Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051921\
Data File : BM030082.D
Acq On : 19 May 2021 16:50
Operator : CG/JU
Sample : SP
Misc : SFAM SPIKE
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 20 01:27:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SP

Manual Integrations APPROVED
mohammad
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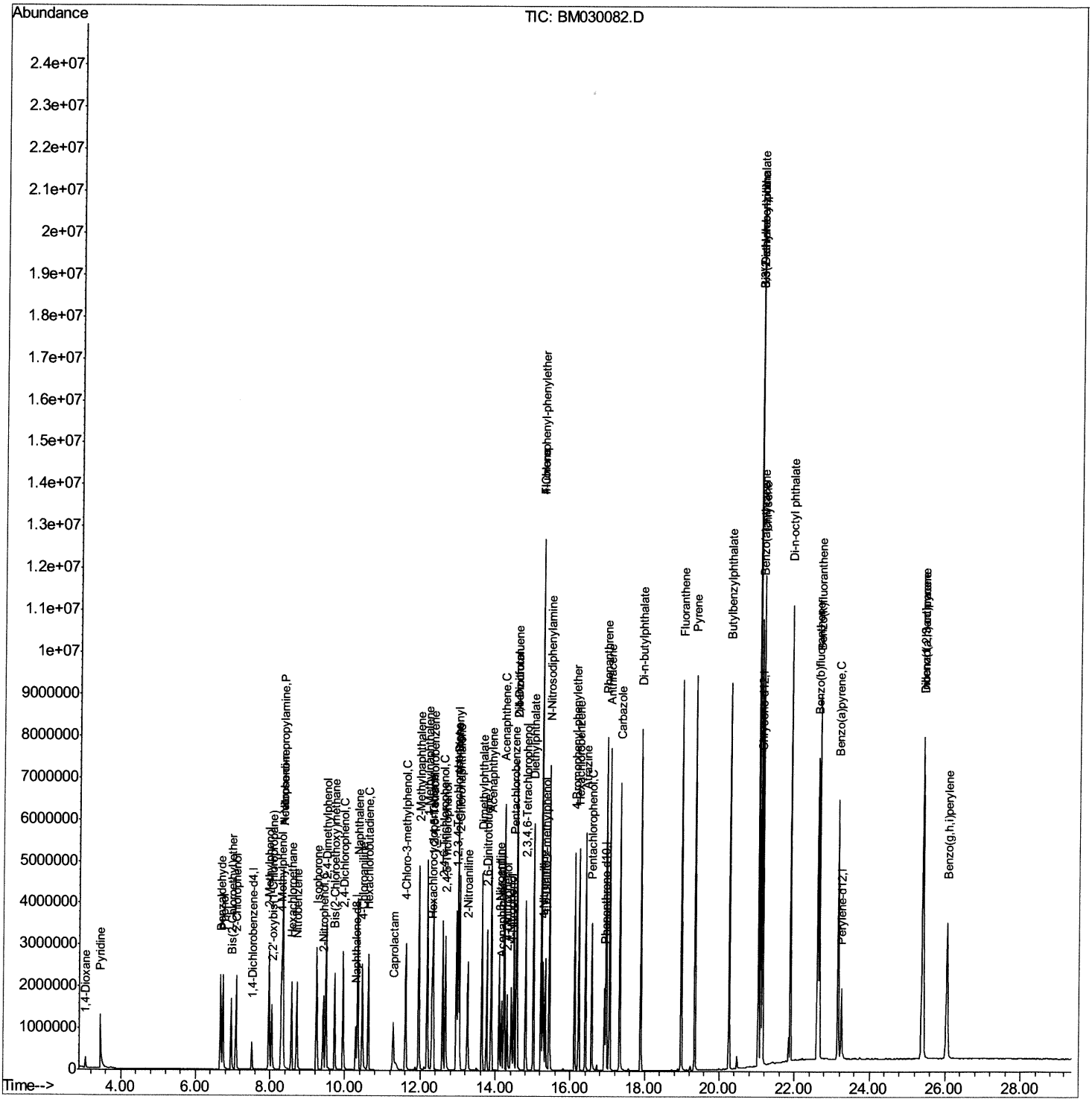

Quantitation Report (Qedit)

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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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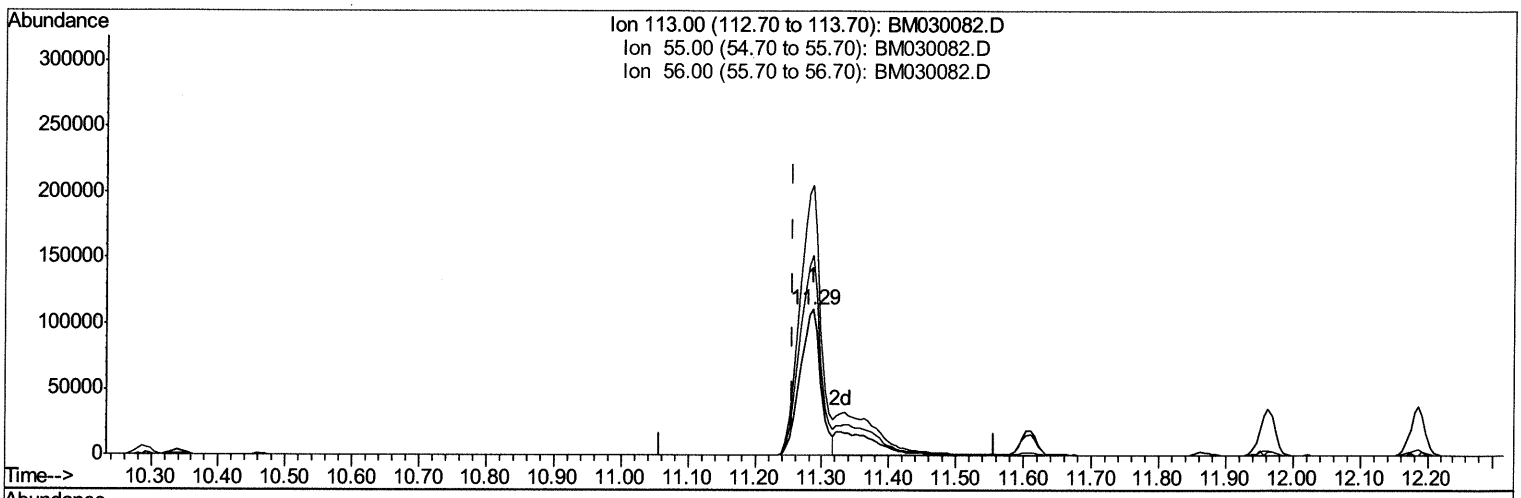

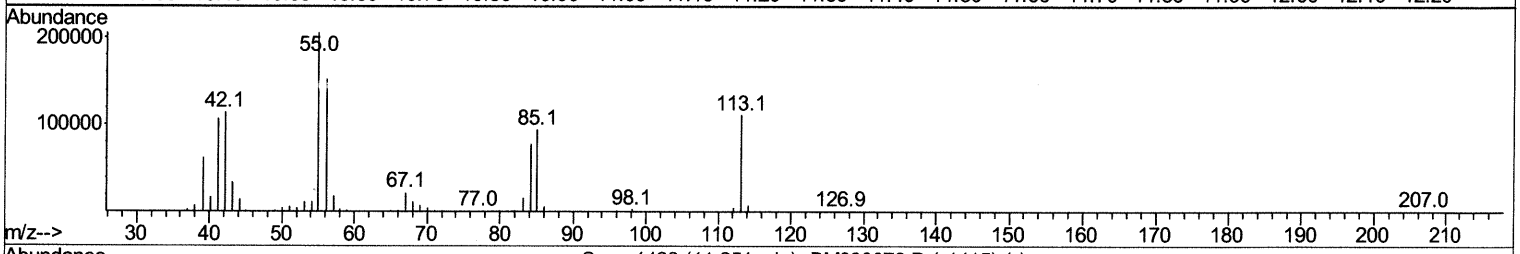

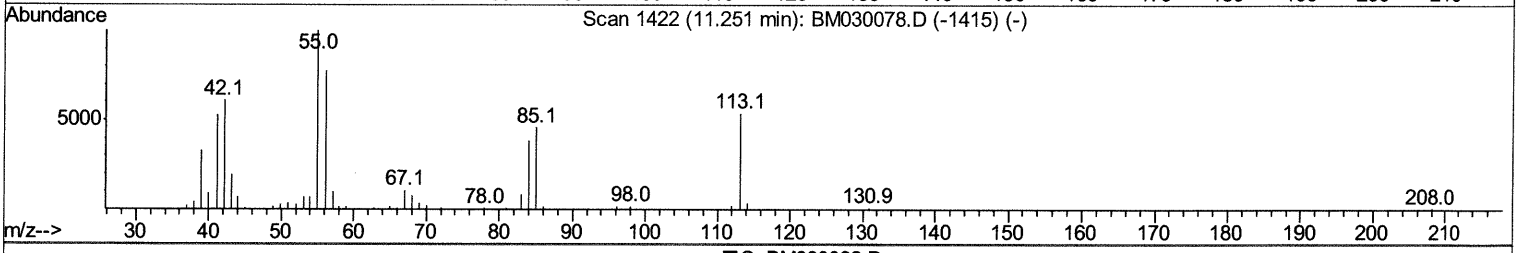

TIC: BM030082.D

(34) Caprolactam

11.286min (+0.029) 54.04ng/ul

response 239805

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	184.96
56.00	131.80	136.70
0.00	0.00	0.00

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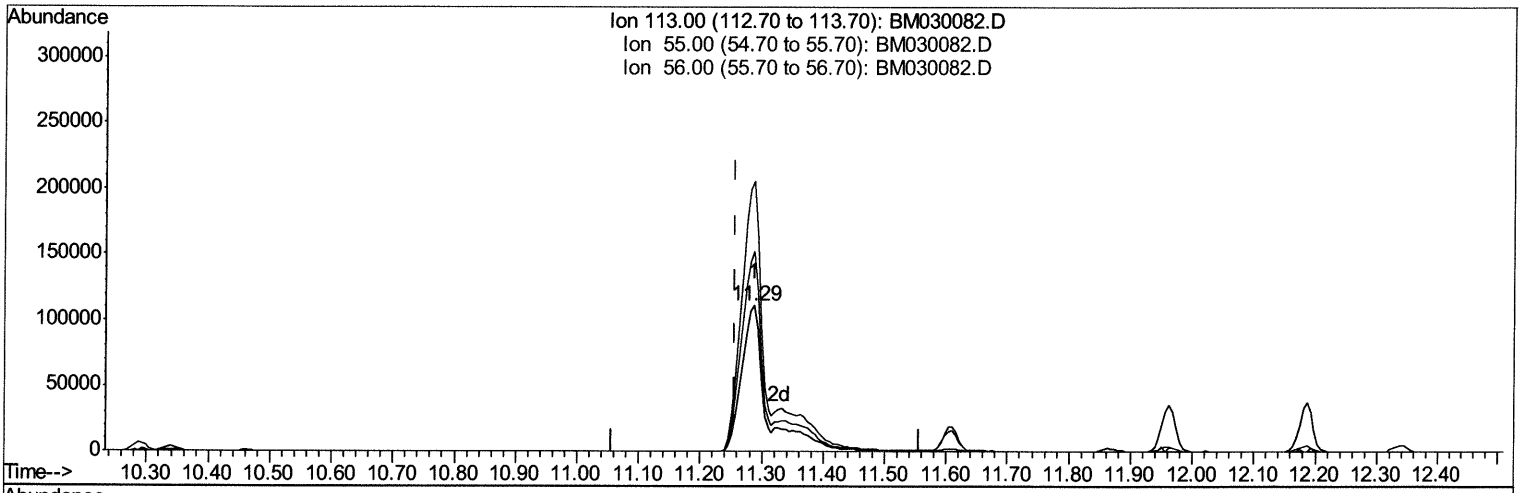

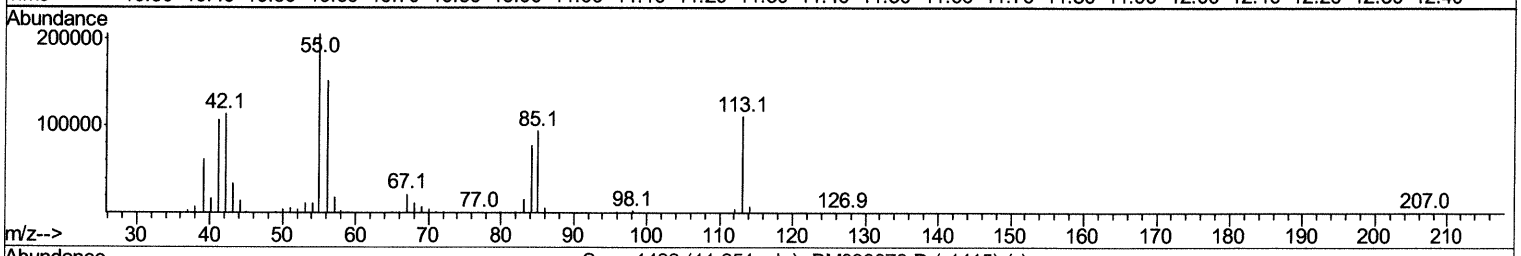

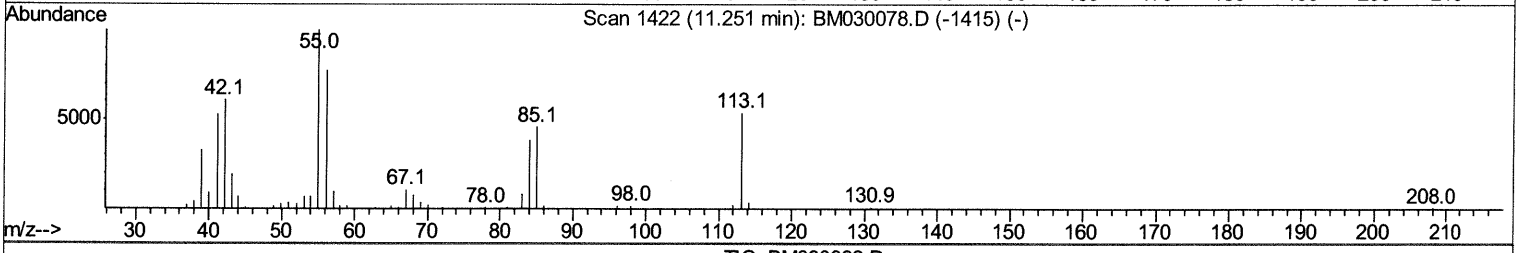

TIC: BM030082.D

(34) Caprolactam

11.286min (+0.029) 71.48ng/ul m 05/21/21JU

response 317227

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	184.96
56.00	131.80	136.70
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : SP
Misc : SFAM SPIKE
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 20 01:26:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
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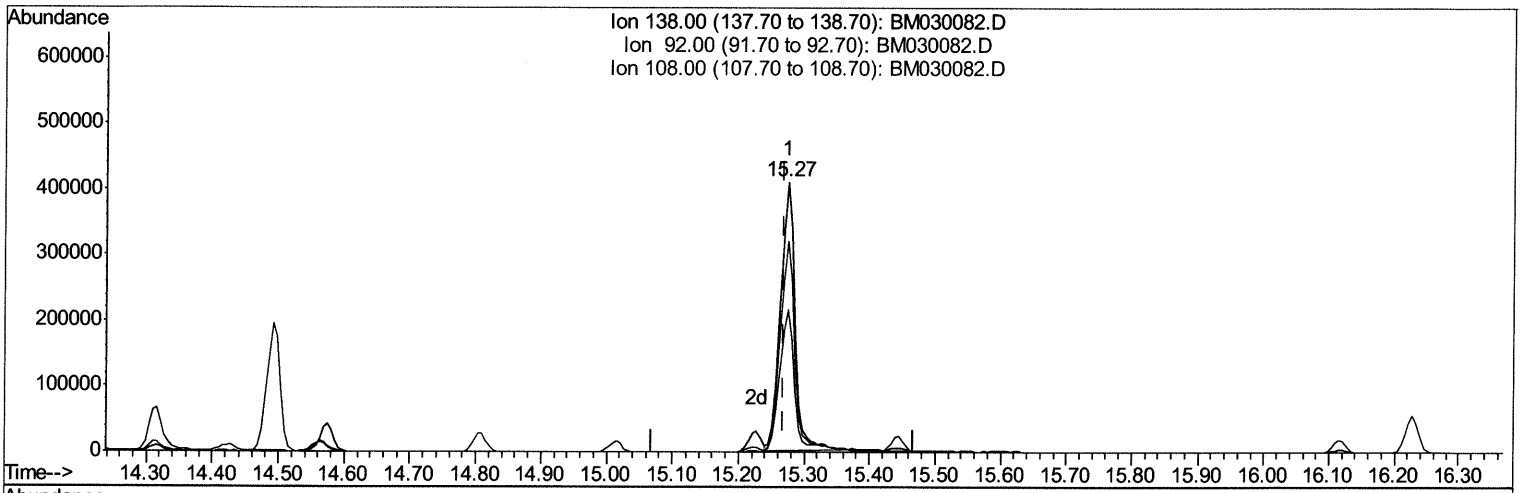

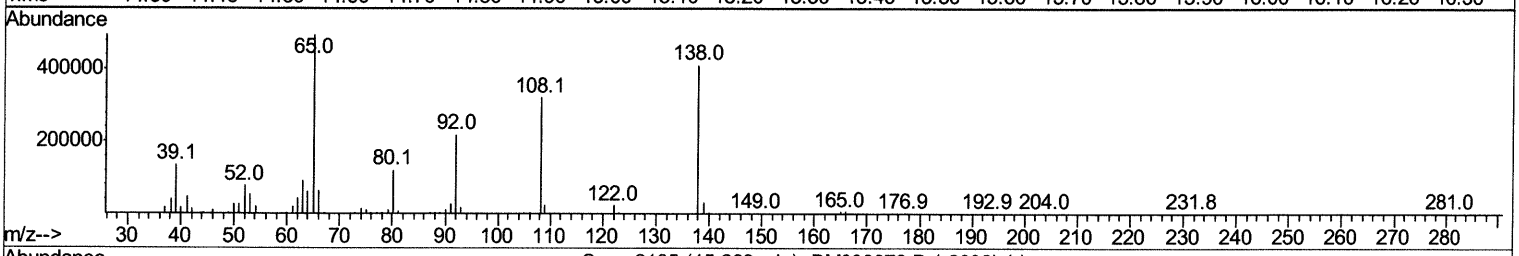

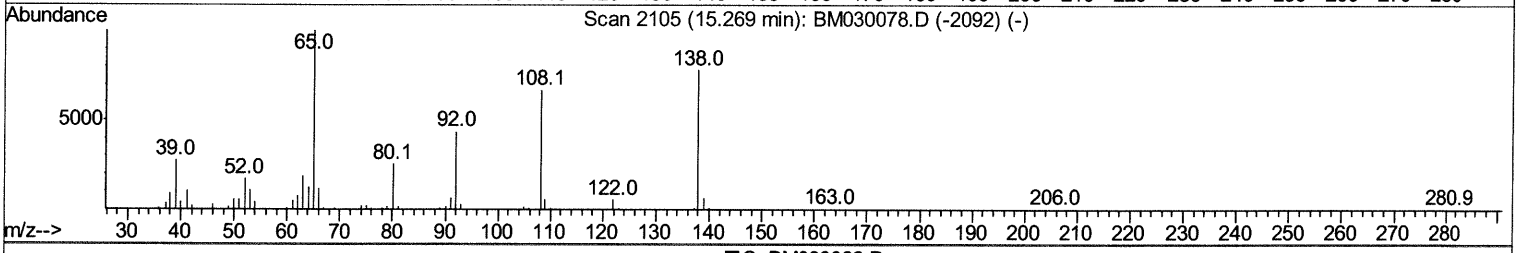

TIC: BM030082.D

(63) 4-Nitroaniline

15.274min (+0.006) 74.62ng/ul

response 632984

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	52.87
108.00	81.60	78.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc : SFAM SPIKE
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Instrument :
BNA_M
ClientSampleId :
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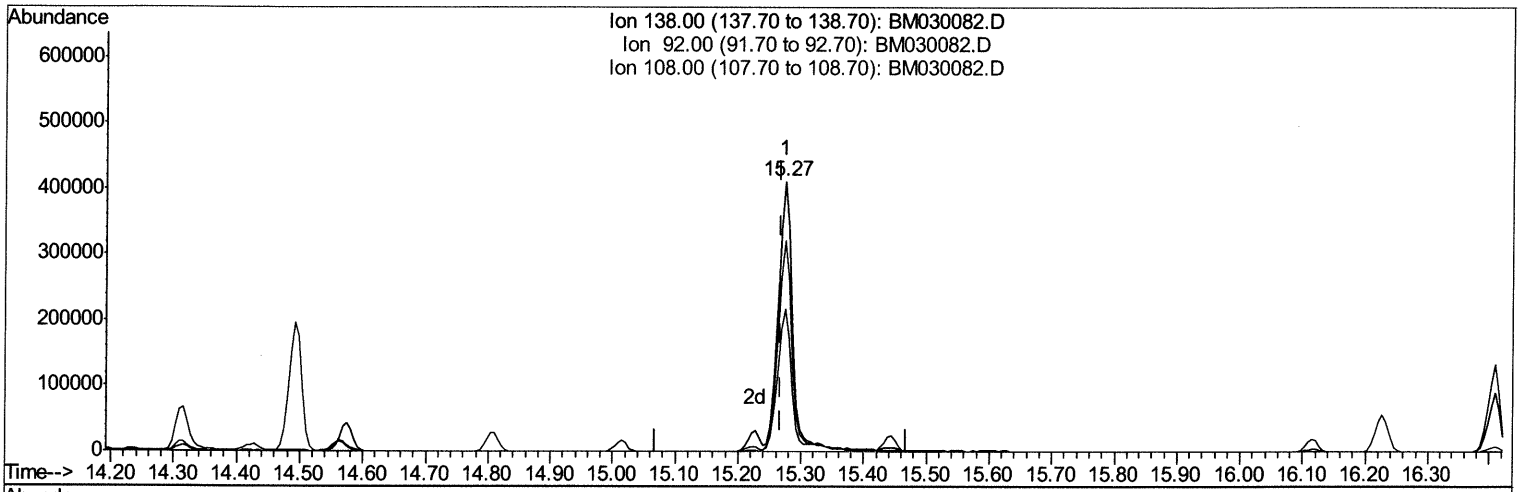

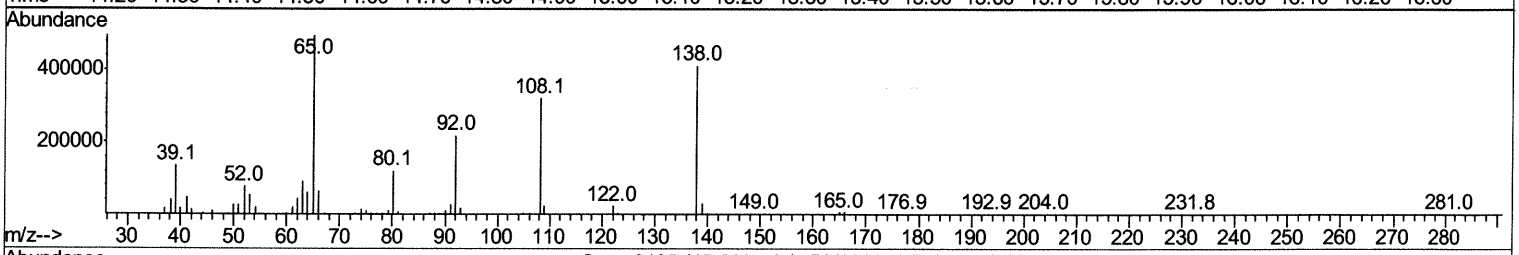

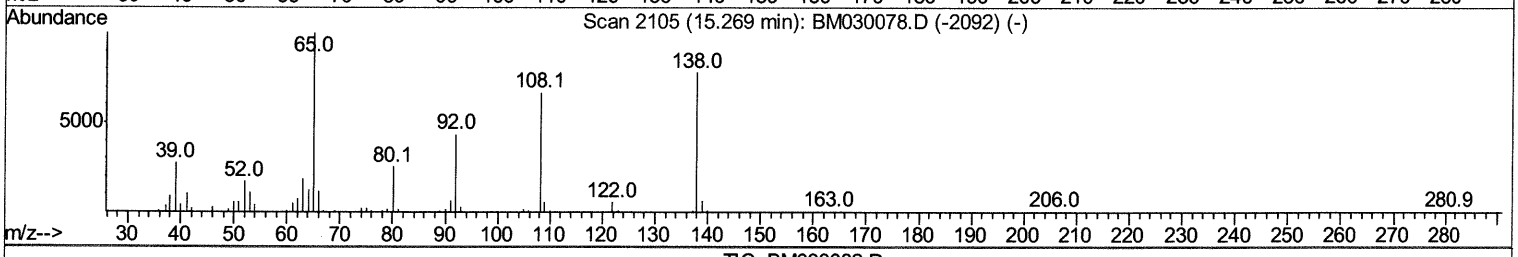

TIC: BM030082.D

(63) 4-Nitroaniline

15.274min (+0.006) 83.49ng/ul m 05/21/21 JU

response 708314

Ion	Exp%	Act%
138.00	100	100
92.00	56.00	52.87
108.00	81.60	78.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051921\
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Operator : CG/JU
Sample : SP
Misc : SFAM SPIKE
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: May 20 01:27:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	179022	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	816430	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.17	164	546777	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	1133609	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	1190262	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	1053536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	0.00	99	0	0.00	ng/ul	
9) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
21) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	129420	26.678	ng/uL	93
5) Pyridine	3.45	79	799497	69.449	ng/ul	87
6) Benzaldehyde	6.67	77	763281	88.818	ng/ul	98
8) Phenol	6.73	94	1192479	70.157	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.96	93	883967	65.774	ng/ul	99
12) 2-Chlorophenol	7.09	128	951908	72.642	ng/ul	99
13) 2-Methylphenol	7.97	108	905351	70.301	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.05	45	1471818	72.704	ng/ul	96
16) Acetophenone	8.35	105	1449972	65.625	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.33	70	838408	74.164	ng/ul	98
18) 4-Methylphenol	8.30	108	989325	69.297	ng/ul	98
19) Hexachloroethane	8.57	117	395890	71.507	ng/ul	97
22) Nitrobenzene	8.72	77	1128765	76.994	ng/ul	98
23) Isophorone	9.25	82	2175561	70.159	ng/ul	99
25) 2-Nitrophenol	9.42	139	534923	77.590	ng/ul	99
26) 2,4-Dimethylphenol	9.49	107	1130720	72.685	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.72	93	1287480	70.887	ng/ul	98
29) 2,4-Dichlorophenol	9.95	162	916157	73.263	ng/ul	98
30) Naphthalene	10.34	128	3025164	66.756	ng/ul	99
32) 4-Chloroaniline	10.46	127	1264909	63.362	ng/ul	98
33) Hexachlorobutadiene	10.62	225	571858	68.206	ng/ul	97
34) Caprolactam	11.29	113	317227m	71.481	ng/ul	05/24/21 JU

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5/20/2021 11:36:14 AM

Quant Time: May 20 01:27:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 18 16:38:21 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.61	107	1038362	75.034 ng/ul	99
36) 2-Methylnaphthalene	11.96	142	2259511	68.735 ng/ul	99
37) 1-Methylnaphthalene	12.19	142	2177209	66.831 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	1160603	68.691 ng/ul	99
40) Hexachlorocyclopentadiene	12.32	237	674359	76.836 ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	777381	75.450 ng/ul	99
42) 2,4,5-Trichlorophenol	12.67	196	820856	75.277 ng/ul	97
43) 1,1'-Biphenyl	13.00	154	2914889	68.579 ng/ul	98
44) 2-Chloronaphthalene	13.04	162	2241828	68.727 ng/ul	99
45) 2-Nitroaniline	13.26	65	762757	92.517 ng/ul	98
47) Dimethylphthalate	13.64	163	2880234	67.870 ng/ul	100
48) 2,6-Dinitrotoluene	13.77	165	631672	82.917 ng/ul	92
50) Acenaphthylene	13.89	152	3478340	66.964 ng/ul	99
51) 3-Nitroaniline	14.10	138	657908	76.875 ng/ul	97
52) Acenaphthene	14.23	153	2472948	67.363 ng/ul	99
53) 2,4-Dinitrophenol	14.32	184	385364	74.348 ng/ul	98
55) 4-Nitrophenol	14.42	109	375022	70.659 ng/ul	97
56) Dibenzofuran	14.57	168	3436557	68.348 ng/ul	99
57) 2,4-Dinitrotoluene	14.56	165	913479	81.032 ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.81	232	755579	72.766 ng/ul	98
59) Diethylphthalate	15.02	149	3078181	69.546 ng/ul	100
61) Fluorene	15.23	166	3008402	69.988 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.23	204	1496707	70.861 ng/ul	96
63) 4-Nitroaniline	15.27	138	708314m >	83.495 ng/ul >	05/21/21 JU
66) 4,6-Dinitro-2-methylphenol	15.33	198	528042	72.867 ng/ul#	96
67) N-Nitrosodiphenylamine	15.44	169	2558487	69.477 ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	895503	70.970 ng/ul	97
69) Hexachlorobenzene	16.23	284	1031345	68.829 ng/ul	97
70) Atrazine	16.41	200	947149	69.712 ng/ul	100
71) Pentachlorophenol	16.58	266	606494	70.638 ng/ul	99
72) Phenanthrene	16.96	178	4476163	66.966 ng/ul	98
74) Anthracene	17.06	178	4636051	67.842 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.96	216	1102130	61.463 ng/uL	98
76) Pentachlorobenzene	14.50	250	1113631	65.122 ng/uL	98
77) Carbazole	17.33	167	4164662	66.515 ng/ul	100
78) Di-n-butylphthalate	17.90	149	5481712	73.761 ng/ul	99
80) Fluoranthene	18.99	202	5249599	70.642 ng/ul	98
82) Pyrene	19.34	202	5380539	68.801 ng/ul	98
83) Butylbenzylphthalate	20.26	149	2550575	91.774 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.04	252	2276397	84.065 ng/ul	98
85) Benzo(a)anthracene	21.10	228	5252695	67.639 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.04	149	4126051	86.103 ng/ul	97
87) Chrysene	21.15	228	5116718	66.153 ng/ul	98
89) Di-n-octyl phthalate	21.89	149	6569348	81.485 ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	5054482	73.963 ng/ul	99
91) Benzo(k)fluoranthene	22.67	252	5031030	70.026 ng/ul	99
93) Benzo(a)pyrene	23.17	252	4272928	68.846 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.41	276	4890449	65.101 ng/ul	98
95) Dibenzo(a,h)anthracene	25.41	278	4201559	65.983 ng/ul	99
96) Benzo(g,h,i)perylene	26.06	276	3718295	61.092 ng/ul	99

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

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