM

Quant Time: Jan 04 16:25:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	166089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	674813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	368508	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	762885	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	739856	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	722581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	28661	8.55	ng/uL	0.00
5) Phenol-d5	6.85	99	269213	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	163119	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	222074	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	221254	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	108900	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	117626	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	234348	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	252453	23.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	631839	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	849583	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	83228	14.61	ng/ul	0.00
57) Fluorene-d10	15.30	176	546630	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	77769	16.20	ng/ul	0.00
70) Anthracene-d10	17.16	188	793971	20.78	ng/ul	0.00
76) Pyrene-d10	19.46	212	776862	21.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	736039	20.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	30107	7.997	ng/uL#	66
4) Benzaldehyde	6.82	77	147918	20.803	ng/ul	92
6) Phenol	6.87	94	270330	19.030	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.10	93	210386	19.370	ng/ul	98
10) 2-Chlorophenol	7.23	128	218168	19.814	ng/ul	99
11) 2-Methylphenol	8.11	108	198064	18.027	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	232409	20.379	ng/ul#	81
14) Acetophenone	8.48	105	339425	18.181	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.47	70	173636	18.464	ng/ul#	67
16) 4-Methylphenol	8.43	108	215994	18.384	ng/ul	94
17) Hexachloroethane	8.72	117	98163	20.477	ng/ul#	76
20) Nitrobenzene	8.86	77	267978	19.879	ng/ul	94
21) Isophorone	9.38	82	457977	19.307	ng/ul#	96
23) 2-Nitrophenol	9.56	139	120345	20.268	ng/ul#	83
24) 2,4-Dimethylphenol	9.63	107	250698	19.358	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.86	93	277610	19.997	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	211926	19.439	ng/ul	93
28) Naphthalene	10.49	128	696456	20.060	ng/ul	99
30) 4-Chloroaniline	10.60	127	238881	22.746	ng/ul	92
31) Hexachlorobutadiene	10.77	225	158653	20.091	ng/ul	95
32) Caprolactam	11.39	113	55767m	16.005	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	209844	17.546	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	501869	19.230	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\Data\BM010418\
Data File : BM013555.D
Acq On : 04 Jan 2018 13:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/5/2018 10:34:20 AM

Quant Time: Jan 04 16:25:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	292892	22.027 ng/ul	97
37) Hexachlorocyclopentadiene	12.45	237	197794	22.600 ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	173382	20.915 ng/ul	91
39) 2,4,5-Trichlorophenol	12.81	196	181645	20.628 ng/ul	97
40) 1,1'-Biphenyl	13.13	154	655844	21.058 ng/ul	98
41) 2-Chloronaphthalene	13.17	162	517261	21.170 ng/ul	98
42) 2-Nitroaniline	13.39	65	140315	19.601 ng/ul	99
44) Dimethylphthalate	13.77	163	592941	18.905 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	124271	19.427 ng/ul	98
47) Acenaphthylene	14.03	152	777552	20.763 ng/ul	99
48) 3-Nitroaniline	14.23	138	109033	19.069 ng/ul	89
49) Acenaphthene	14.37	153	524136	20.546 ng/ul	97
50) 2,4-Dinitrophenol	14.44	184	50264	14.199 ng/ul#	89
52) 4-Nitrophenol	14.54	109	85951	15.377 ng/ul	83
53) Dibenzofuran	14.71	168	755393	20.058 ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	165022	17.734 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	151366	18.748 ng/ul	92
56) Diethylphthalate	15.14	149	587831	18.687 ng/ul	94
58) Fluorene	15.36	166	601667	19.312 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	326573	19.313 ng/ul	97
60) 4-Nitroaniline	15.39	138	104467	15.486 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	81058	16.902 ng/ul	95
64) N-Nitrosodiphenylamine	15.57	169	491091	21.853 ng/ul	97
65) 4-Bromophenyl-phenylether	16.25	248	193878	21.619 ng/ul	90
66) Hexachlorobenzene	16.36	284	209382	21.171 ng/ul#	91
67) Atrazine	16.53	200	171244	20.645 ng/ul	96
68) Pentachlorophenol	16.72	266	100589	17.585 ng/ul	97
69) Phenanthrene	17.10	178	906009	20.904 ng/ul	97
71) Anthracene	17.19	178	907093	20.475 ng/ul	99
72) Carbazole	17.47	167	720341	18.904 ng/ul	98
73) Di-n-butylphthalate	18.03	149	866243	19.473 ng/ul	98
74) Fluoranthene	19.12	202	948995	17.867 ng/ul#	92
77) Pyrene	19.49	202	970704	21.596 ng/ul#	90
78) Butylbenzylphthalate	20.40	149	362993	20.669 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.18	252	294534	18.938 ng/ul#	93
80) Benzo(a)anthracene	21.24	228	933373	19.884 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	514790	19.447 ng/ul	97
82) Chrysene	21.29	228	891501	20.471 ng/ul	98
84) Di-n-octyl phthalate	22.05	149	857778	16.694 ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	927823	19.048 ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	888171	19.376 ng/ul#	98
88) Benzo(a)pyrene	23.38	252	887749	20.288 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1049034	24.162 ng/ul#	93
90) Dibenzo(a,h)anthracene	25.71	278	882858	23.881 ng/ul#	96
91) Benzo(g,h,i)perylene	26.39	276	873433	25.505 ng/ul#	95

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

Data Path : U:\HPCHEM1\BNA M\Data\BM010418\
Data File : BM013555.D
Acq On : 04 Jan 2018 13:36
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 16:25:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 27 03:26:43 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
1/5/2018 10:34:20 AM