Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033363.D
Acq On : 09 Dec 2021 18:00
Operator : CG/JU
Sample : PB141247BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 10 01:15:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS247

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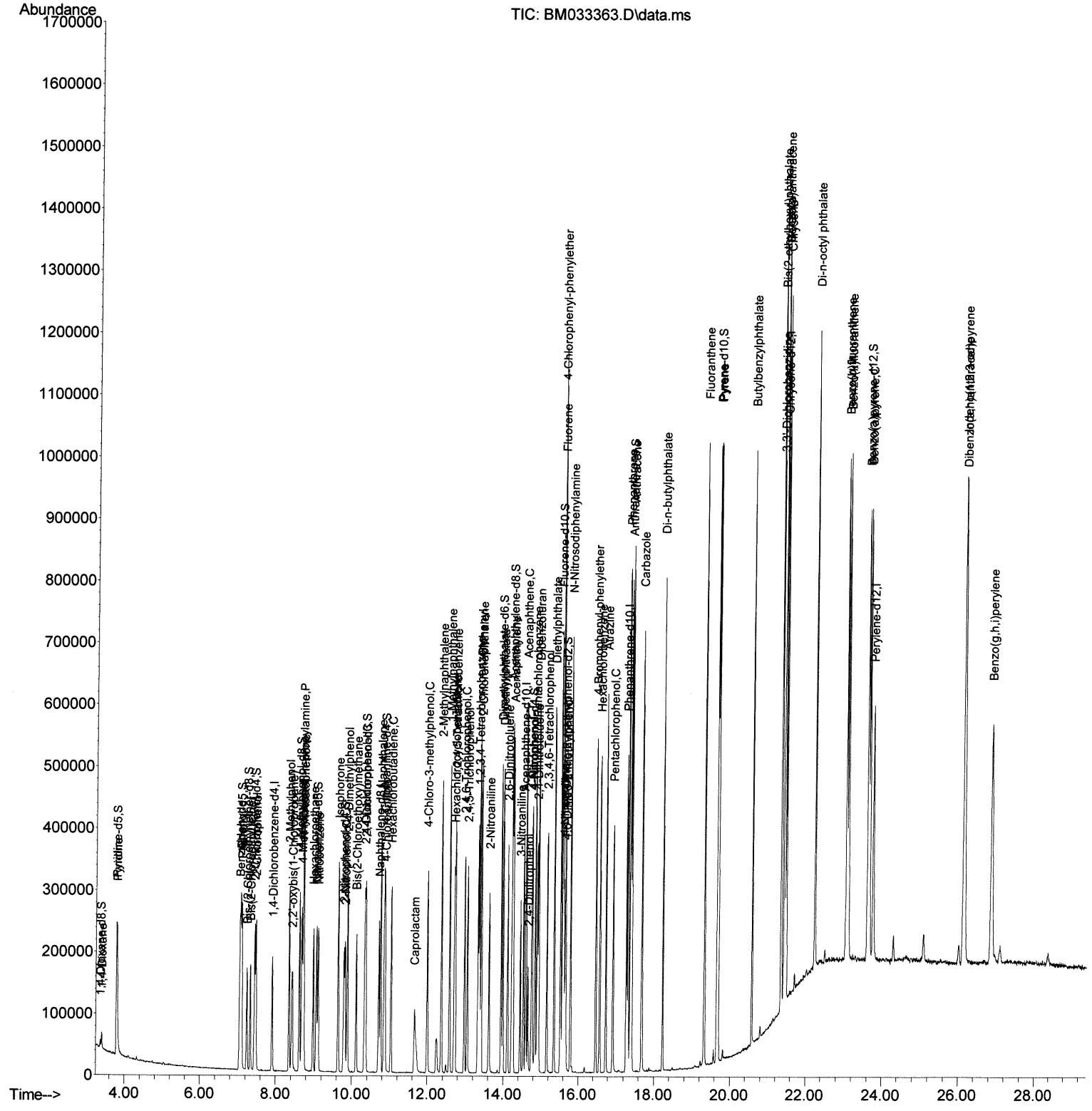
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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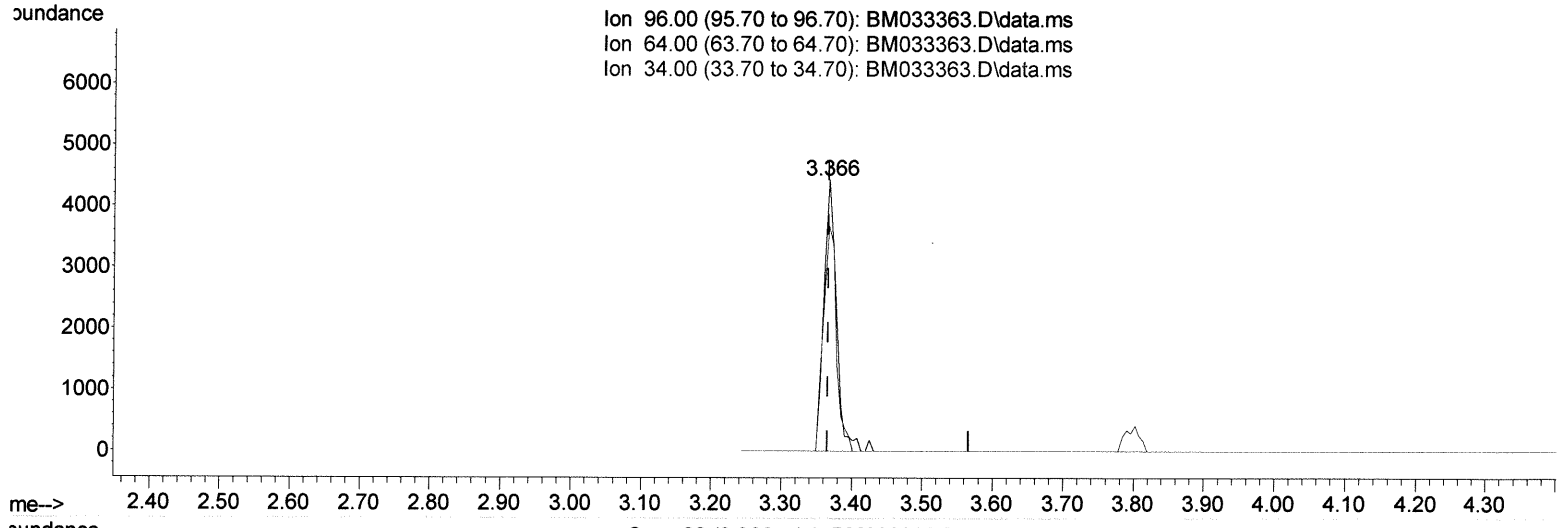

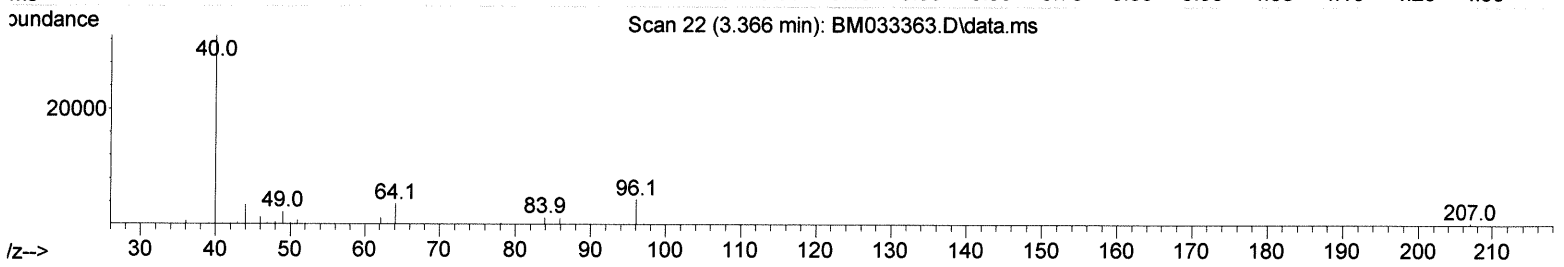

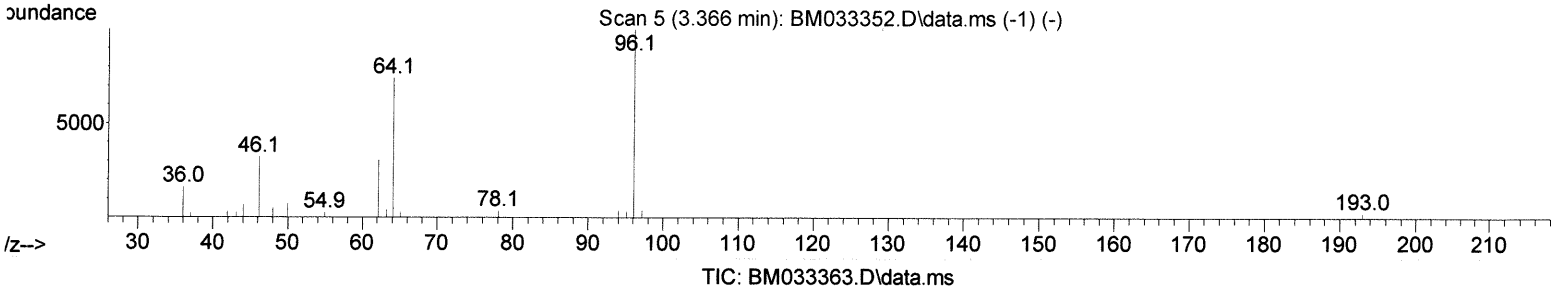

TIC: BM033363.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.366min (+ 0.000) 4.55 ng/uL

response 5412

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	82.90
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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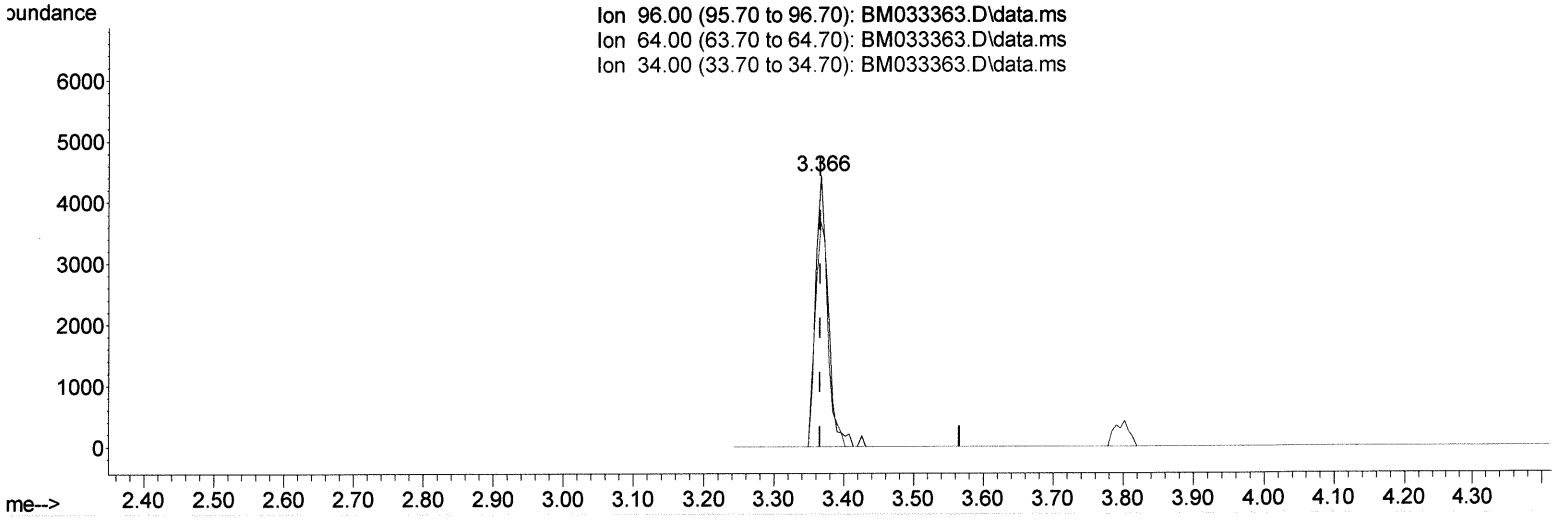

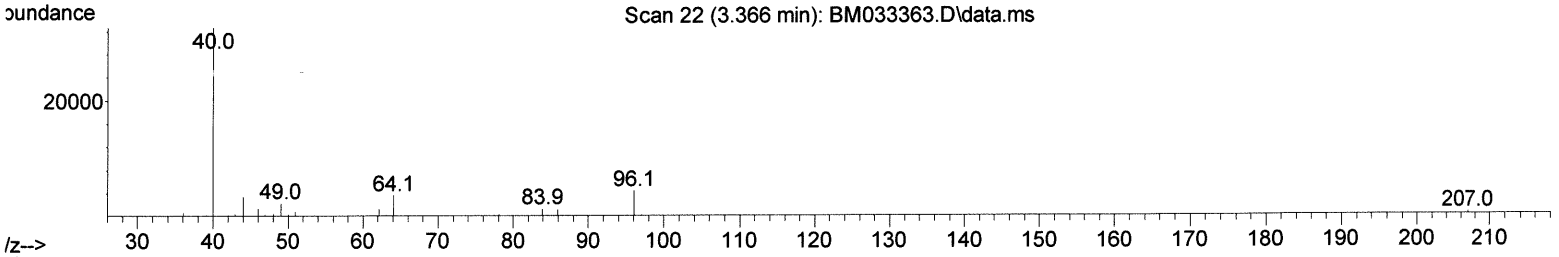

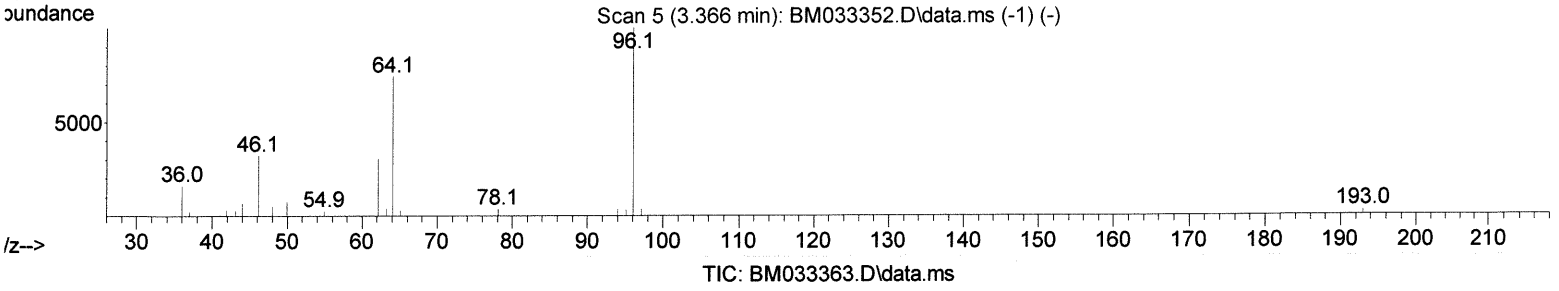

TIC: BM033363.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.366min (+ 0.000) 4.62 ng/uL m

J412/23/21

response 5485

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	82.90
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Acq On : 09 Dec 2021 18:00
Operator : CG/JU
Sample : PB141247BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 10 01:15:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
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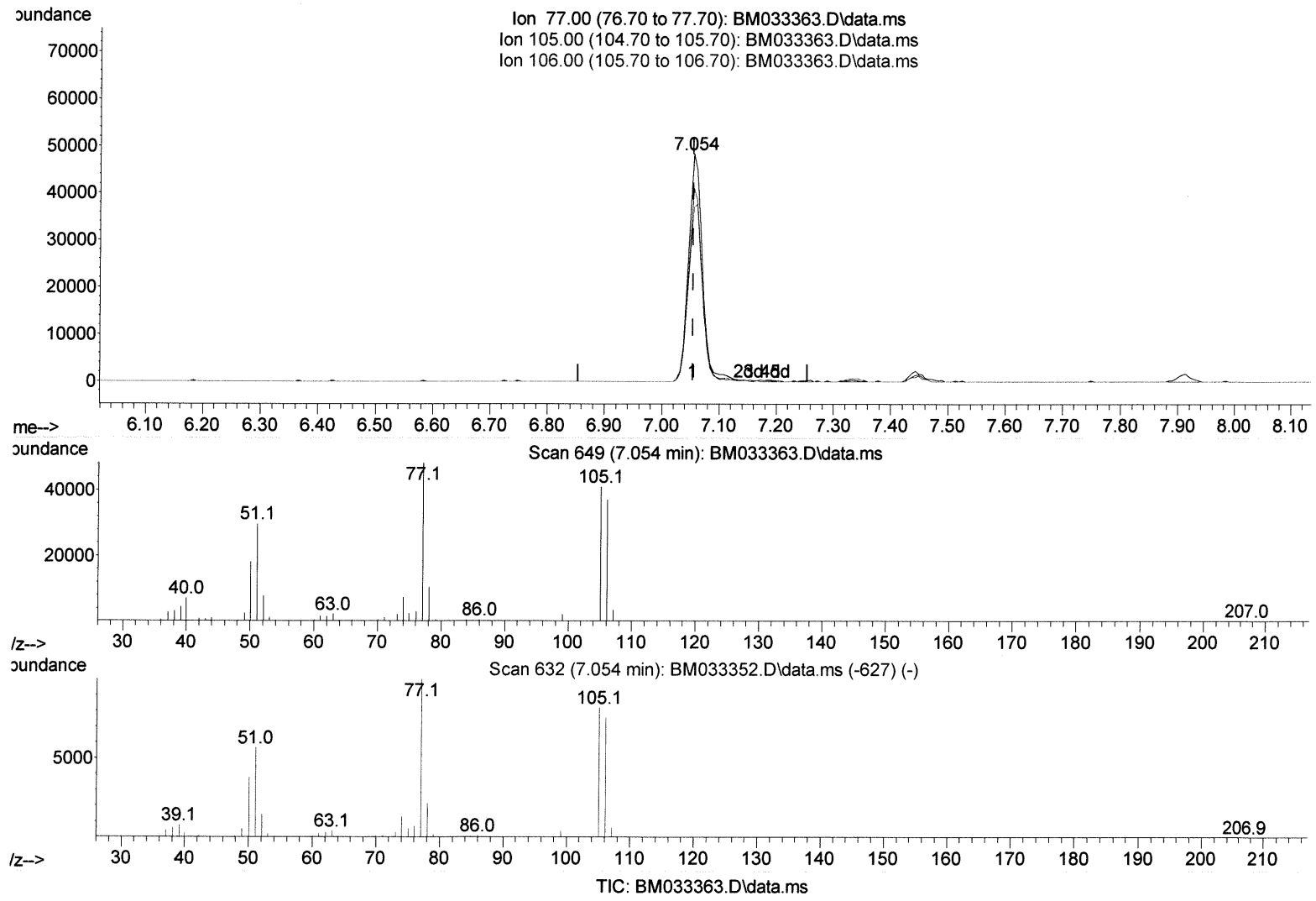

TIC: BM033363.D\data.ms

(6) Benzaldehyde

7.054min (+ 0.000) 34.70 ng/ul

response 81745

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	82.00	84.85
106.00	75.70	76.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Sample : PB141247BS
Misc :
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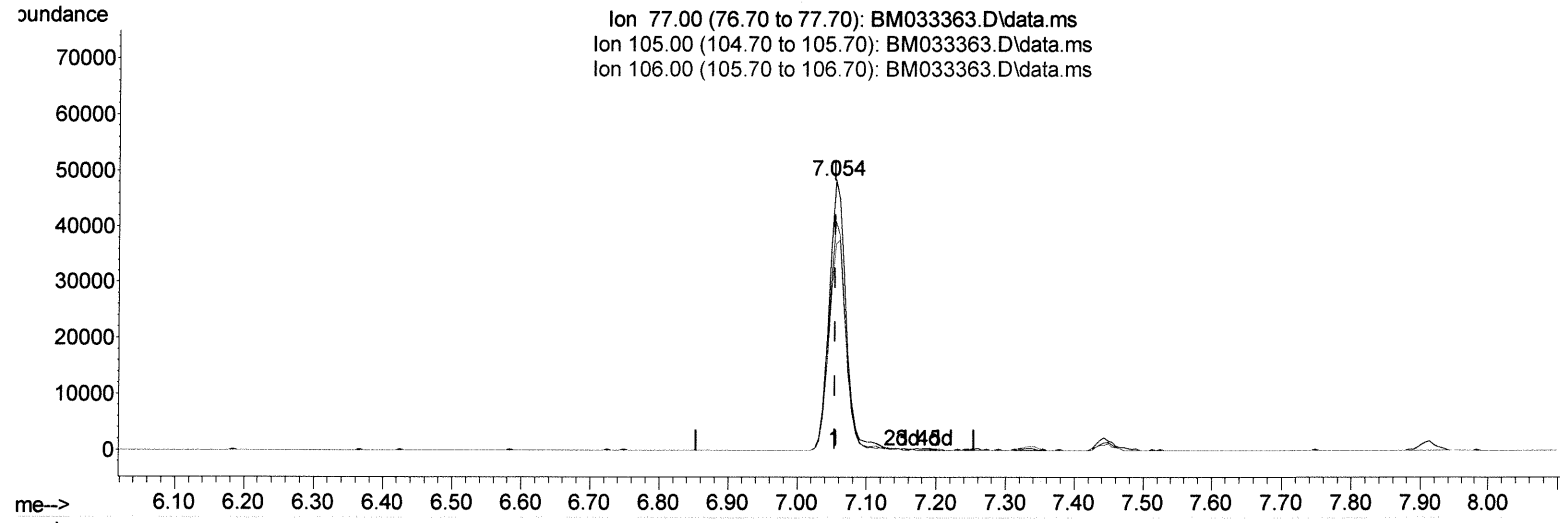

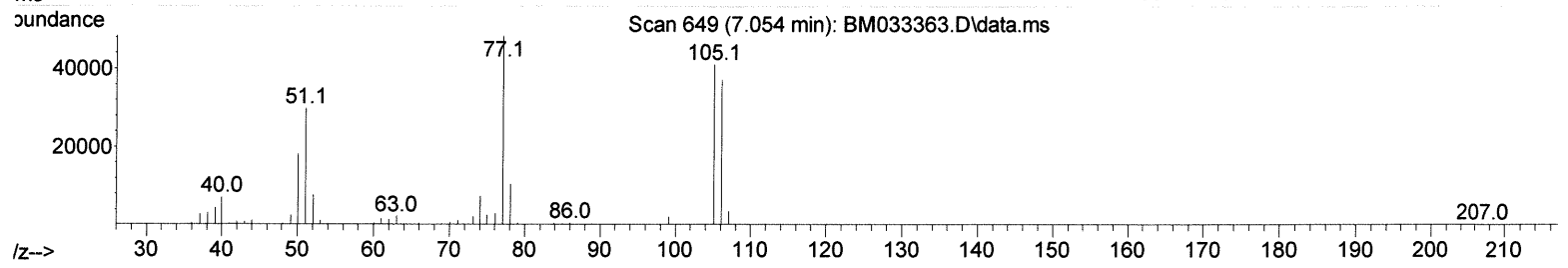

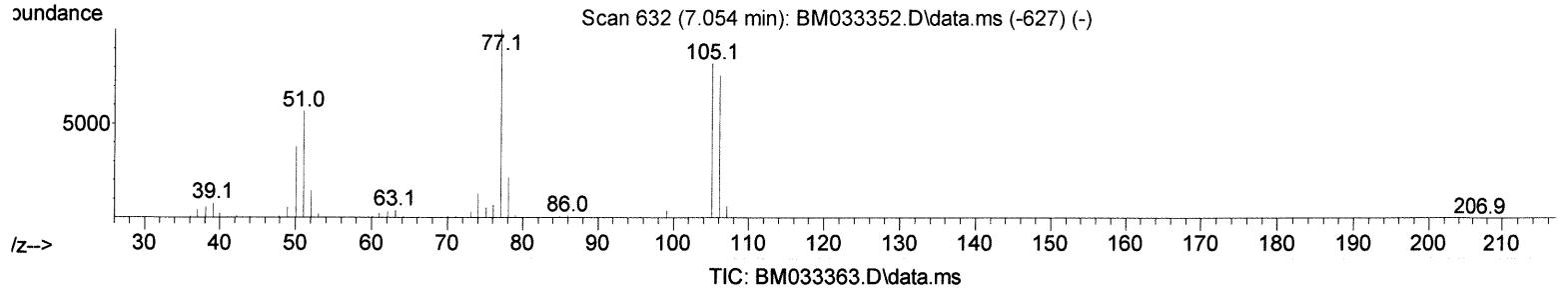

TIC: BM033363.D\data.ms

(6) Benzaldehyde

7.054min (+ 0.000) 34.00 ng/ul m 12/23/21

response 80105

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	82.00	84.85
106.00	75.70	76.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Misc :
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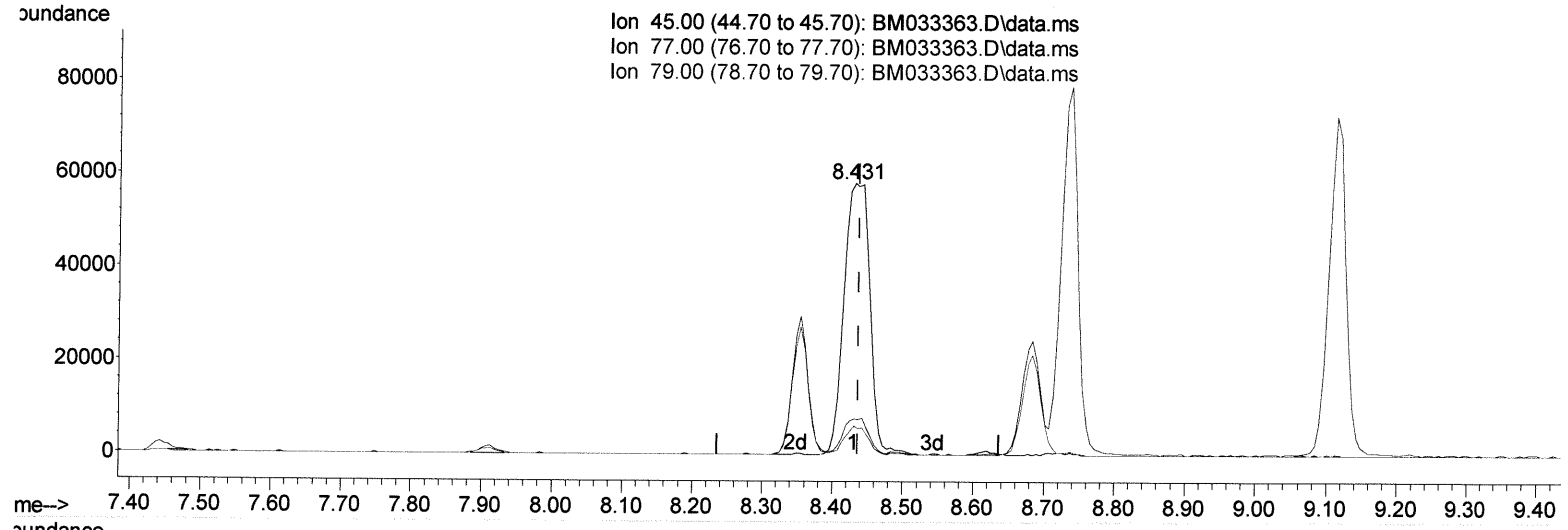

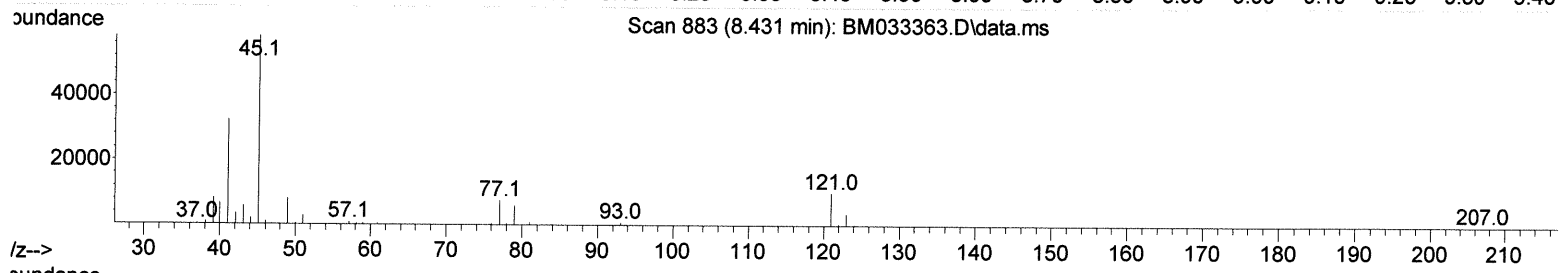

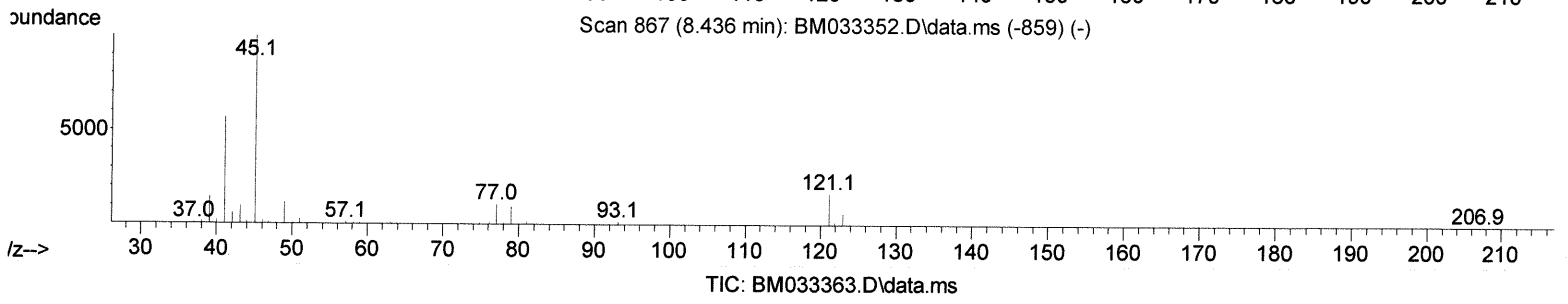

TIC: BM033363.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.431min (-0.006) 16.56 ng/ul

response 93652

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.40	13.09
79.00	10.40	10.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Operator : CG/JU
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Misc :
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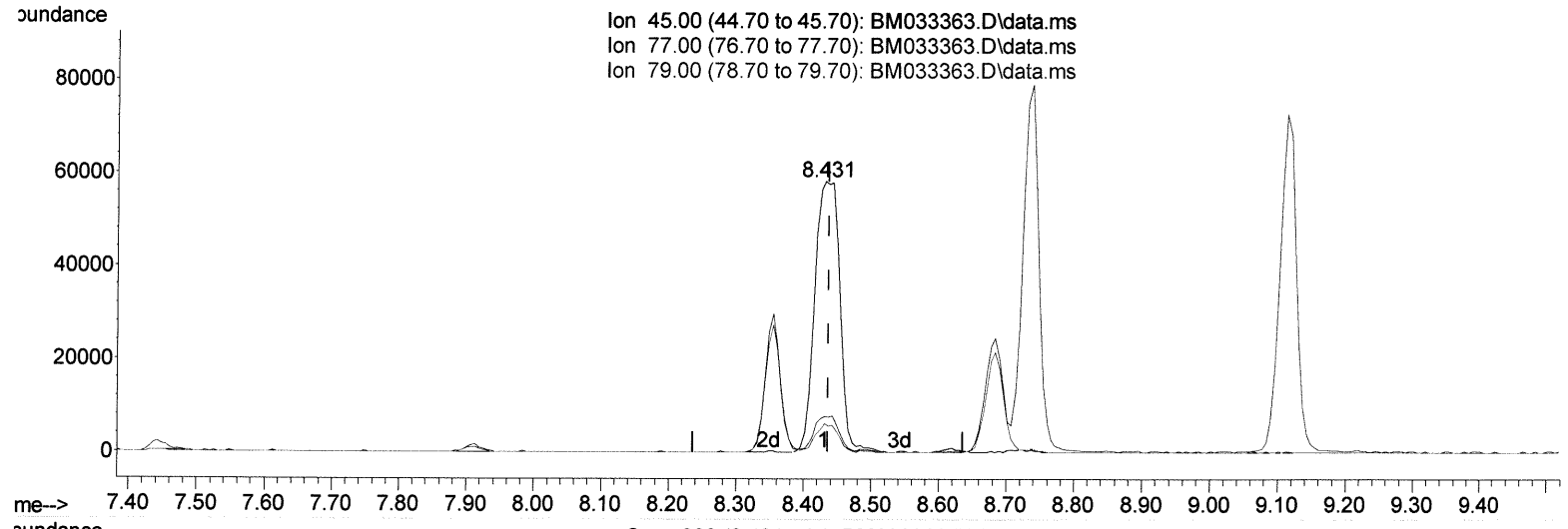

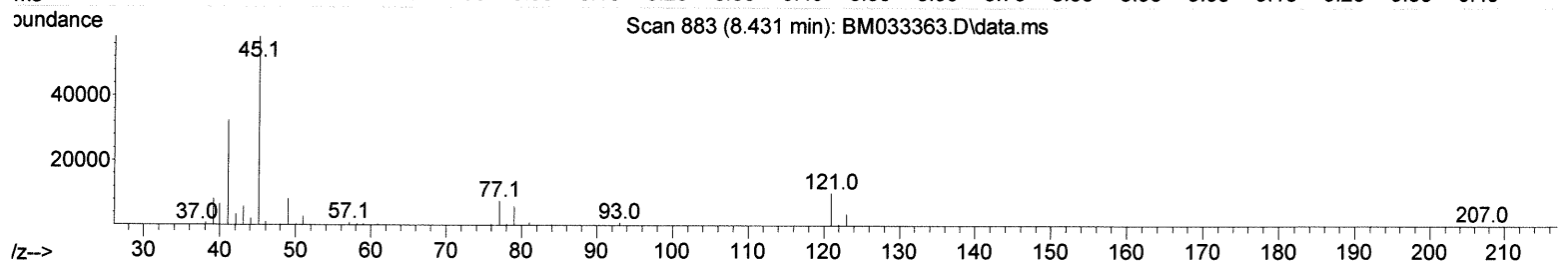

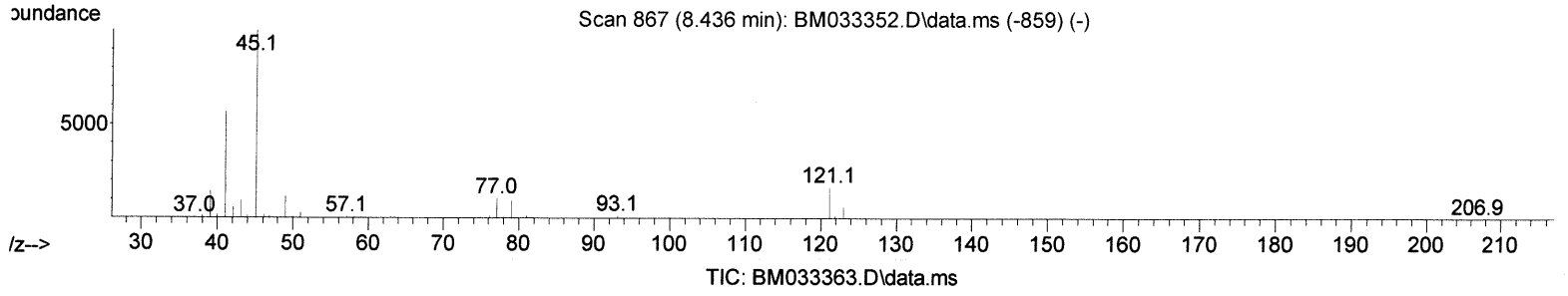

TIC: BM033363.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.431min (-0.006) 26.30 ng/ul m JU 12/23/21

response 148687

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.40	13.09
79.00	10.40	10.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Operator : CG/JU
Sample : PB141247BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

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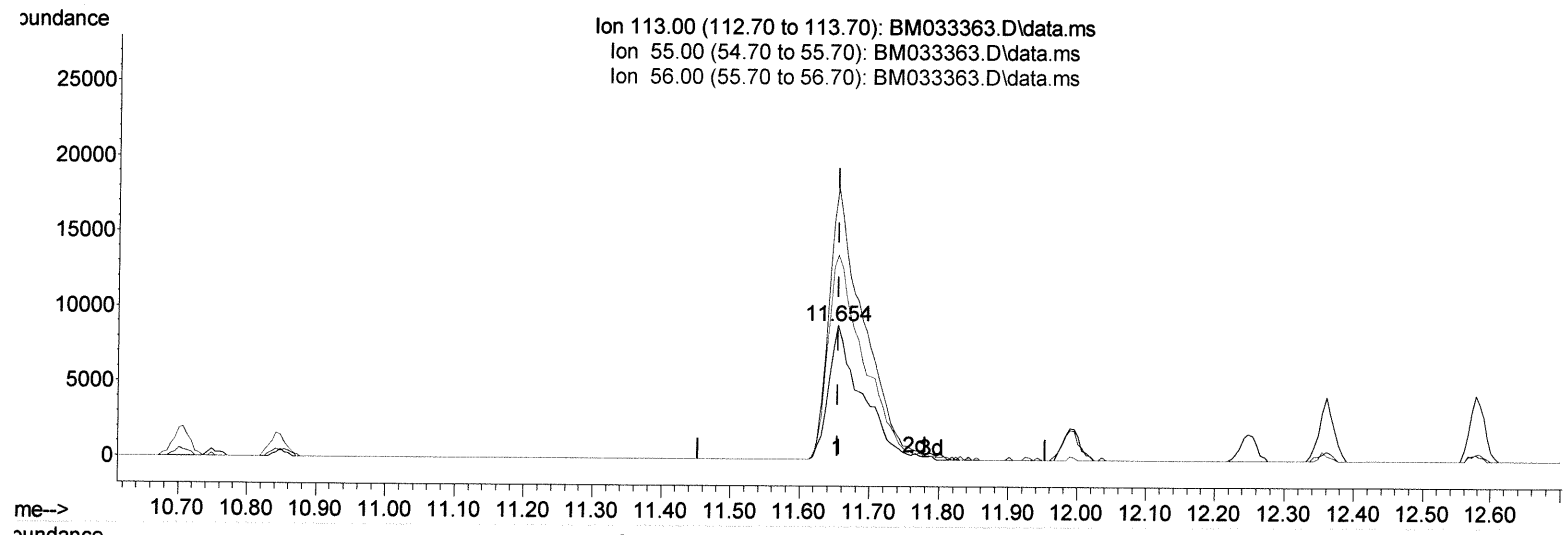

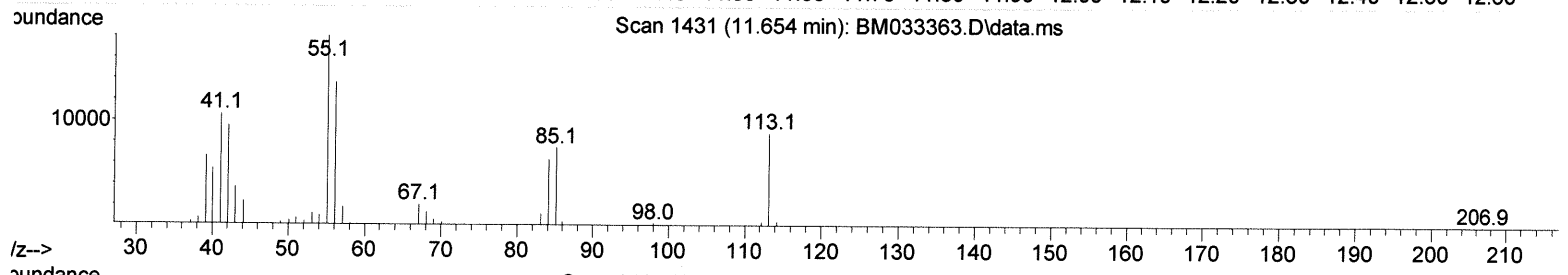

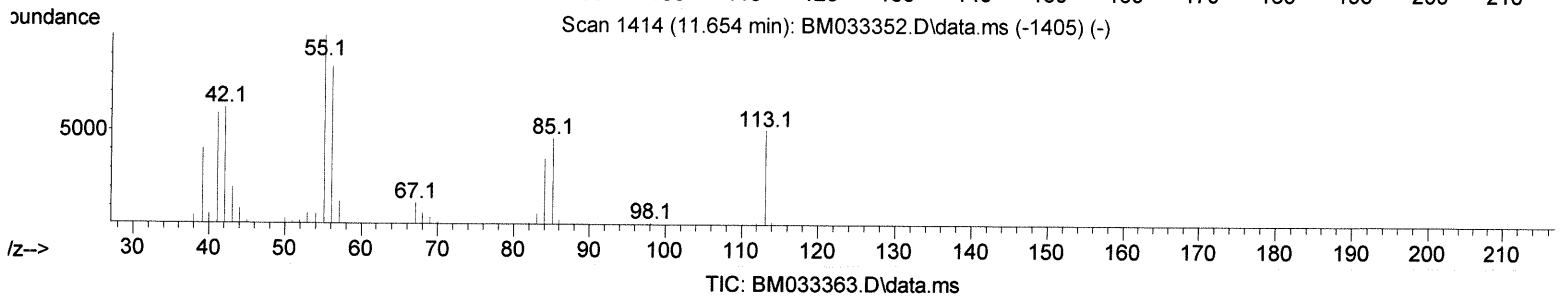

TIC: BM033363.D\data.ms

(34) Caprolactam

11.654min (+ 0.000) 20.56 ng/ul

response 20195

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	202.67
56.00	164.70	152.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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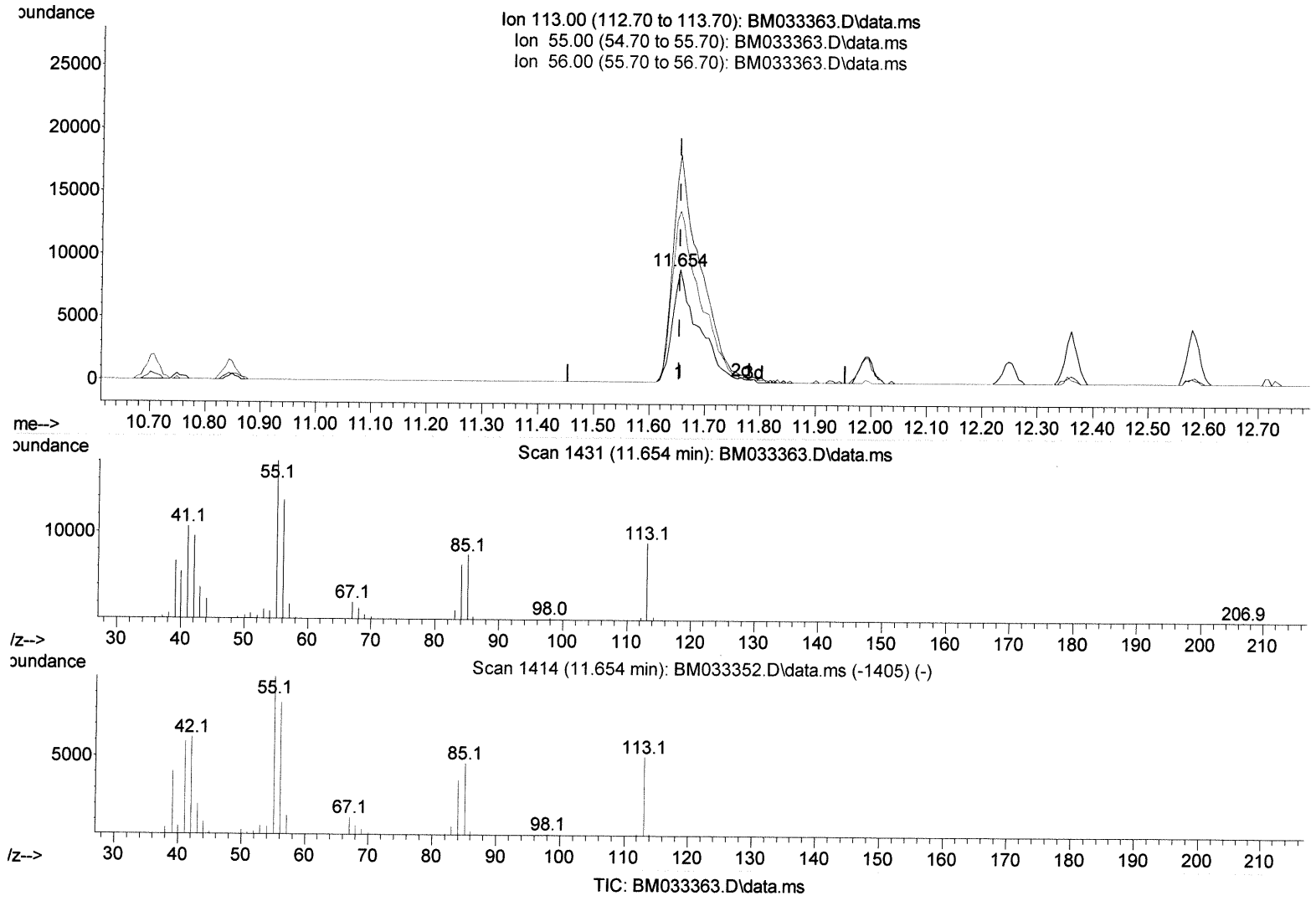

(34) Caprolactam

11.654min (+ 0.000) 30.12 ng/ul m

response 29584

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	202.67
56.00	164.70	152.69
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	44658	20.000	ng/ul	0.00
20) Naphthalene-d8	10.707	136	182854	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	125334	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	285990	20.000	ng/ul	0.00
79) Chrysene-d12	21.436	240	296355	20.000	ng/ul	0.00
88) Perylene-d12	23.759	264	281485	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	5485m	4.615	ng/uL	0.00
4) Pyridine-d5	3.784	84	85675	24.865	ng/ul	0.00
7) Phenol-d5	7.078	99	115977	27.426	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	76578	27.661	ng/ul	0.00
11) 2-Chlorophenol-d4	7.443	132	85337	28.823	ng/ul	0.00
15) 4-Methylphenol-d8	8.619	113	90149	27.236	ng/ul	0.00
21) Nitrobenzene-d5	9.072	128	44053	29.691	ng/ul	0.00
24) 2-Nitrophenol-d4	9.789	143	47165	30.984	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	90399	31.424	ng/ul	0.00
31) 4-Chloroaniline-d4	10.848	131	127793	29.962	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	293960	31.390	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	357003	30.752	ng/ul	0.00
54) 4-Nitrophenol-d4	14.748	143	53605	31.527	ng/ul	0.00
60) Fluorene-d10	15.524	176	259678	31.001	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	46239	26.788	ng/ul	0.00
73) Anthracene-d10	17.371	188	422924	29.923	ng/ul	0.00
81) Pyrene-d10	19.659	212	513115	30.979	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.612	264	475073	31.137	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	12346	9.334	ng/uL	94
5) Pyridine	3.802	79	84309	23.758	ng/ul	98
6) Benzaldehyde	7.054	77	80105m	34.001	ng/ul	
8) Phenol	7.107	94	114574	26.304	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.337	93	85367	26.051	ng/ul	99
12) 2-Chlorophenol	7.478	128	84107	27.471	ng/ul	97
13) 2-Methylphenol	8.354	108	81620	25.846	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.431	45	148687m	26.297	ng/ul	
16) Acetophenone	8.737	105	144182	26.296	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.713	70	82623	27.568	ng/ul	97
18) 4-Methylphenol	8.684	108	90311	26.138	ng/ul	95
19) Hexachloroethane	8.984	117	41350	26.733	ng/ul#	90
22) Nitrobenzene	9.113	77	123106	28.340	ng/ul	99
23) Isophorone	9.636	82	213682	28.727	ng/ul	98
25) 2-Nitrophenol	9.825	139	47231	29.267	ng/ul	97
26) 2,4-Dimethylphenol	9.878	107	104712	26.760	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.113	93	117702	28.136	ng/ul	98
29) 2,4-Dichlorophenol	10.354	162	83170	28.560	ng/ul	96
30) Naphthalene	10.754	128	283084	27.781	ng/ul	99
32) 4-Chloroaniline	10.872	127	108203	25.241	ng/ul	97
33) Hexachlorobutadiene	11.031	225	58772	27.571	ng/ul	96
34) Caprolactam	11.654	113	29584m	30.124	ng/ul	
35) 4-Chloro-3-methylphenol	11.989	107	103910	30.398	ng/ul	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	196355	28.415 ng/ul	98
37) 1-Methylnaphthalene	12.577	142	206715	28.784 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	107085	28.358 ng/ul	99
40) Hexachlorocyclopentadiene	12.701	237	76096	30.875 ng/ul	97
41) 2,4,6-Trichlorophenol	12.972	196	68272	30.714 ng/ul	98
42) 2,4,5-Trichlorophenol	13.048	196	74422	30.905 ng/ul	91
43) 1,1'-Biphenyl	13.372	154	277902	28.983 ng/ul	97
44) 2-Chloronaphthalene	13.413	162	211354	28.650 ng/ul	98
45) 2-Nitroaniline	13.624	65	83074	31.576 ng/ul	97
47) Dimethylphthalate	13.989	163	272739	29.332 ng/ul	100
48) 2,6-Dinitrotoluene	14.113	165	56239	31.289 ng/ul	92
50) Acenaphthylene	14.260	152	358380	29.650 ng/ul	100
51) 3-Nitroaniline	14.448	138	54227	30.650 ng/ul	99
52) Acenaphthene	14.595	153	235770	29.391 ng/ul	96
53) 2,4-Dinitrophenol	14.654	184	28412	26.898 ng/ul	93
55) 4-Nitrophenol	14.760	109	57104	31.073 ng/ul	94
56) Dibenzofuran	14.930	168	340878	29.303 ng/ul	100
57) 2,4-Dinitrotoluene	14.901	165	84346	31.944 ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.160	232	65011	31.758 ng/ul	97
59) Diethylphthalate	15.348	149	294915	30.560 ng/ul	99
61) Fluorene	15.583	166	285059	29.803 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.571	204	142668	29.901 ng/ul	97
63) 4-Nitroaniline	15.607	138	65592	36.103 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.660	198	42637	24.797 ng/ul	96
67) N-Nitrosodiphenylamine	15.789	169	240844	28.642 ng/ul	99
68) 4-Bromophenyl-phenylether	16.465	248	81445	28.274 ng/ul	96
69) Hexachlorobenzene	16.577	284	95461	28.763 ng/ul	98
70) Atrazine	16.736	200	93834	28.123 ng/ul	99
71) Pentachlorophenol	16.924	266	61297	32.936 ng/ul	94
72) Phenanthrene	17.318	178	471015	28.549 ng/ul	98
74) Anthracene	17.407	178	478815	28.625 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.336	216	109639	26.581 ng/uL	95
76) Pentachlorobenzene	14.848	250	108363	26.604 ng/uL	96
77) Carbazole	17.677	167	431820	28.562 ng/ul	99
78) Di-n-butylphthalate	18.230	149	520042	30.656 ng/ul	99
80) Fluoranthene	19.324	202	570166	29.204 ng/ul	98
82) Pyrene	19.689	202	598825	29.299 ng/ul	98
83) Butylbenzylphthalate	20.571	149	245609	31.371 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.353	252	163525	24.277 ng/ul	96
85) Benzo(a)anthracene	21.418	228	563756	28.953 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	352559	31.332 ng/ul	100
87) Chrysene	21.471	228	556909	29.101 ng/ul	98
89) Di-n-octyl phthalate	22.242	149	609285	29.522 ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	568666	29.486 ng/ul	99
91) Benzo(k)fluoranthene	23.100	252	540114	30.247 ng/ul	98
93) Benzo(a)pyrene	23.659	252	551932	29.826 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.135	276	576380	28.640 ng/ul	97
95) Dibenzo(a,h)anthracene	26.147	278	505744	28.890 ng/ul	97
96) Benzo(g,h,i)perylene	26.865	276	496910	28.949 ng/ul	99

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