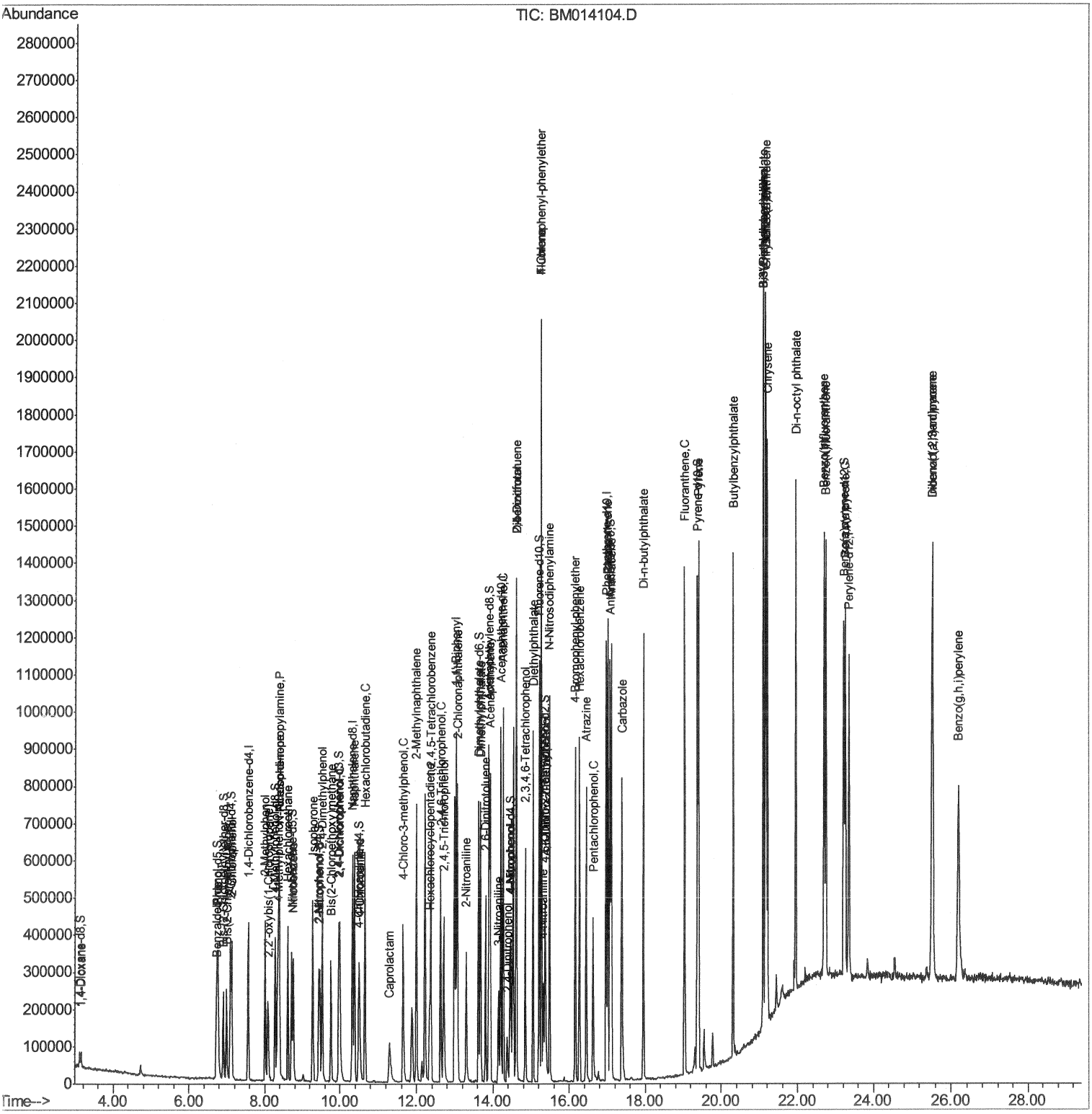
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014104.D
Acq On : 02 Feb 2018 09:30
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 11:24:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
2/2/2018 4:40:18 PM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014104.D
Acq On : 02 Feb 2018 09:30
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Quant Time: Feb 02 11:22:11 2018
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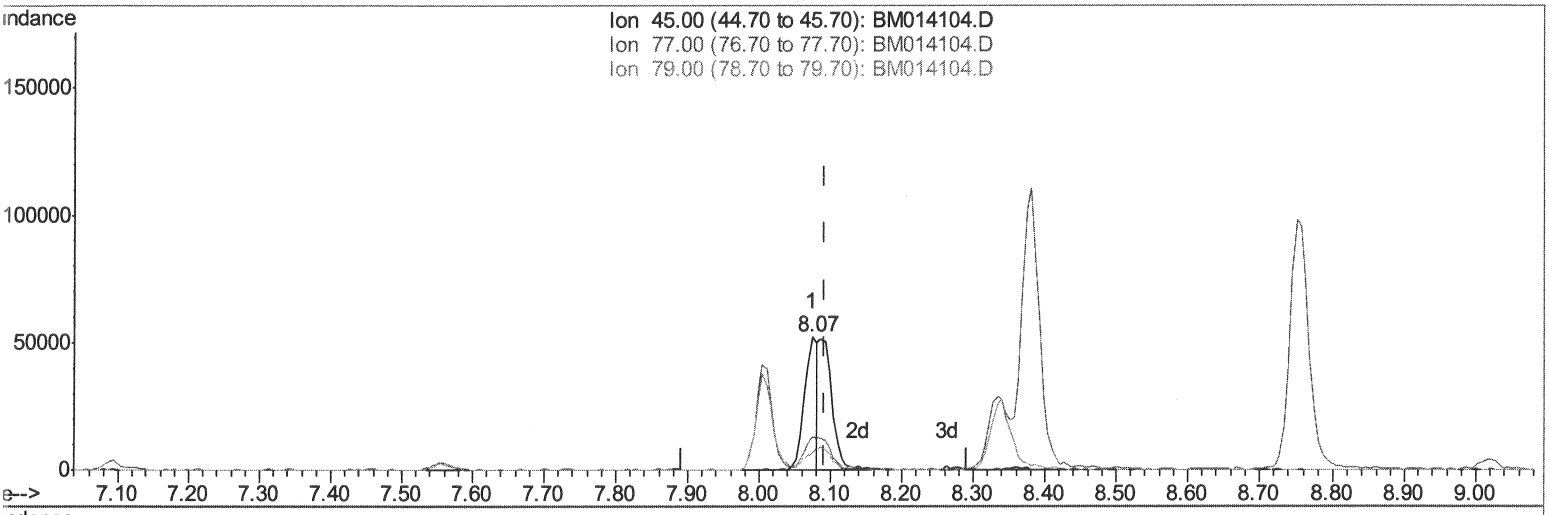

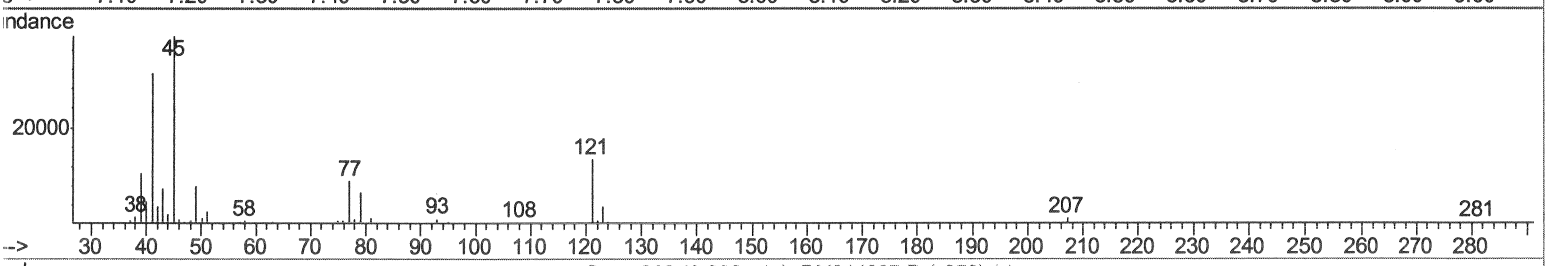

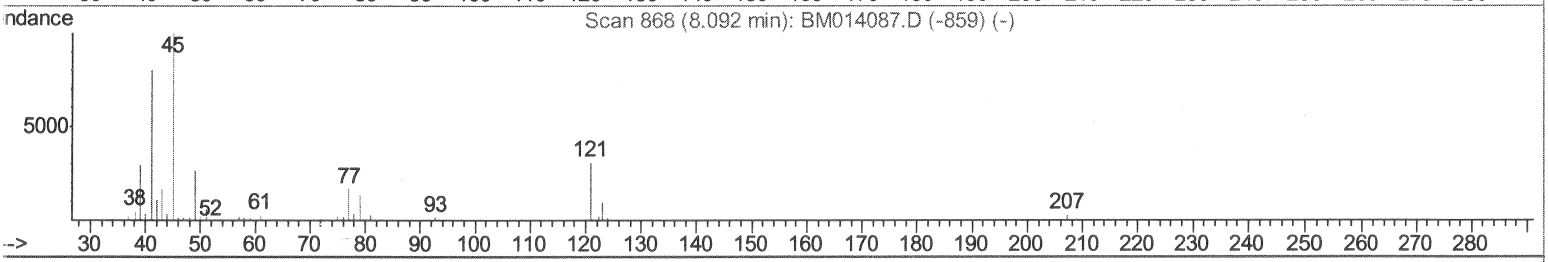

TIC: BM014104.D

(12) 2,2'-oxybis(1-Chloropropane)

8.075min (-0.018) 10.21ng/ul

response 66597

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	24.98#
79.00	10.00	12.99#
0.00	0.00	0.00

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Misc :
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Instrument :
BNA_M
LabSampleId :
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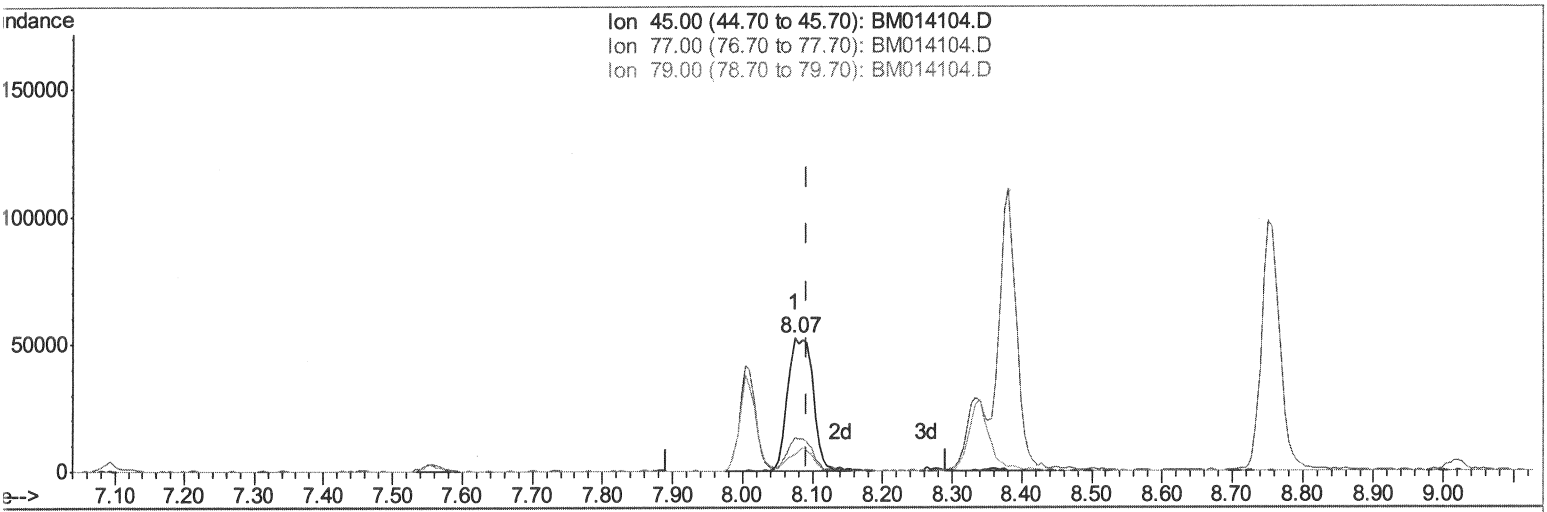
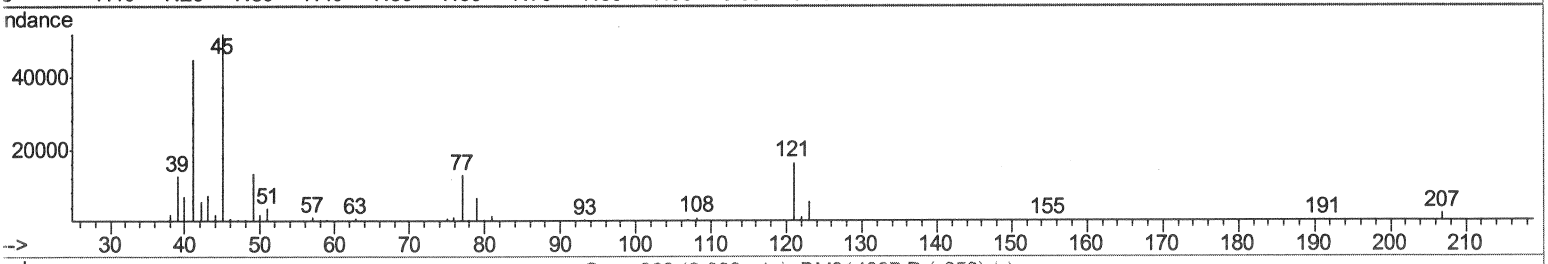
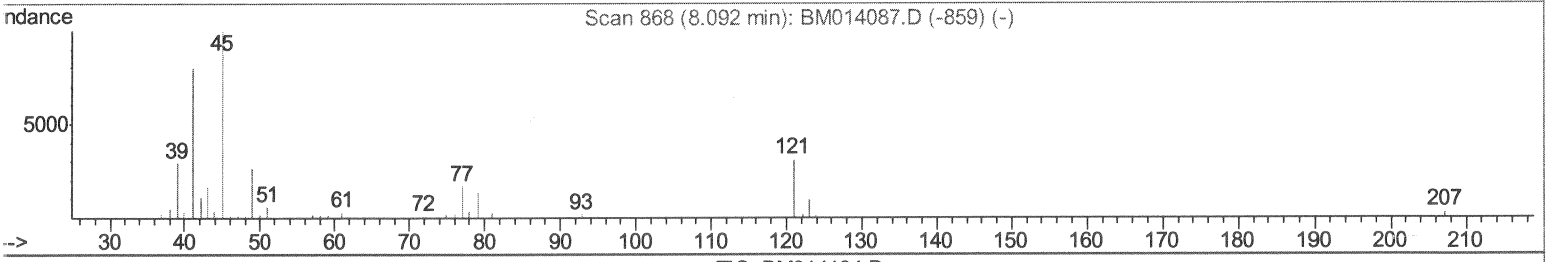
Manual Integrations APPROVED
Sohil
2/2/2018 4:40:18 PM







TIC: BM014104.D

(12) 2,2'-oxybis(1-Chloropropane)

8.075min (-0.018) 19.92ng/ul m JU 02-16-18

response 129917

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	24.98#
79.00	10.00	12.99#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014104.D
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 11:22:11 2018
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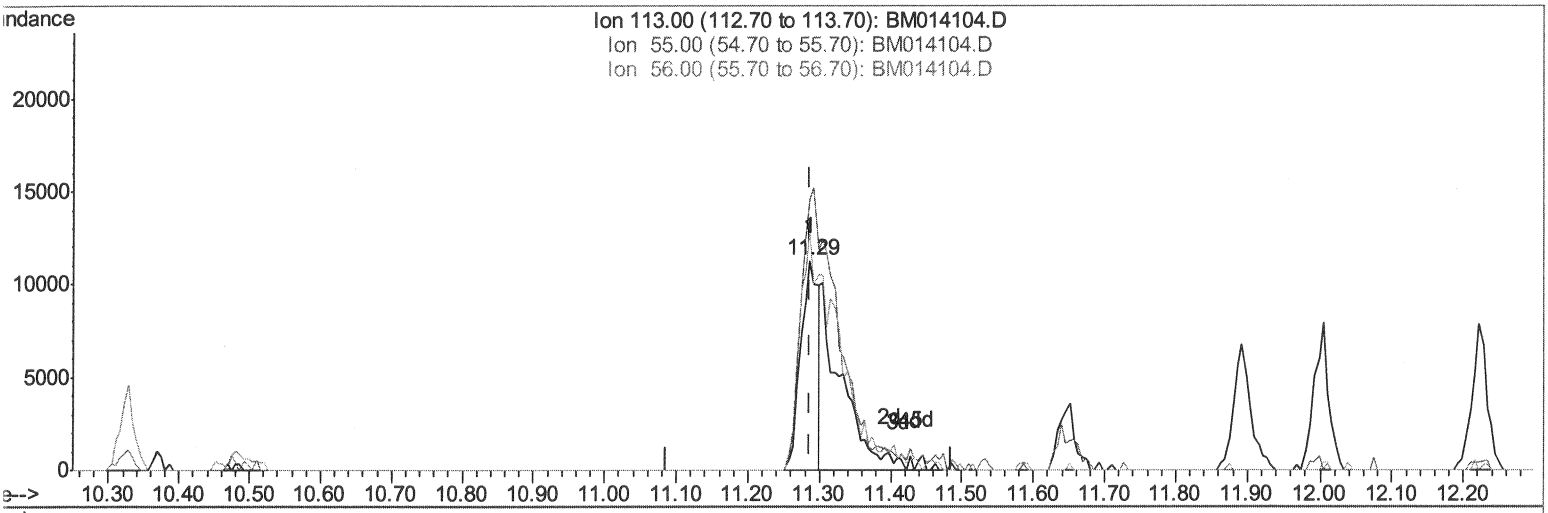
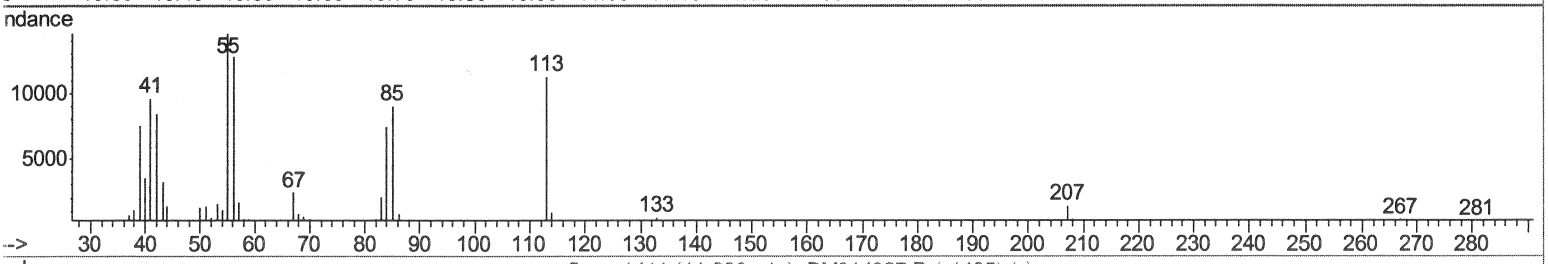
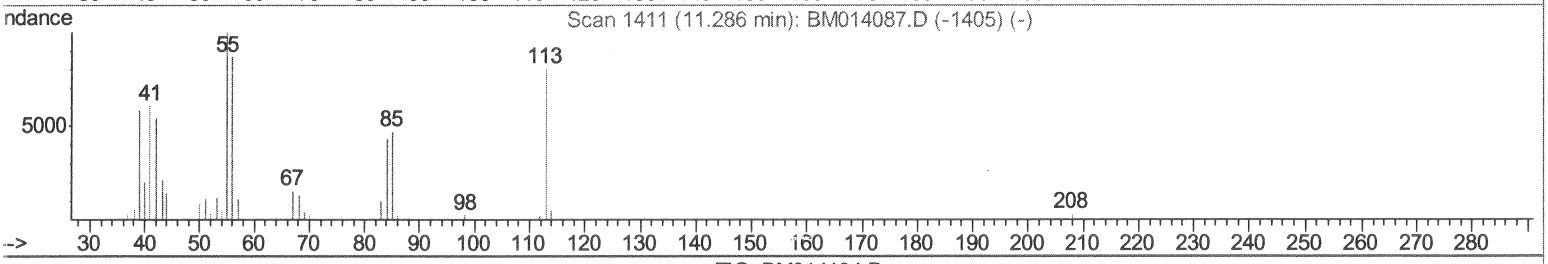
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
2/2/2018 4:40:18 PM







TIC: BM014104.D

(32) Caprolactam

11.286min (-0.000) 9.90ng/ul

response 19116

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	129.41#
56.00	200.00	114.21#
0.00	0.00	0.00

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Data File : BM014104.D
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Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 03:15:28 2018
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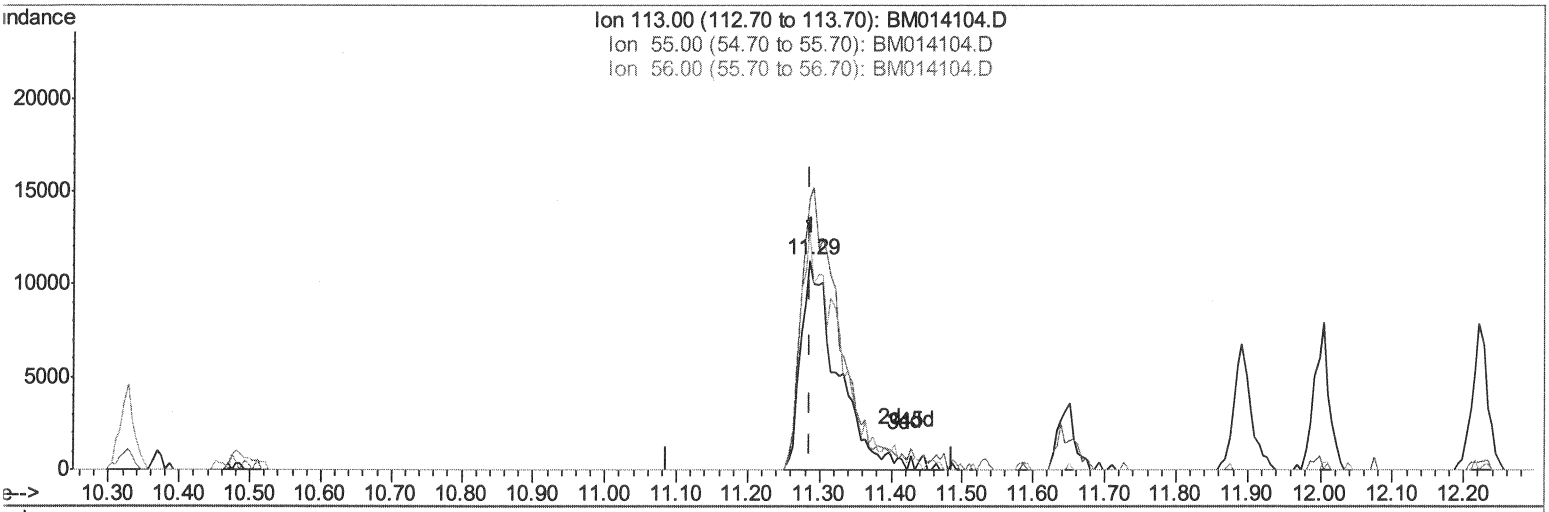
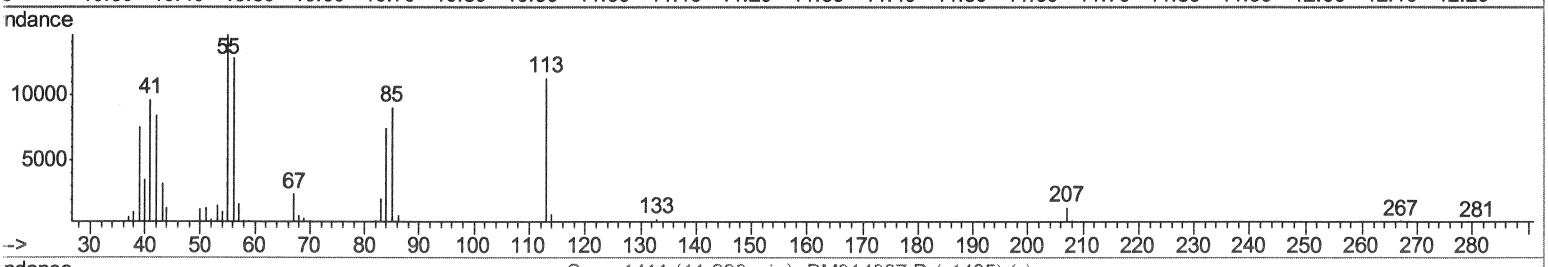
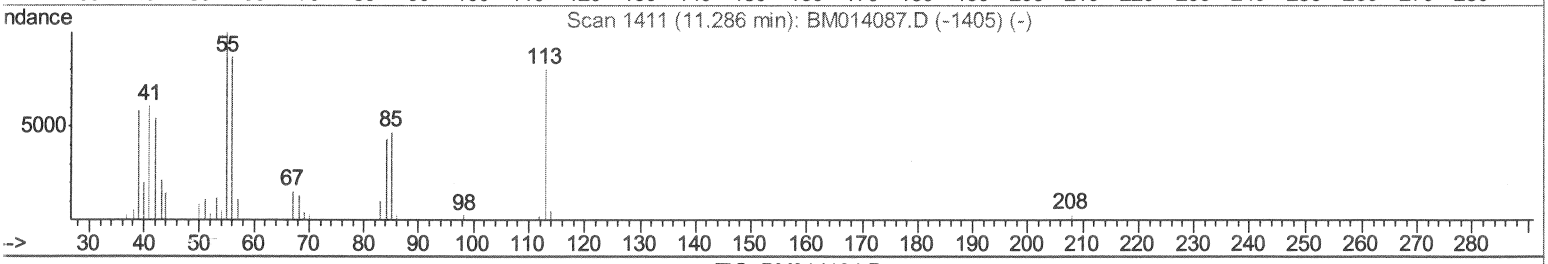
Instrument :
BNA_M
LabSampleId :
SSTD02025

Manual Integrations APPROVED
Sohil
2/2/2018 4:40:18 PM







TIC: BM014104.D

(32) Caprolactam

11.286min (-0.000) 20.63ng/ul m JU 02/02/18

response 39845

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	129.41#
56.00	200.00	114.21#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	111078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	450433	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	282457	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	672894	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	683020	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	641968	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	16211	6.70	ng/uL	0.00
5) Phenol-d5	6.75	99	159554	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	95187	18.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	135225	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	133781	19.14	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	65860	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	74135	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	146150	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	129210	19.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	469927	20.05	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	586086	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	57129	17.68	ng/ul	0.00
57) Fluorene-d10	15.21	176	411147	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	70976	17.18	ng/ul	0.00
70) Anthracene-d10	17.06	188	626012	19.16	ng/ul	0.00
76) Pyrene-d10	19.37	212	697709	21.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	623079	19.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	17343	6.524	ng/uL#	77
4) Benzaldehyde	6.72	77	65414	16.335	ng/ul	97
6) Phenol	6.77	94	156023	18.681	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	126197	19.435	ng/ul	96
10) 2-Chlorophenol	7.12	128	134697	20.191	ng/ul	98
11) 2-Methylphenol	8.00	108	123736	19.238	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.07	45	129917m>	19.919	ng/ul	> JU 02/02/18
14) Acetophenone	8.38	105	214098	18.142	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.36	70	114860	19.029	ng/ul#	73
16) 4-Methylphenol	8.34	108	131874	19.188	ng/ul	93
17) Hexachloroethane	8.61	117	66846	19.211	ng/ul#	75
20) Nitrobenzene	8.75	77	177554	19.432	ng/ul	98
21) Isophorone	9.27	82	308417	20.050	ng/ul	97
23) 2-Nitrophenol	9.46	139	77258	20.882	ng/ul	90
24) 2,4-Dimethylphenol	9.52	107	167329	20.057	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.76	93	175097	20.665	ng/ul	96
27) 2,4-Dichlorophenol	9.99	162	137787	19.588	ng/ul#	87
28) Naphthalene	10.37	128	444807	19.616	ng/ul	98
30) 4-Chloroaniline	10.51	127	131724	20.032	ng/ul	91
31) Hexachlorobutadiene	10.65	225	116675	18.397	ng/ul	89
32) Caprolactam	11.29	113	39845m>	20.630	ng/ul	> JU 02/02/18
33) 4-Chloro-3-methylphenol	11.65	107	144999	19.677	ng/ul	92
34) 2-Methylnaphthalene	12.00	142	329640	19.254	ng/ul	96

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Sohil
2/2/2018 4:40:18 PM

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uant Title : SVOA CALIBRATION
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esponse via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	212768	20.630	ng/ul	94
37) Hexachlorocyclopentadiene	12.35	237	82162	14.629	ng/ul	93
38) 2,4,6-Trichlorophenol	12.63	196	128411	21.407	ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	133675	21.662	ng/ul	98
40) 1,1'-Biphenyl	13.03	154	447709	20.405	ng/ul	97
41) 2-Chloronaphthalene	13.07	162	365630	20.627	ng/ul	99
42) 2-Nitroaniline	13.30	65	104100	20.673	ng/ul	88
44) Dimethylphthalate	13.68	163	463772	20.523	ng/ul	98
45) 2,6-Dinitrotoluene	13.81	165	91481	20.843	ng/ul	96
47) Acenaphthylene	13.93	152	530895	20.107	ng/ul	98
48) 3-Nitroaniline	14.14	138	63882	19.368	ng/ul	100
49) Acenaphthene	14.27	153	369740	19.972	ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	29963	12.726	ng/ul#	86
52) 4-Nitrophenol	14.47	109	68656	17.635	ng/ul#	73
53) Dibenzofuran	14.62	168	548777	19.466	ng/ul	99
54) 2,4-Dinitrotoluene	14.61	165	132153	19.899	ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	14.85	232	126712	20.370	ng/ul#	89
56) Diethylphthalate	15.05	149	472228	19.921	ng/ul	93
58) Fluorene	15.27	166	447696	19.044	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	251053	18.650	ng/ul	93
60) 4-Nitroaniline	15.32	138	61207	16.512	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.37	198	70880	16.928	ng/ul	98
64) N-Nitrosodiphenylamine	15.49	169	381200	19.635	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	160356	19.067	ng/ul	92
66) Hexachlorobenzene	16.27	284	174613	19.513	ng/ul#	92
67) Atrazine	16.44	200	149085	19.119	ng/ul	91
68) Pentachlorophenol	16.63	266	77351	17.556	ng/ul	95
69) Phenanthrene	17.01	178	723956	19.135	ng/ul	98
71) Anthracene	17.10	178	730454	19.056	ng/ul	97
72) Carbazole	17.38	167	588947	18.838	ng/ul	99
73) Di-n-butylphthalate	17.94	149	773622	19.726	ng/ul	99
74) Fluoranthene	19.03	202	874898	18.587	ng/ul#	96
77) Pyrene	19.40	202	861143	21.129	ng/ul#	96
78) Butylbenzylphthalate	20.32	149	341801	21.274	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.10	252	230347	21.642	ng/ul	92
80) Benzo(a)anthracene	21.16	228	846991	19.907	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.09	149	497800	21.250	ng/ul	97
82) Chrysene	21.21	228	798743	19.972	ng/ul	99
84) Di-n-octyl phthalate	21.96	149	786881	19.255	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	798093	19.701	ng/ul	98
86) Benzo(k)fluoranthene	22.74	252	785120	19.714	ng/ul	100
88) Benzo(a)pyrene	23.26	252	746888	19.564	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	844723	20.191	ng/ul	98
90) Dibenzo(a,h)anthracene	25.53	278	707383	19.940	ng/ul	97
91) Benzo(g,h,i)perylene	26.19	276	693993	20.065	ng/ul	99

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