

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

mohammad
5/26/2021 4:27:51 PM

Abundance

TIC: BN014752.D

Time-->

Pyridine-d5, S

1,4-Dioxane-d8, S

Bis(2-chloroethyl)amine, S

1,4-Dichlorobenzene-d4, I

2,2'-oxybis(1-chloroethyl)phenol, S

N,N'-bis(2-chloroethyl)propane-1,3-diamine, P

Nitrobenzene, S

2,3-Dimethyl-1,4-dioxane, S

Bis(2-chloroethyl)methane, S

2,3-Dichlorobenzene, S

4-Chlorobenzene, S

Hexachlorobutadiene, C

Caprolactam

4-Chloro-3-methylphenol, C

2-Methylnaphthalene

1-Methyl-2-naphthol, C

2,4,5-Trichlorophenol, C

2,4-Dichlorobenzene

2-Nitroaniline

2,6-Dinitrotoluene, S

3-Nitroaniline

2,3,5-Trinitrobenzoic acid, S

2,3,4,6-Tetrachlorobenzene

4-(2-Dimethylamino)phenol, S

N-Vinylcarbazole

N-Vinyl-2-pyrrolidone, S

4-Bromobenzophenone, S

4-Bromobenzophenone, S

Pentachlorobenzene, C

Carbazole

Di-n-butylphthalate

Fluoranthene

Pyrene, S

Butylbenzylphthalate

Di-n-octyl phthalate

Benzobenzophenone

Benzobenzophenone, C

Indeno(1,2,3-cd)pyrene, S

Benzo(g,h,i)perylene

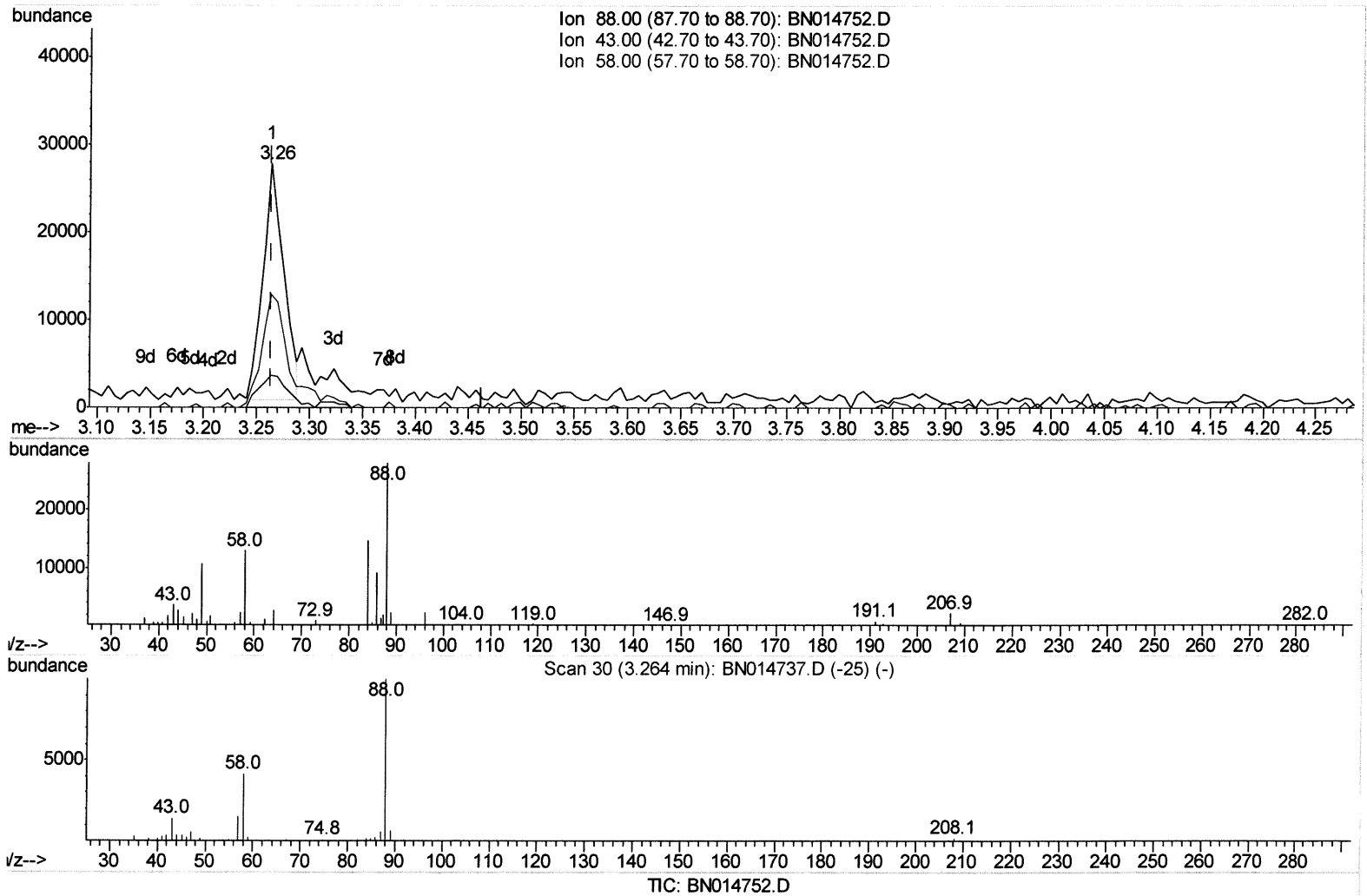
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052521\
 Data File : BN014752.D
 Acq On : 26 May 2021 01:58
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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Manual Integrations
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Quant Time: May 26 02:38:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 26 01:23:55 2021
 Response via : Initial Calibration



(2) 1,4-Dioxane

3.264min (-0.000) 6.36ng/uL

response 37036

Ion	Exp%	Act%
88.00	100	100
43.00	17.20	13.24#
58.00	46.40	46.48
0.00	0.00	0.00

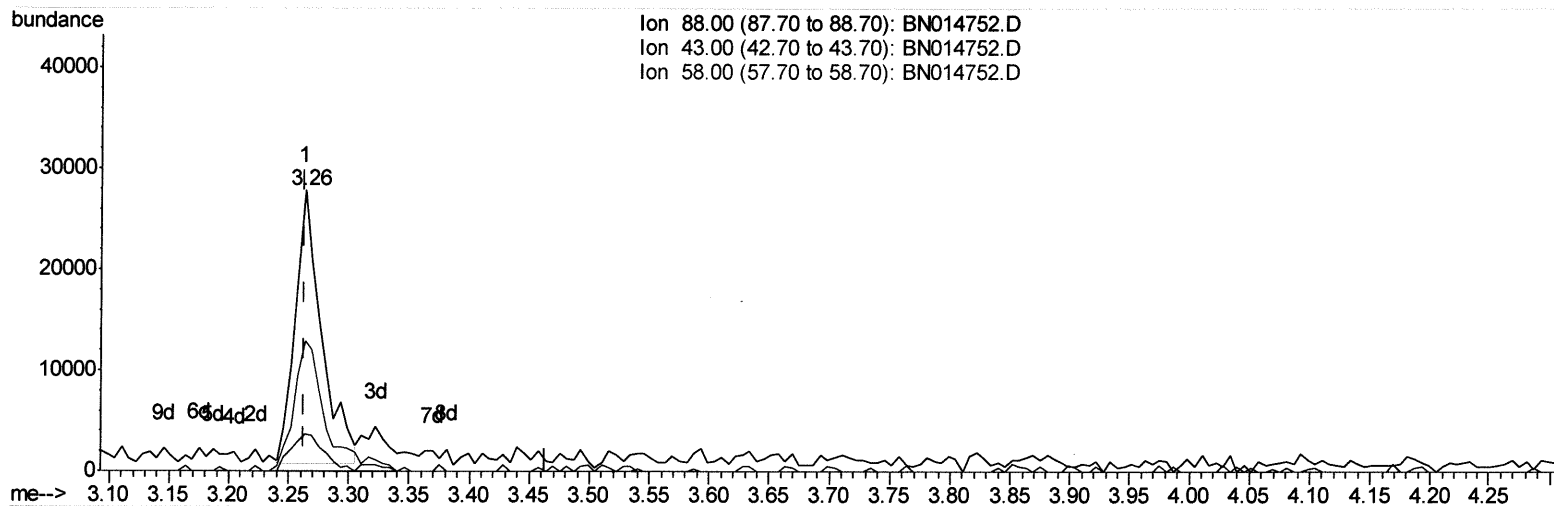
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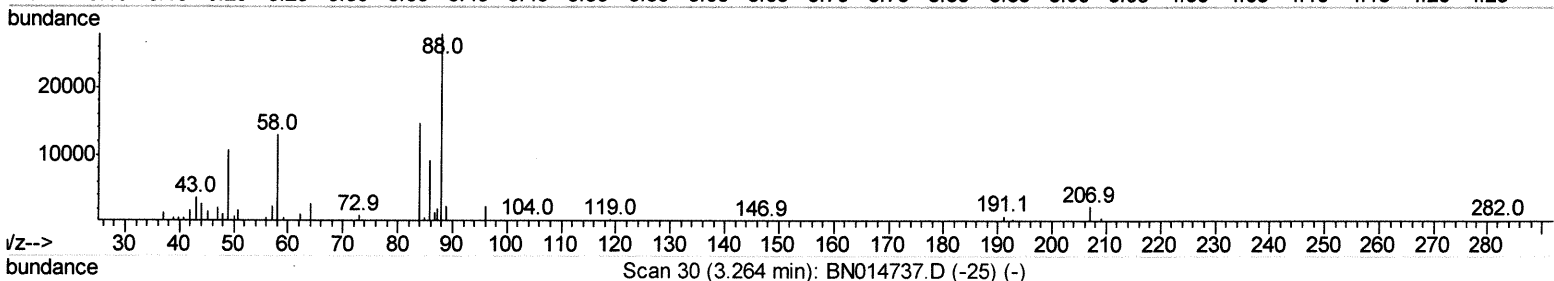
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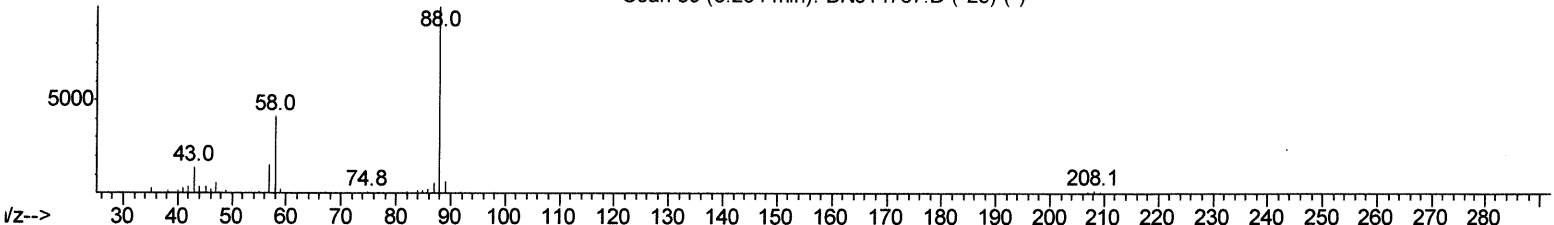
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Ion 88.00 (87.70 to 88.70): BN014752.D
 Ion 43.00 (42.70 to 43.70): BN014752.D
 Ion 58.00 (57.70 to 58.70): BN014752.D



Scan 30 (3.264 min): BN014737.D (-25) (-)



TIC: BN014752.D

(2) 1,4-Dioxane

3.264min (-0.000) 7.11ng/uL m

response 41407

Ion	Exp%	Act%
88.00	100	100
43.00	17.20	13.24#
58.00	46.40	46.48
0.00	0.00	0.00

Handwritten signature: JU 5/27/21

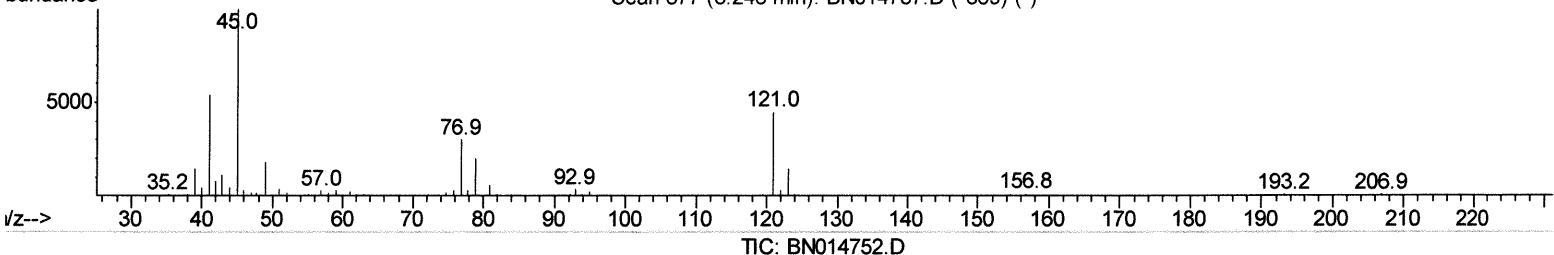
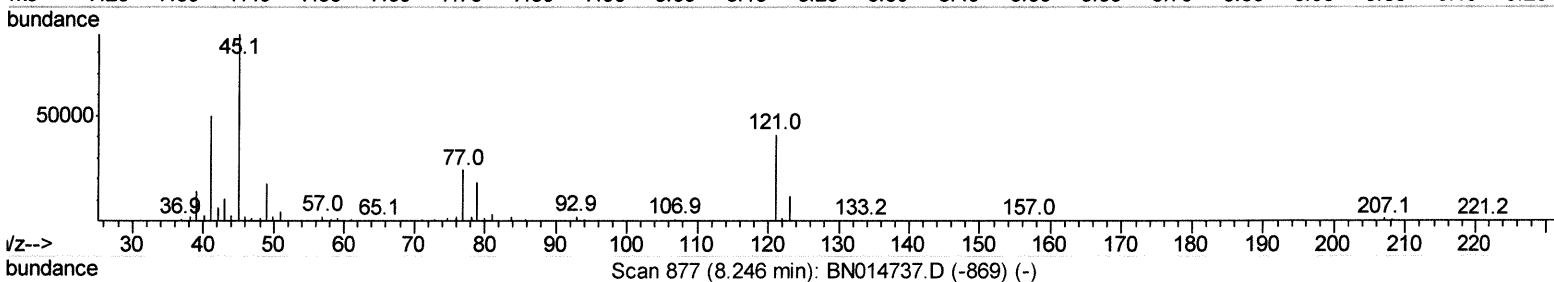
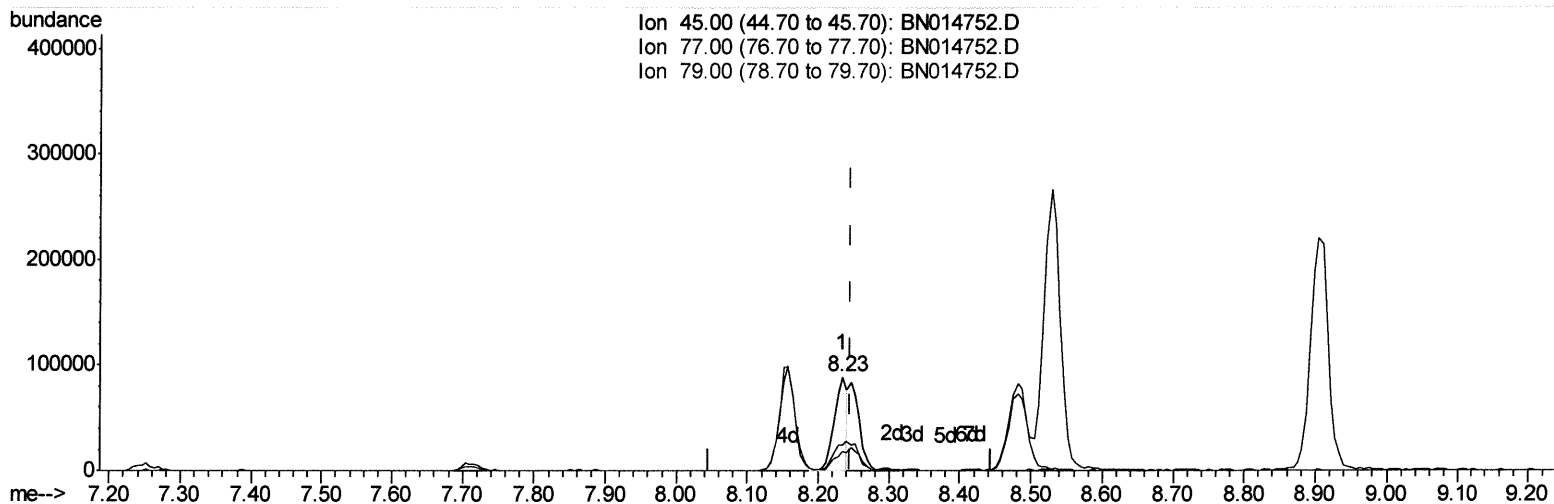
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TIC: BN014752.D

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

8.234min (-0.012) 11.23ng/ul

response 111262

Ion	Exp%	Act%
45.00	100	100
77.00	32.30	27.40
79.00	26.80	21.16#
0.00	0.00	0.00

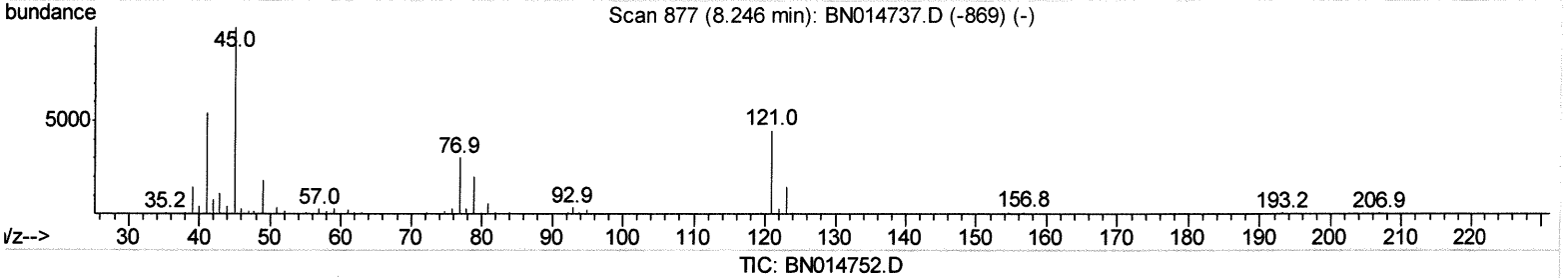
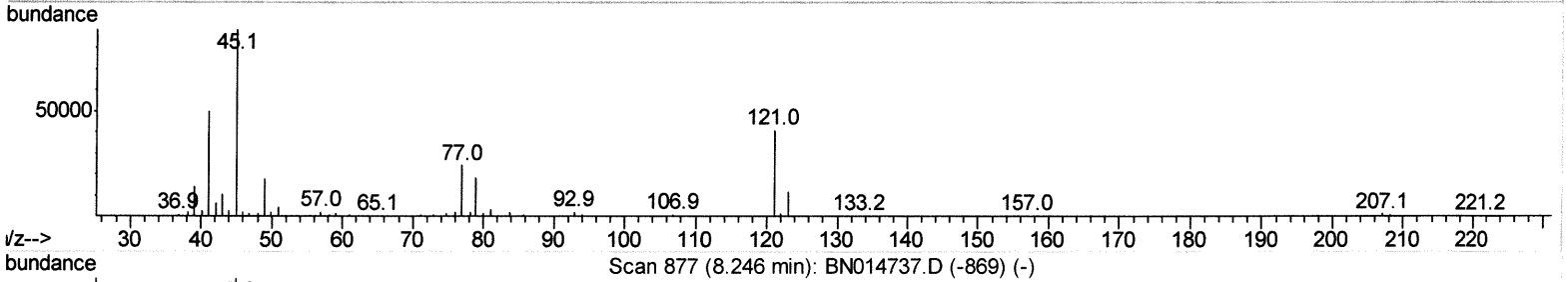
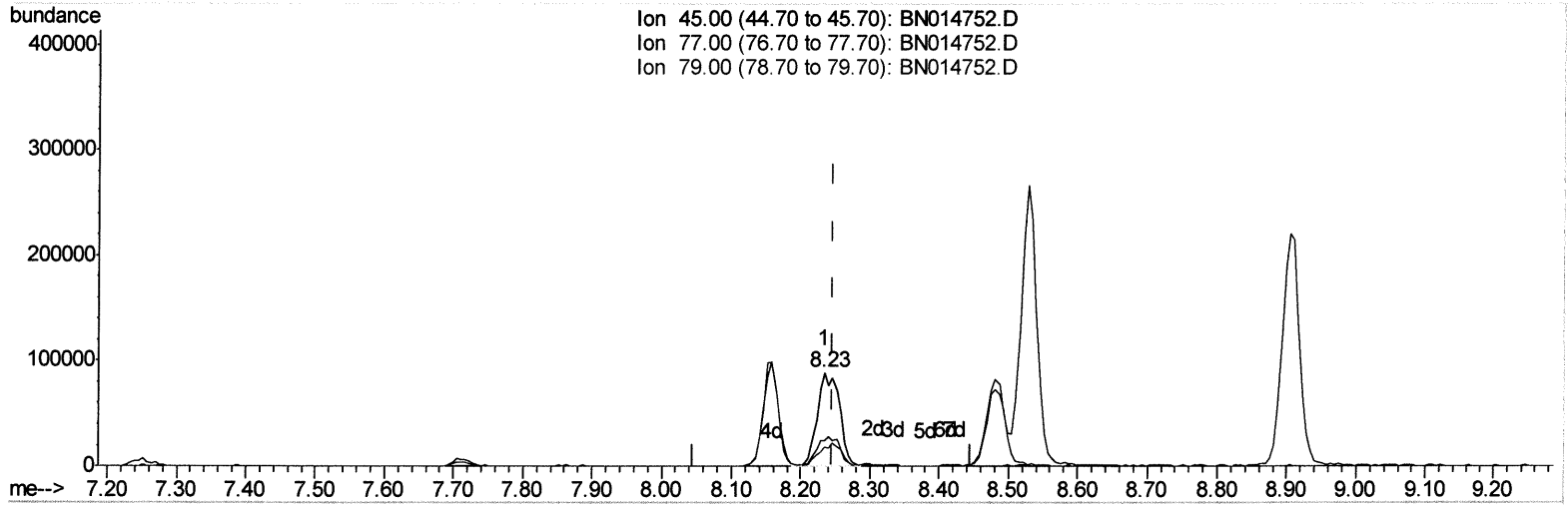
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(14) 2,2'-oxybis(1-Chloropropane)

8.234min (-0.012) 19.94ng/ul m

response 197597

Ion	Exp%	Act%
45.00	100	100
77.00	32.30	27.40
79.00	26.80	21.16#
0.00	0.00	0.00

JU 5/27/21

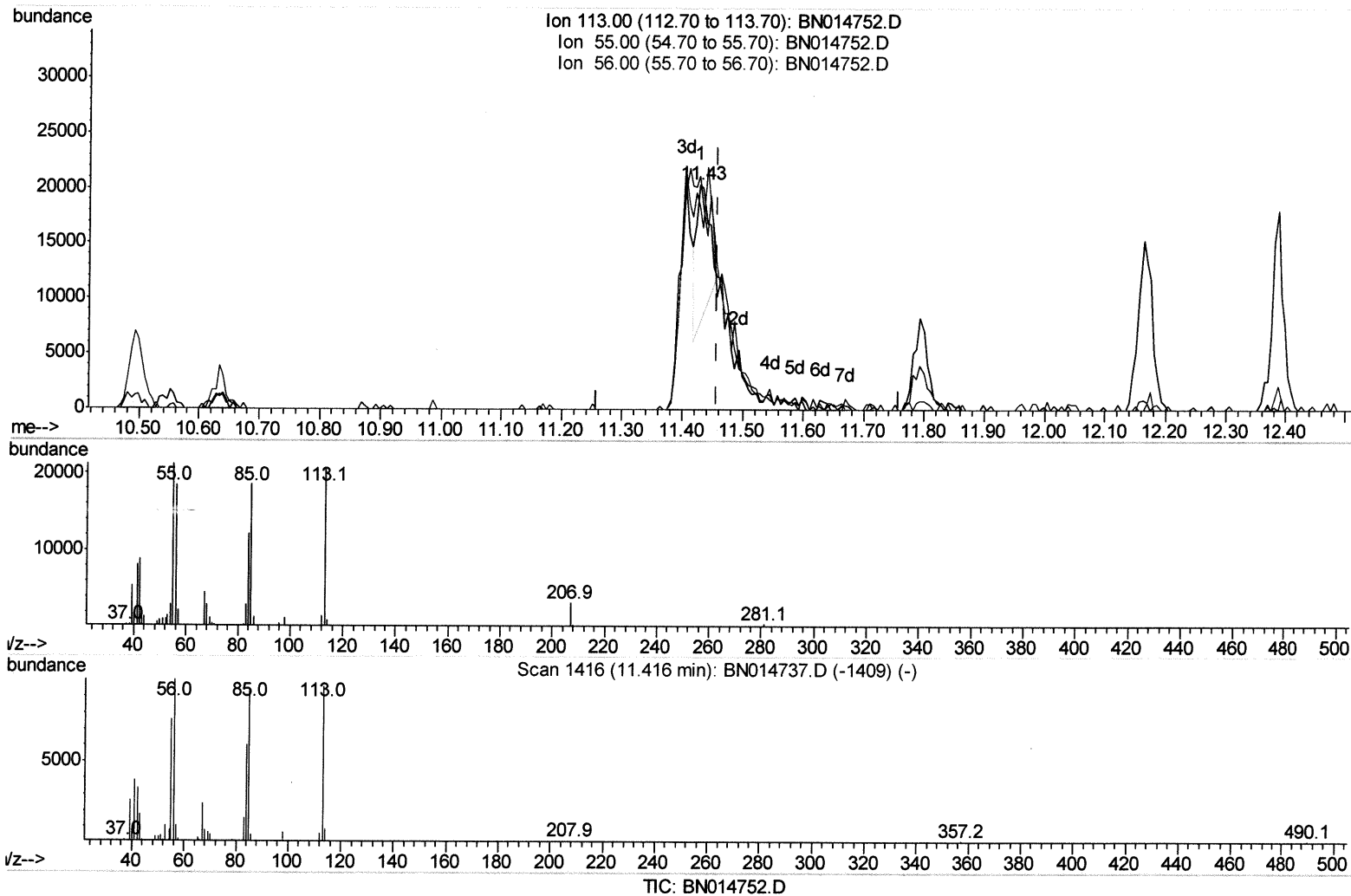
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(34) Caprolactam

11.428min (-0.029) 3.86ng/ul

response 18491

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	103.72
56.00	73.20	90.20#
0.00	0.00	0.00

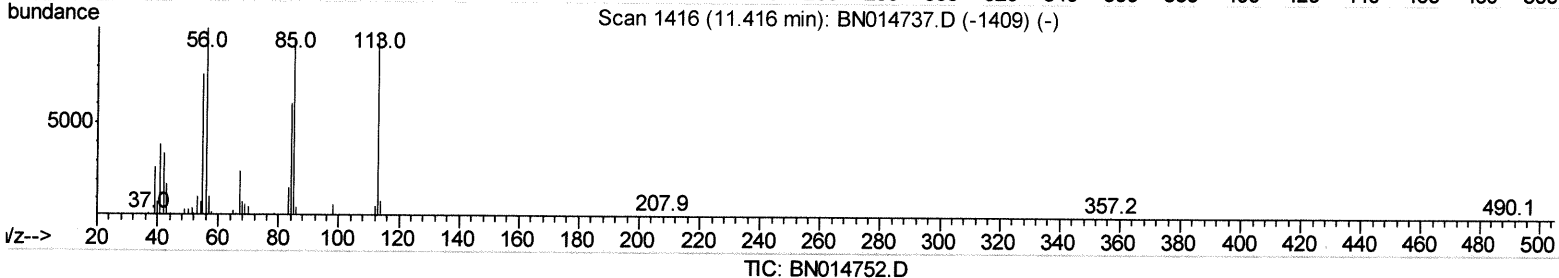
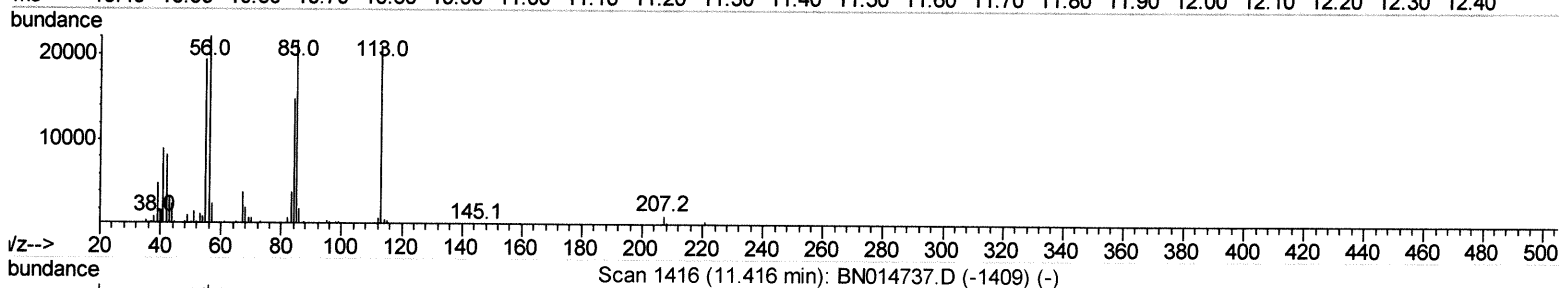
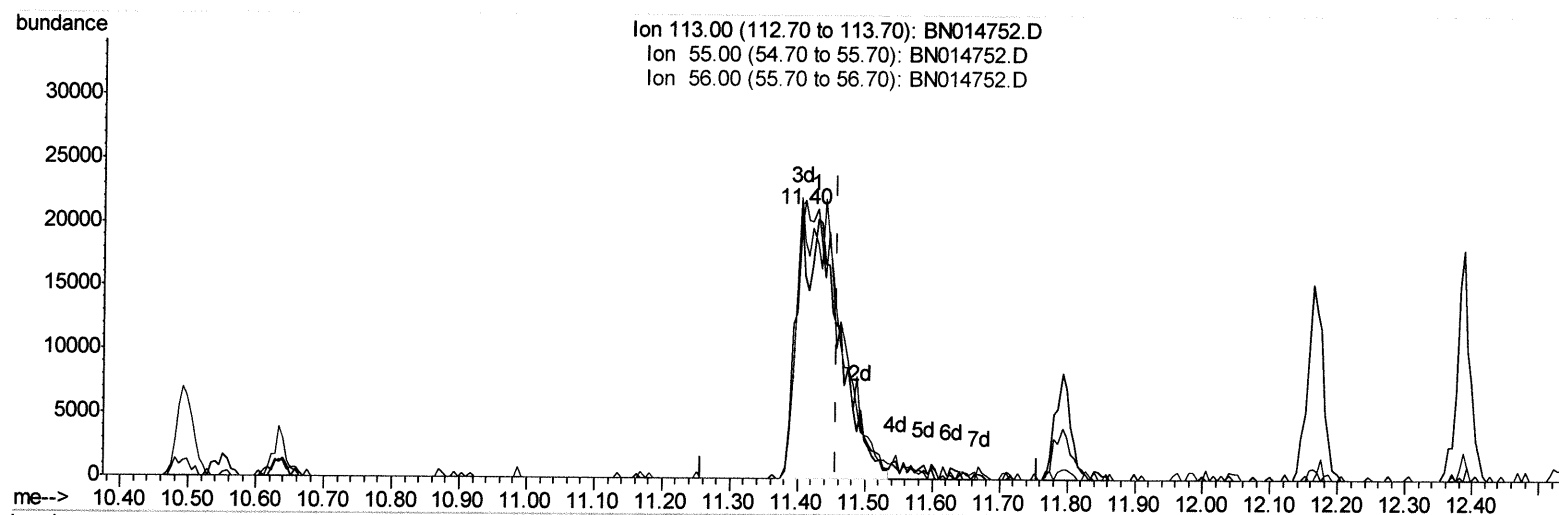
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(34) Caprolactam

11.404min (-0.053) 18.42ng/ul m

response 88171

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	91.95#
56.00	73.20	104.67#
0.00	0.00	0.00

345/237/21

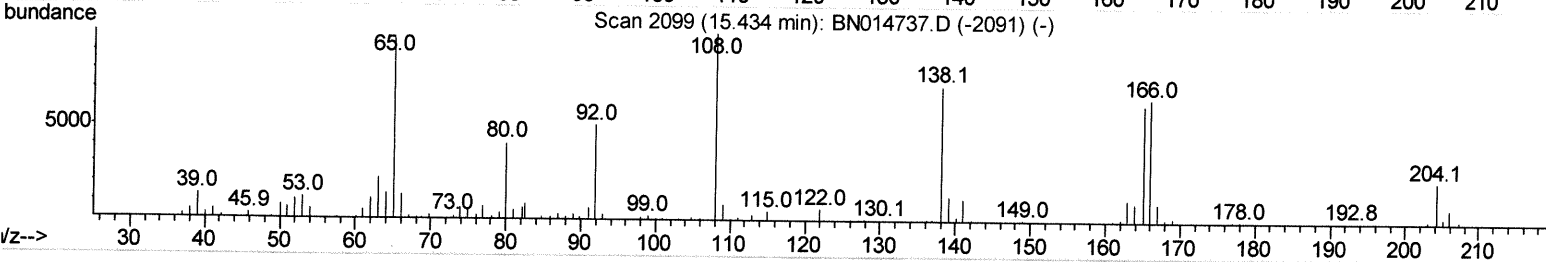
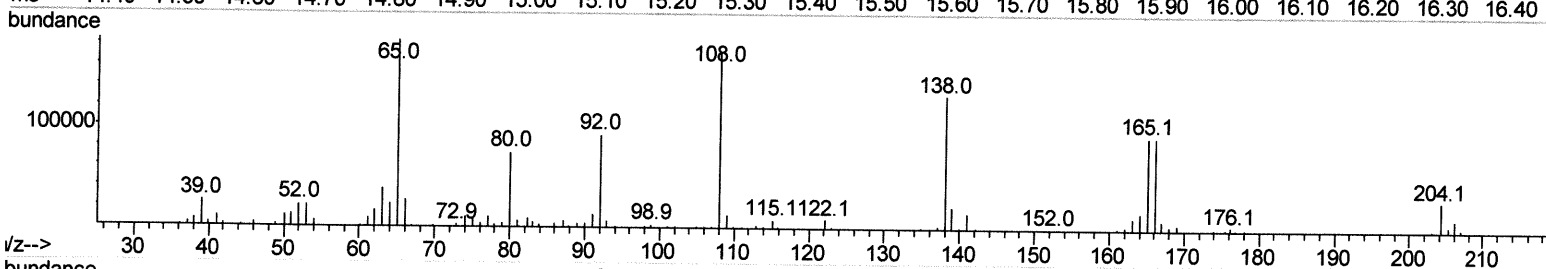
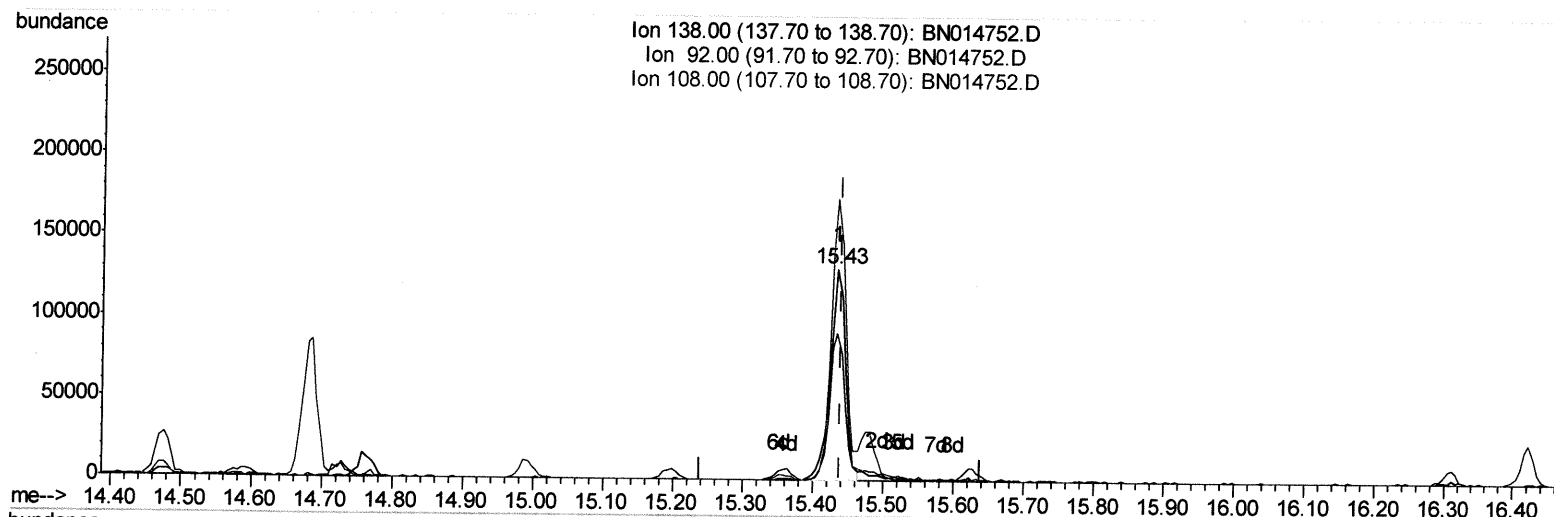
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TIC: BN014752.D

(63) 4-Nitroaniline

15.434min (-0.006) 20.53ng/ul

response 194600

Ion	Exp%	Act%
138.00	100	100
92.00	71.90	69.88
108.00	136.60	133.21
0.00	0.00	0.00

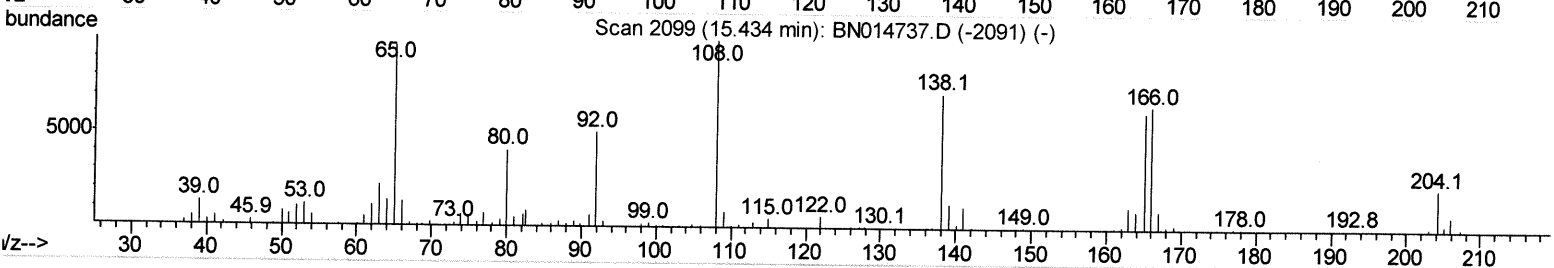
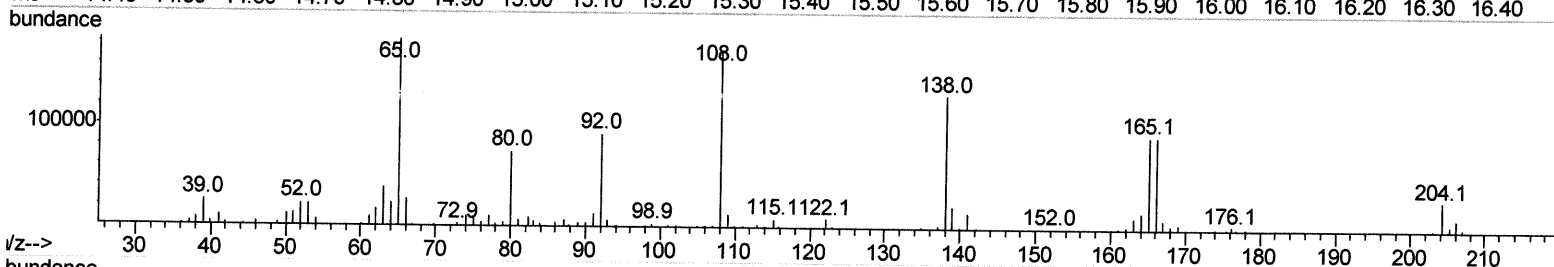
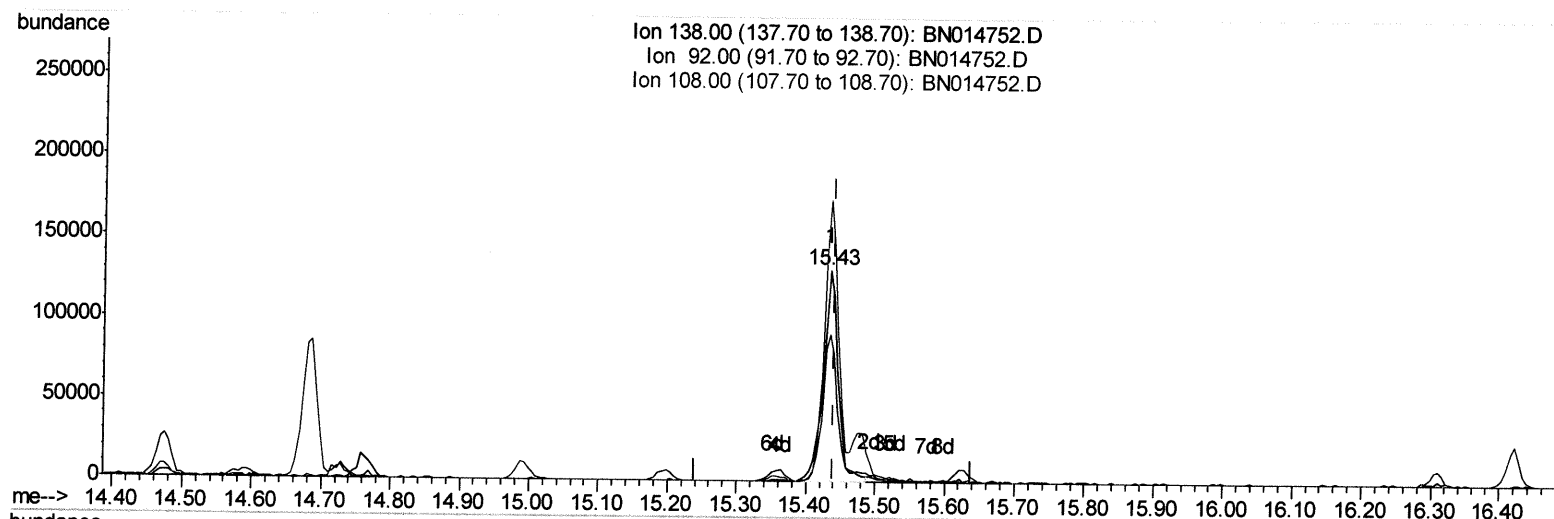
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TIC: BN014752.D

(63) 4-Nitroaniline

15.434min (-0.006) 21.15ng/ul m

response 200487

Ion	Exp%	Act%
138.00	100	100
92.00	71.90	69.88
108.00	136.60	133.21
0.00	0.00	0.00

JU 5/26/21

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Quant Time: Mav 26 02:50:14 2021

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Quant Title : SVOA CALIBRATION

QLast Update : Wed May 26 01:23:55 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	202004	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	836966	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	658506	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1591993	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	2021180	20.00	ng/ul	0.00
88) Perylene-d12	23.57	264	2550907	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	35597	7.18	ng/uL	0.00
4) Pvrindine-d5	3.63	84	225406	18.04	ng/ul	0.00
7) Phenol-d5	6.89	99	377781	19.10	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	186295	18.94	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	245439	20.04	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	293178	19.06	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	131720	20.89	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	136294	20.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	296100	19.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	355091	19.49	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1039506	19.87	ng/ul	0.00
49) Acenaphthylene-d8	14.05	160	1209208	19.99	ng/ul	0.00
54) 4-Nitrophenol-d4	14.57	143	158793	19.11	ng/ul	0.00
60) Fluorene-d10	15.36	176	898944	19.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	171647	19.71	ng/ul	0.00
73) Anthracene-d10	17.22	188	1524486	20.50	ng/ul	0.00
81) Pyrene-d10	19.52	212	1954263	20.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.43	264	2712879	19.97	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	41407m	7.110	ng/uL	> 54.5/27/21
5) Pvrindine	3.65	79	238811	18.242	ng/ul	89
6) Benzaldehyde	6.86	77	250104	23.481	ng/ul	90
8) Phenol	6.91	94	397000	19.506	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.14	93	301217	19.175	ng/ul	95
12) 2-Chlorophenol	7.28	128	254915	19.882	ng/ul	97
13) 2-Methylphenol	8.16	108	296428	19.833	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.23	45	197597m	19.940	ng/ul	> 54.5/27/21
16) Acetophenone	8.53	105	520265	20.437	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.52	70	258586	21.089	ng/ul#	95
18) 4-Methylphenol	8.48	108	316090	19.390	ng/ul	99
19) Hexachloroethane	8.79	117	123315	19.210	ng/ul	95
22) Nitrobenzene	8.90	77	388003	19.719	ng/ul	93
23) Isophorone	9.43	82	729012	19.511	ng/ul	99
25) 2-Nitrophenol	9.62	139	143306	19.899	ng/ul	91
26) 2,4-Dimethylphenol	9.68	107	423485	19.102	ng/ul	94
27) Bis(2-Chloroethoxy)methane	9.92	93	431629	19.012	ng/ul#	93
29) 2,4-Dichlorophenol	10.15	162	293187	19.785	ng/ul	95
30) Naphthalene	10.55	128	882441	19.398	ng/ul	99
32) 4-Chloroaniline	10.66	127	381238	19.665	ng/ul	96
33) Hexachlorobutadiene	10.83	225	259365	19.574	ng/ul	92
34) Caprolactam	11.40	113	88171m	18.416	ng/ul	> 54.5/27/21

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35) 4-Chloro-3-methylphenol	11.79	107	419957	19.556	ng/ul	94
36) 2-Methylnaphthalene	12.17	142	679692	20.044	ng/ul	94
37) 1-Methylnaphthalene	12.39	142	655411	19.659	ng/ul	85
39) 1,2,4,5-Tetrachlorobenzene	12.54	216	483403	19.415	ng/ul	92
40) Hexachlorocyclopentadiene	12.52	237	320912	19.456	ng/ul	98
41) 2,4,6-Trichlorophenol	12.79	196	274117	19.606	ng/ul	91
42) 2,4,5-Trichlorophenol	12.86	196	301905	19.786	ng/ul	99
43) 1,1'-Biphenyl	13.19	154	911750	19.355	ng/ul	97
44) 2-Chloronaphthalene	13.23	162	768181	20.351	ng/ul	98
45) 2-Nitroaniline	13.43	65	233814	20.338	ng/ul	98
47) Dimethylphthalate	13.82	163	1015798	19.631	ng/ul	98
48) 2,6-Dinitrotoluene	13.94	165	196714	20.457	ng/ul	93
50) Acenaphthylene	14.08	152	1111516	19.983	ng/ul	98
51) 3-Nitroaniline	14.27	138	186821	20.023	ng/ul	90
52) Acenaphthene	14.43	153	794610	19.716	ng/ul	98
53) 2,4-Dinitrophenol	14.47	184	131269	18.802	ng/ul	99
55) 4-Nitrophenol	14.59	109	230636	14.476	ng/ul	93
56) Dibenzofuran	14.76	168	1205537	20.108	ng/ul	92
57) 2,4-Dinitrotoluene	14.73	165	315770	20.606	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	310931	19.810	ng/ul	98
59) Diethylphthalate	15.19	149	985797	19.817	ng/ul	95
61) Fluorene	15.42	166	932963	20.684	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.42	204	538139	20.166	ng/ul	96
63) 4-Nitroaniline	15.43	138	200487m	21.154	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.49	198	174025	20.429	ng/ul	98
67) N-Nitrosodiphenylamine	15.63	169	890824	20.775	ng/ul	98
68) 4-Bromophenyl-phenylether	16.31	248	421320	20.324	ng/ul	90
69) Hexachlorobenzene	16.43	284	520386	20.066	ng/ul#	90
70) Atrazine	16.58	200	365782	20.629	ng/ul	94
71) Pentachlorophenol	16.77	266	268409	17.976	ng/ul	95
72) Phenanthrene	17.16	178	1689367	20.309	ng/ul	97
74) Anthracene	17.25	178	1732741	20.668	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	518950	19.727	ng/ul	95
76) Pentachlorobenzene	14.68	250	555344	20.411	ng/ul	97
77) Carbazole	17.52	167	1498309	21.206	ng/ul	99
78) Di-n-butylphthalate	18.09	149	1704569	20.474	ng/ul	98
80) Fluoranthene	19.18	202	2231319	19.855	ng/ul	98
82) Pyrene	19.55	202	2358456	20.408	ng/ul	98
83) Butylbenzylphthalate	20.46	149	800818	20.623	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.23	252	898685	23.583	ng/ul	97
85) Benzo(a)anthracene	21.30	228	2630971	20.882	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.24	149	1149535	20.538	ng/ul#	98
87) Chrysene	21.35	228	2573504	20.284	ng/ul	98
89) Di-n-octyl phthalate	22.12	149	2291934	20.308	ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	3071608	20.064	ng/ul	97
91) Benzo(k)fluoranthene	22.94	252	3035606	19.902	ng/ul	98
93) Benzo(a)pyrene	23.48	252	2718837	19.624	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.86	276	3760368	19.810	ng/ul	99
95) Dibenzo(a,h)anthracene	25.87	278	3115581	19.832	ng/ul	100
96) Benzo(g,h,i)perylene	26.56	276	3327195	19.805	ng/ul	95

> 74 5/27/21

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052521\
Data File : BN014752.D
Acq On : 26 May 2021 01:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations
APPROVED

mohammad
5/26/2021 4:27:51 PM

Quant Time: May 26 02:50:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 26 01:23:55 2021
Response via : Initial Calibration

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

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