

(QT Reviewed)

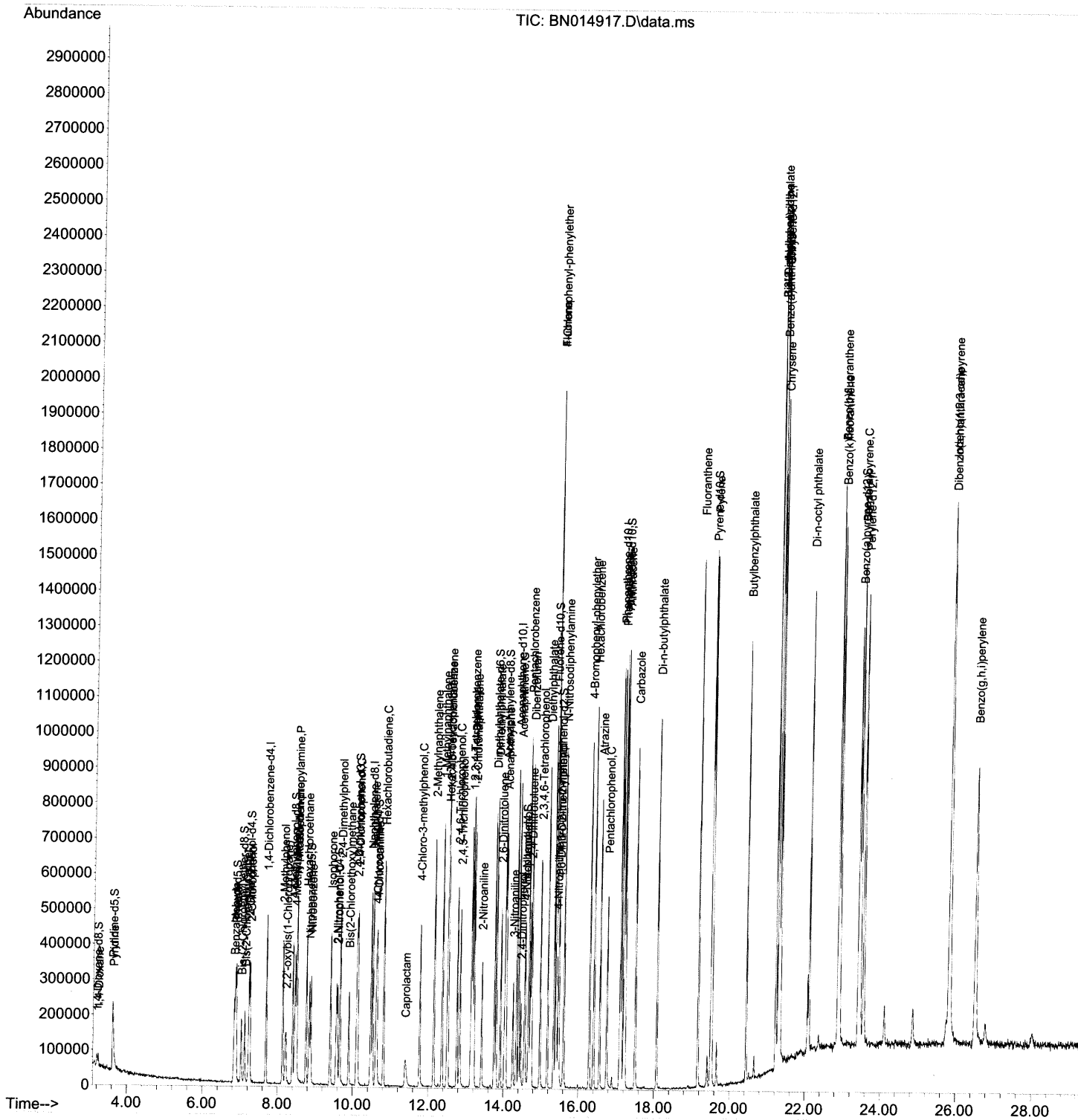
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Data File : BN014917.D
Acq On    : 15 Jun 2021  02:25
Operator  : CG/JU
Sample    : SSTDCCC020
Misc      :
ALS Vial  : 20   Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual Integrations

mohammad
6/15/2021 2:42:08 PM

Quant Time: Jun 15 09:25:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Mon Jun 14 10:46:06 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

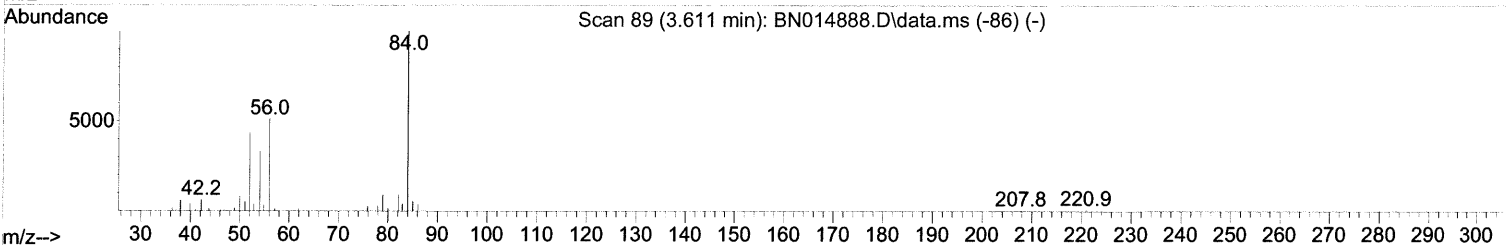
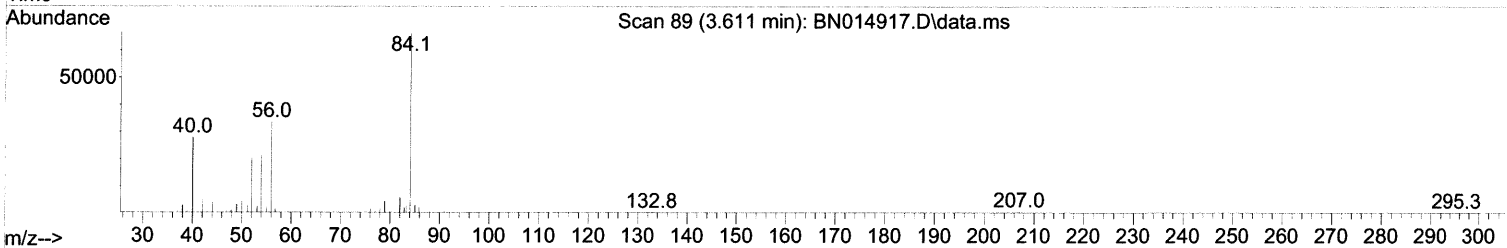
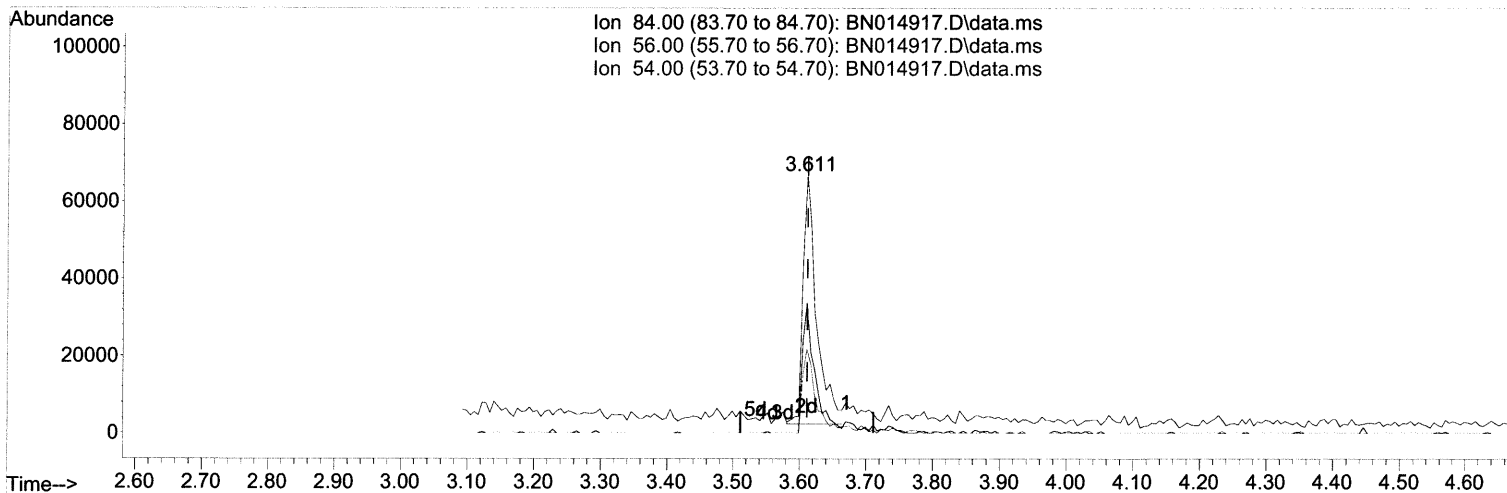
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014917.D
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TIC: BN014917.D\data.ms

(4) Pyridine-d5 (S)

3.611min (-0.000) 20.21 ng/ul m 06/16/21 JU

response 91820

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	44.70	50.62
54.00	24.70	32.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

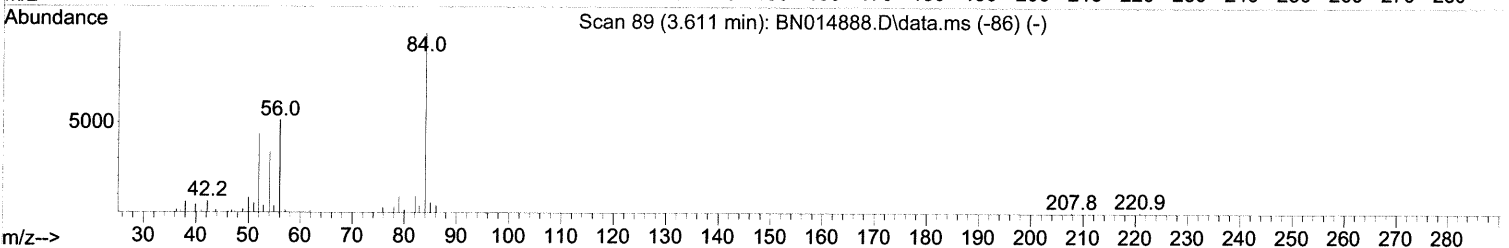
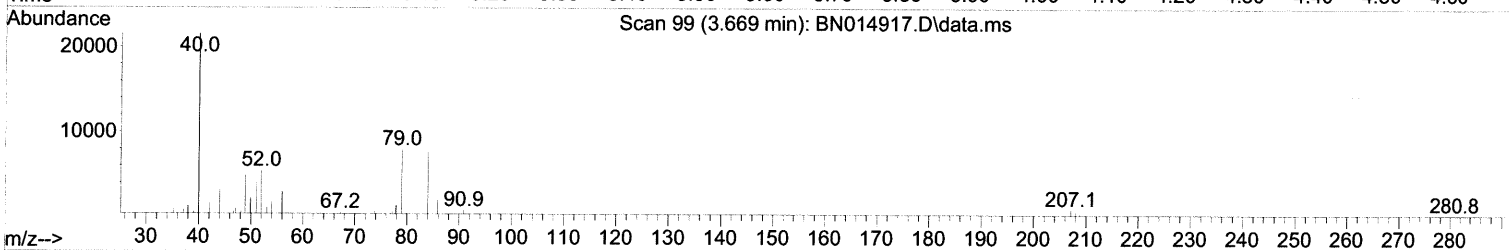
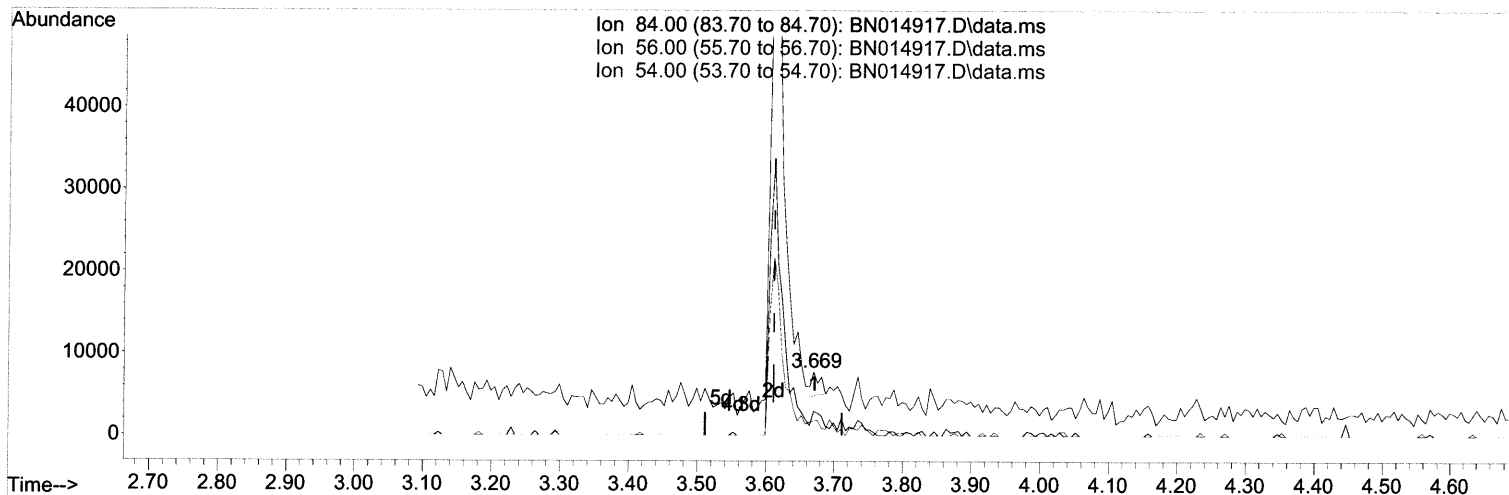
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(4) Pyridine-d5 (S)

3.669min (+ 0.059) 0.51 ng/ul

response 2331

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	44.70	38.05
54.00	24.70	23.47
0.00	0.00	0.00

Quantitation Report (Qedit)

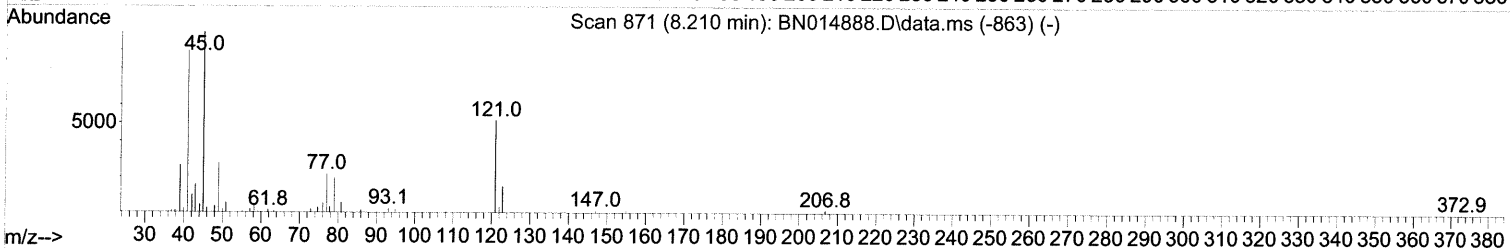
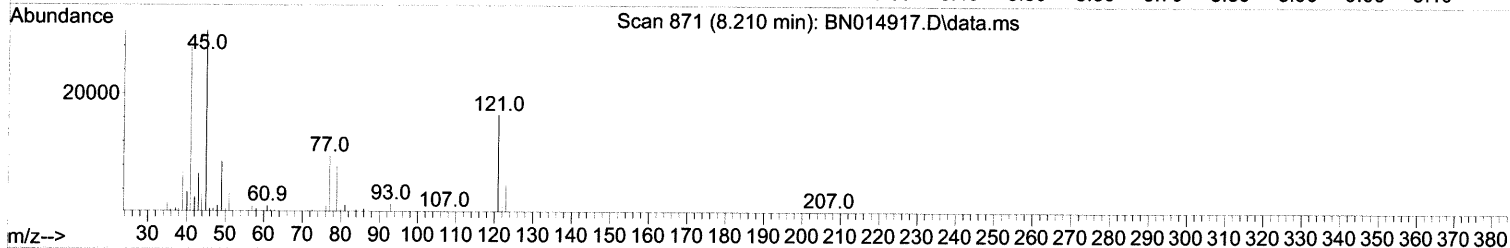
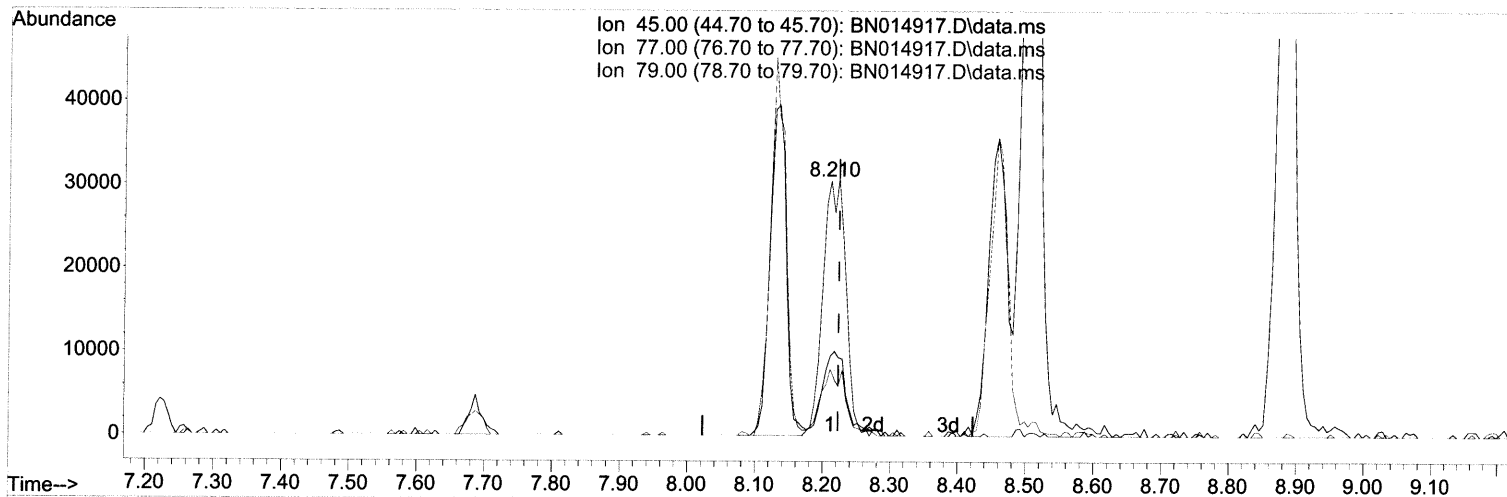
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(14) 2,2'-oxybis(1-Chloropropane)

8.210min (-0.012) 10.91 ng/ul

response 41336

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	32.30	31.33
79.00	26.80	26.17
0.00	0.00	0.00

Quantitation Report (Qedit)

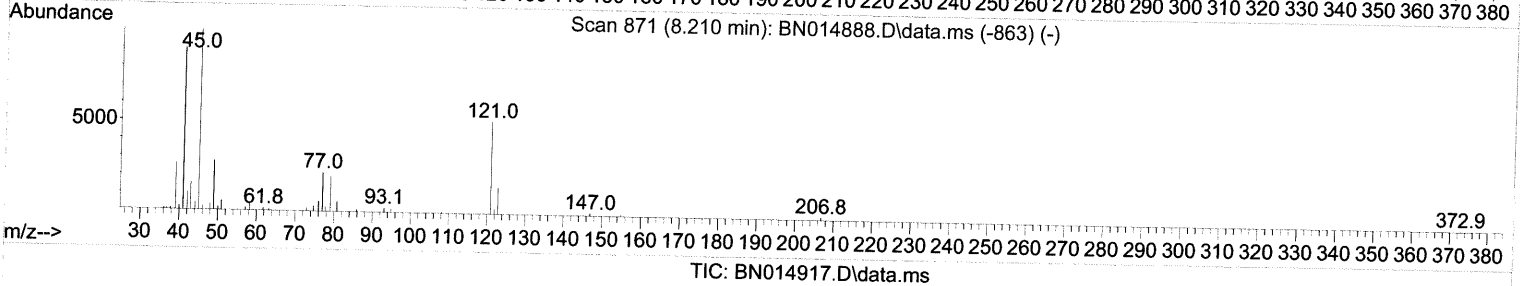
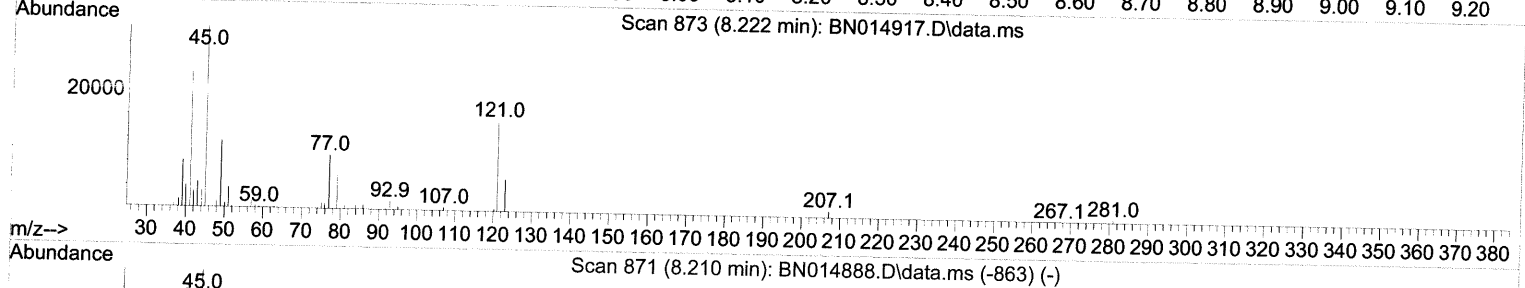
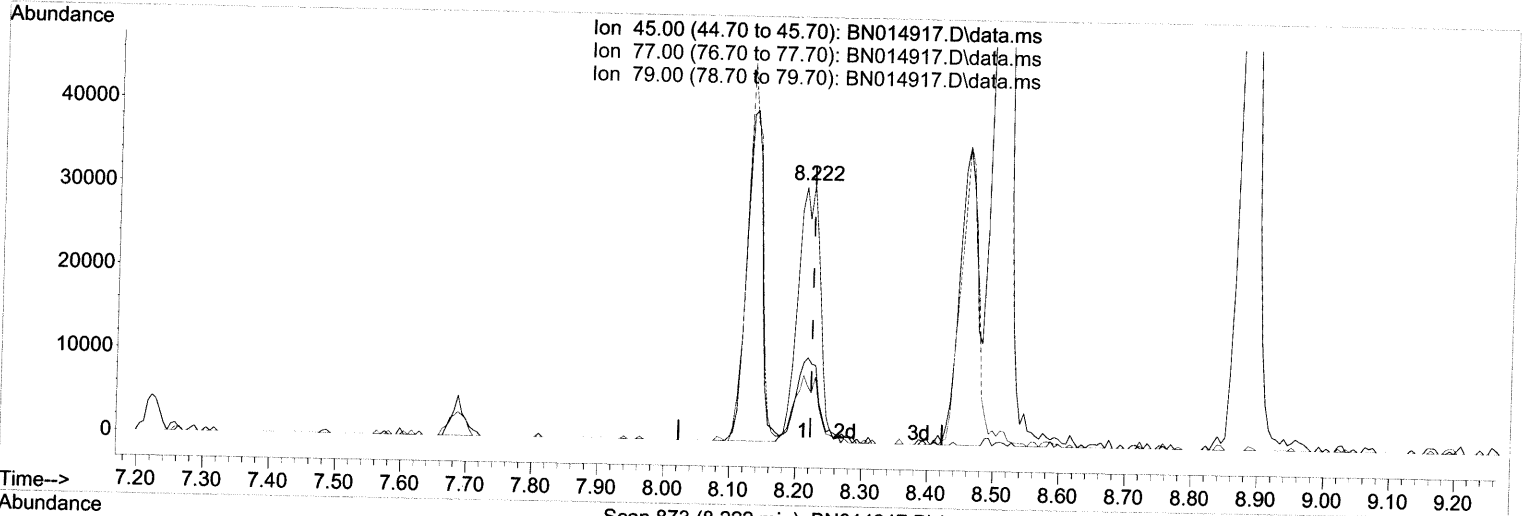
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(14) 2,2'-oxybis(1-Chloropropane)

8.222min (-0.000) 19.06 ng/ul m 06/16/21 JU

response 72244

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	32.30	30.38
79.00	26.80	19.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

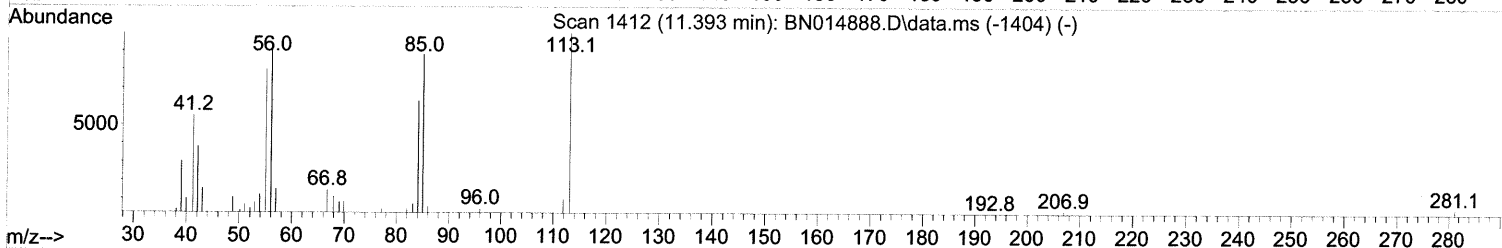
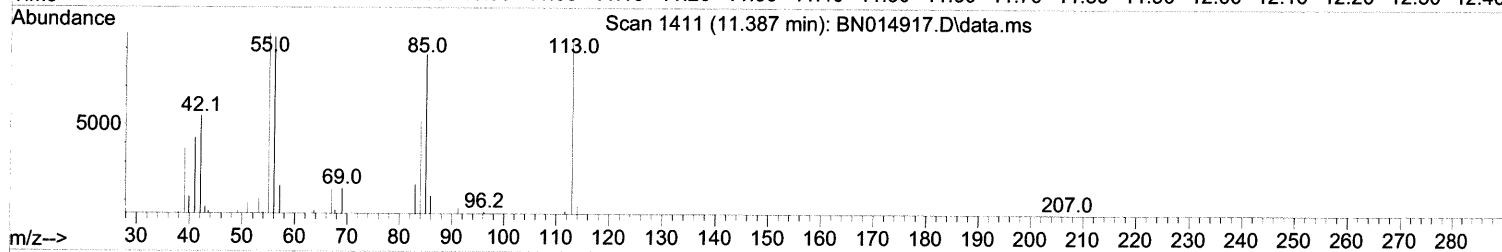
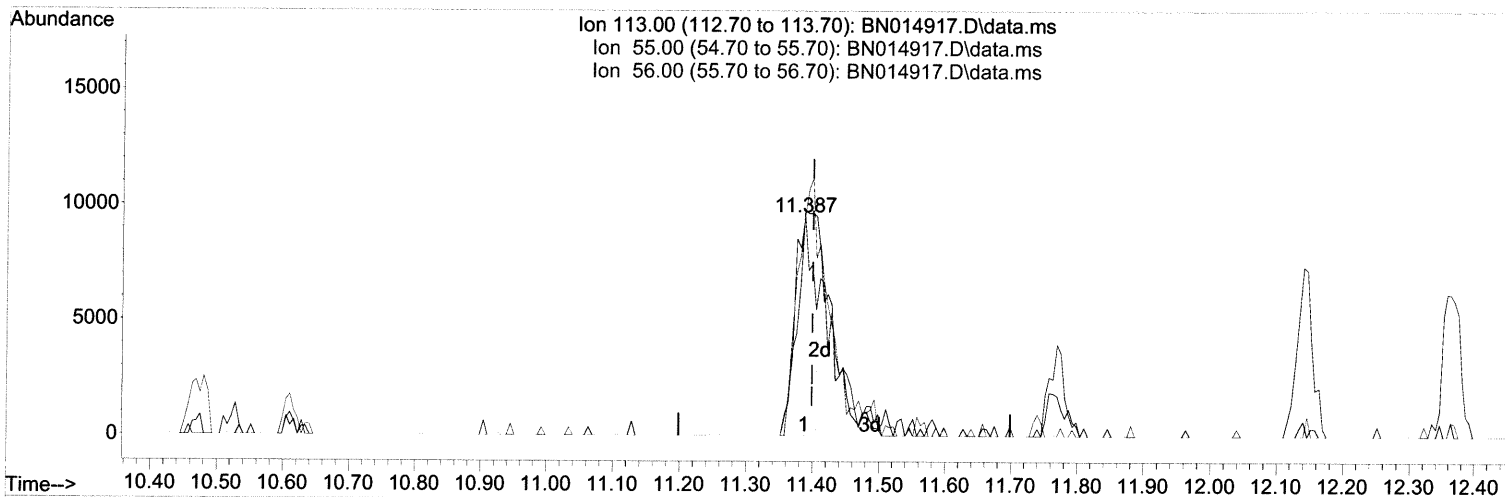
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TIC: BN014917.D\data.ms

(34) Caprolactam

11.387min (-0.012) 9.60 ng/ul

response 18182

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	102.95
56.00	73.20	100.88#
0.00	0.00	0.00

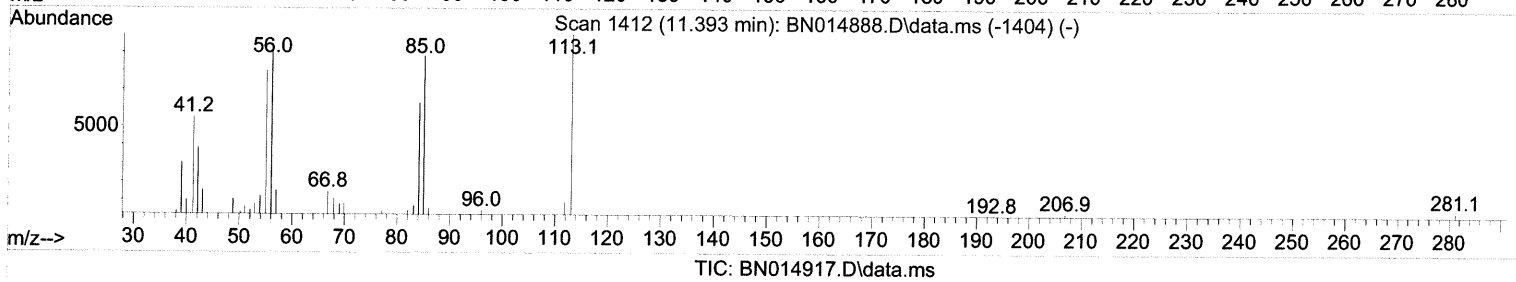
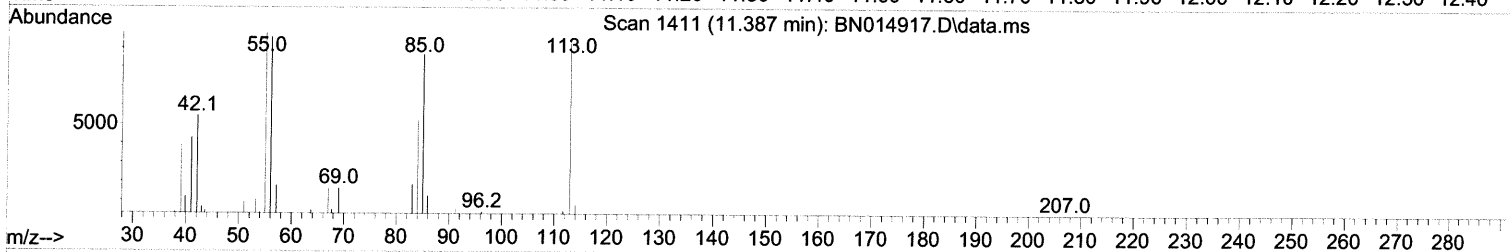
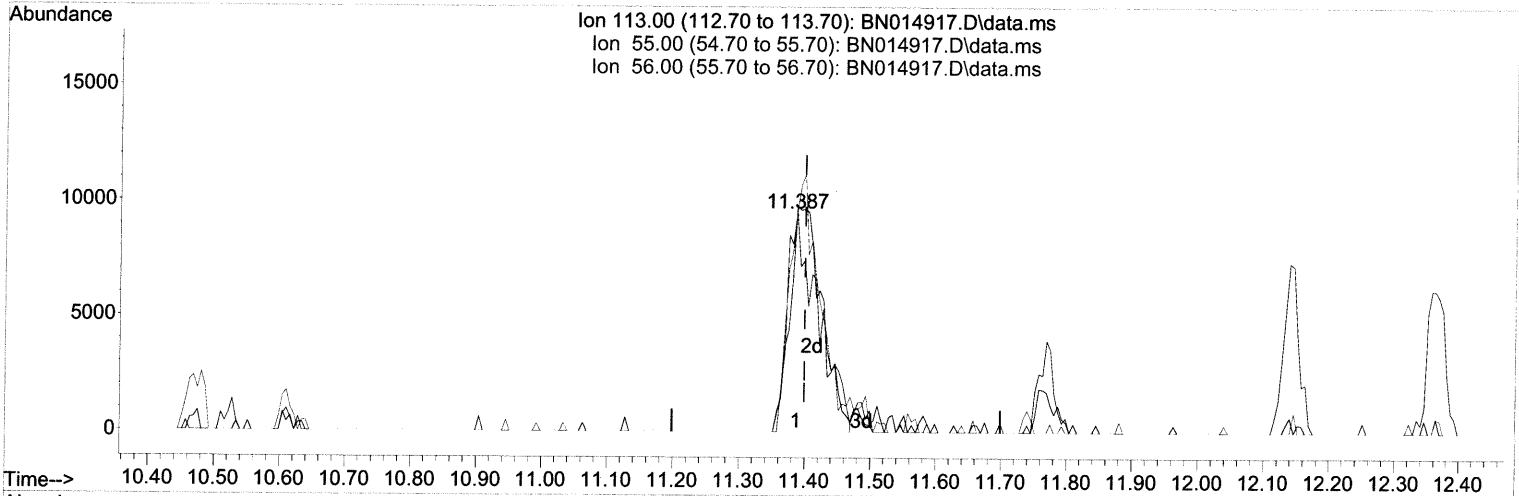
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(34) Caprolactam

11.387min (-0.012) 16.68 ng/ul m 06/16/21 JU

response 31588

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	102.95
56.00	73.20	100.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

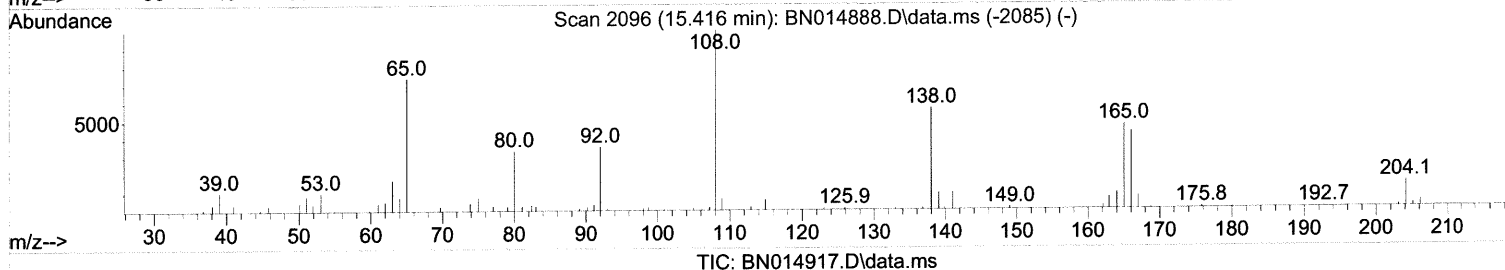
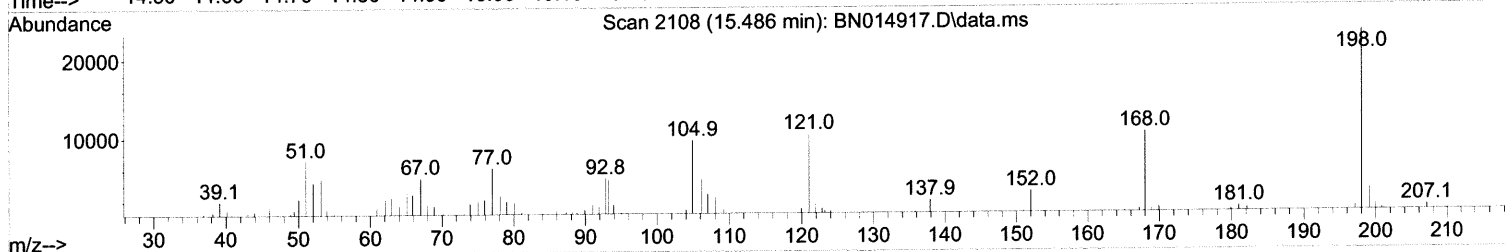
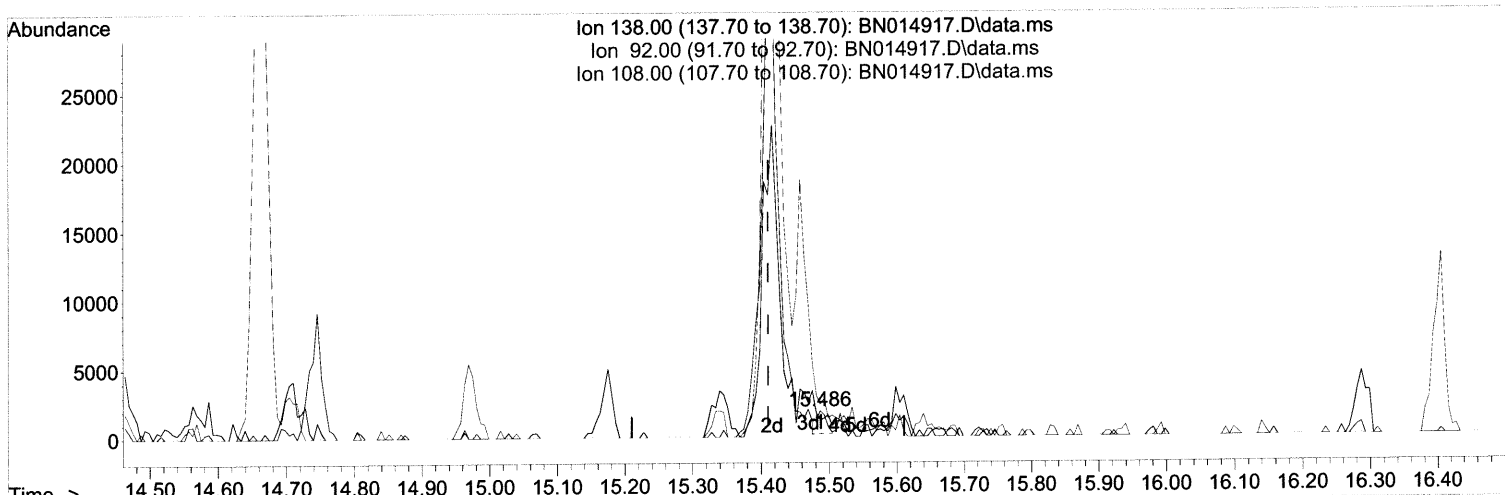
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(63) 4-Nitroaniline

15.486min (+ 0.076) 0.48 ng/ul

response 1654

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	71.90	63.90
108.00	136.60	126.53
0.00	0.00	0.00

Quantitation Report (Qedit)

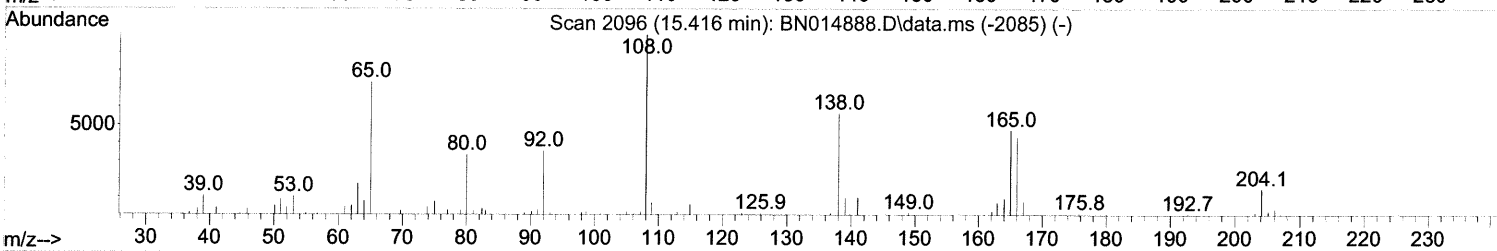
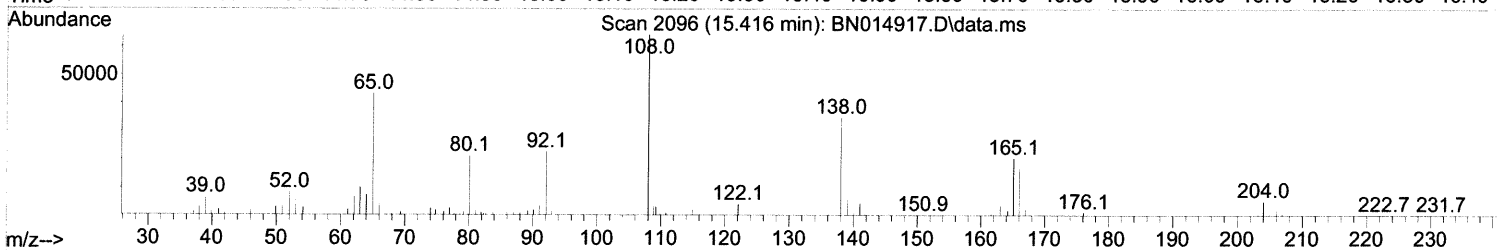
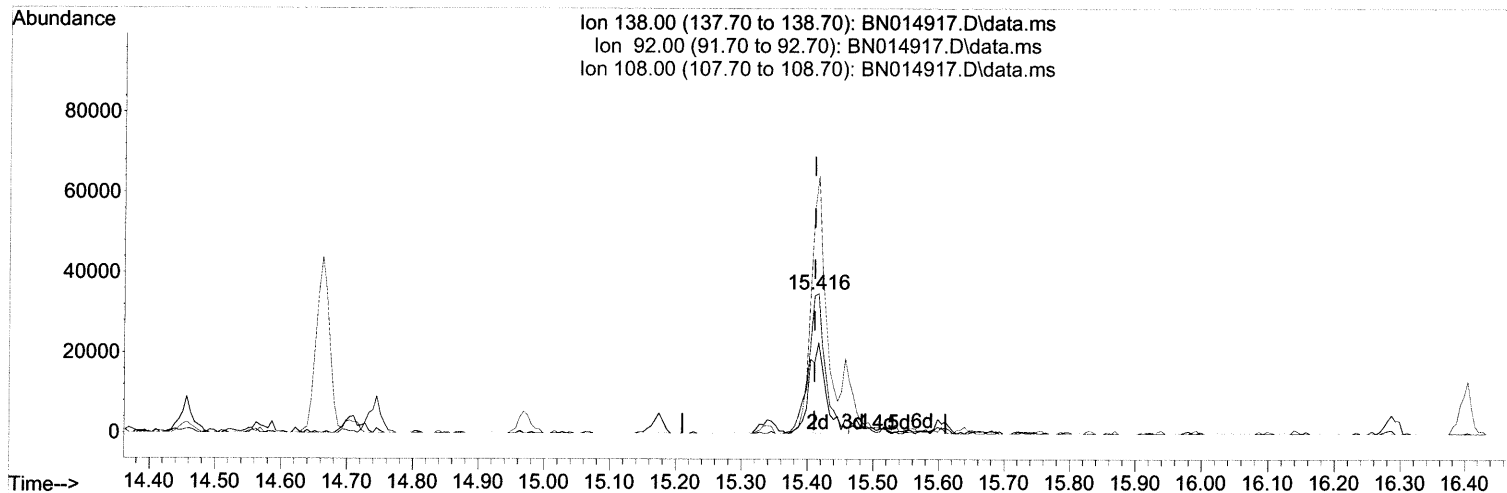
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 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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Manual Integrations
 APPROVED

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TIC: BN014917.D\data.ms

(63) 4-Nitroaniline

15.416min (+ 0.006) 18.09 ng/ul m 06/16/21 JU

response 62121

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	71.90	64.96
108.00	136.60	184.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

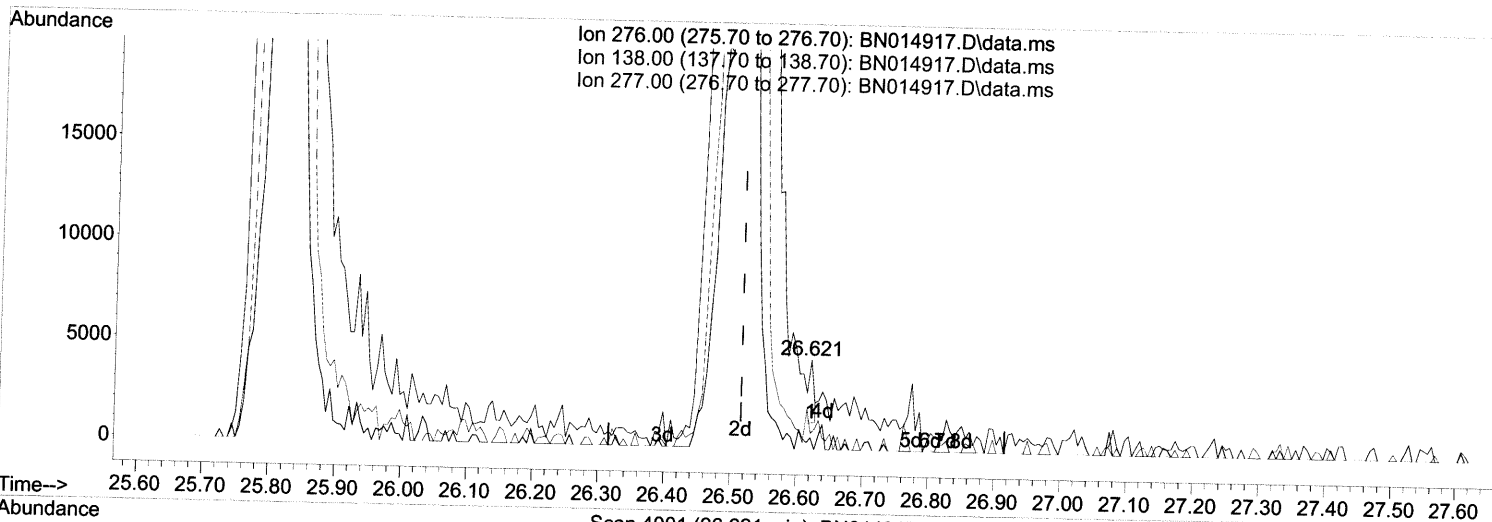
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(96) Benzo(g,h,i)perylene

26.621min (+ 0.106) 0.03 ng/u1

response 1456

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.80	13.09
277.00	19.60	18.06
0.00	0.00	0.00

Quantitation Report (Qedit)

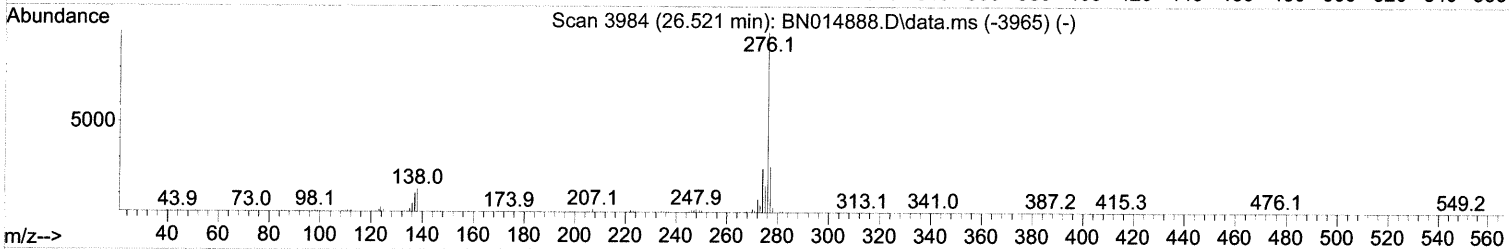
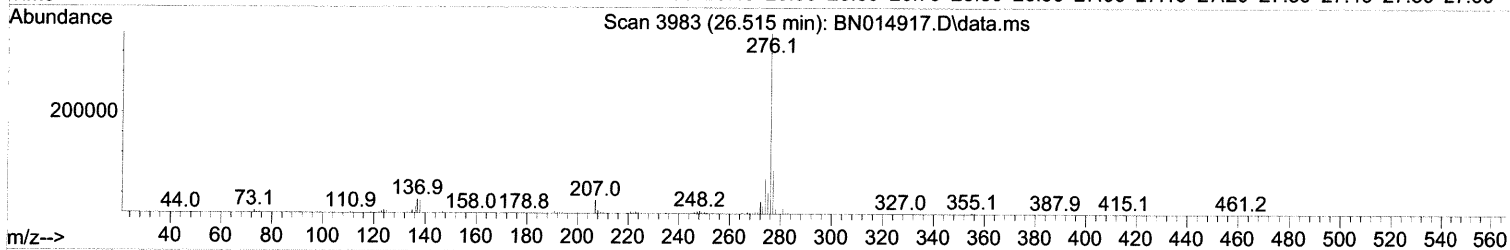
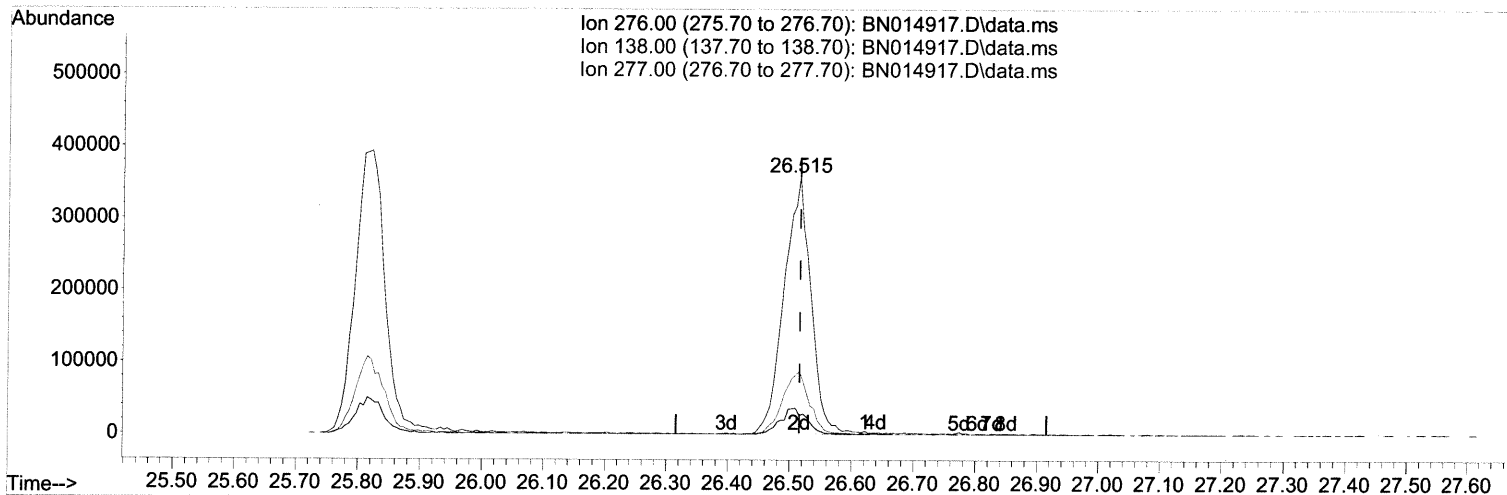
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(96) Benzo(g,h,i)perylene

26.515min (-0.000) 19.42 ng/ul m 06/16/21Ju

response 1078759

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.80	7.33#
277.00	19.60	24.46#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	103849	20.00	ng/ul	0.00
20) Naphthalene-d8	10.469	136	376412	20.00	ng/ul	# 0.00
38) Acenaphthene-d10	14.339	164	290463	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	655411	20.00	ng/ul	# 0.00
79) Chrysene-d12	21.292	240	836594	20.00	ng/ul	0.00
88) Perylene-d12	23.545	264	930579	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.205	96	14766	7.56	ng/ul	0.00
4) Pyridine-d5	3.611	84	91820m	20.21	ng/ul	> 0.00 06/16/21 JU
7) Phenol-d5	6.863	99	151098	19.42	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	72774	19.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	121528	20.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	128618	19.40	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	57177	20.24	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	65071	20.31	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	139466	21.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	148468	19.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	441432	19.12	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	503318	19.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	57575	17.75	ng/ul	0.00
60) Fluorene-d10	15.339	176	371541	19.72	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	77043	19.67	ng/ul	0.00
73) Anthracene-d10	17.192	188	619175	20.87	ng/ul	0.00
81) Pyrene-d10	19.492	212	746894	19.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	954588	20.53	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.240	88	15671	7.19	ng/ul#	95
5) Pyridine	3.628	79	86226	18.30	ng/ul#	73
6) Benzaldehyde	6.834	77	86122	22.03	ng/ul	98
8) Phenol	6.887	94	151746	19.66	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.116	93	115734	19.87	ng/ul	98
12) 2-Chlorophenol	7.257	128	127556	20.13	ng/ul	88
13) 2-Methylphenol	8.134	108	120091	19.65	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	72244m	19.06	ng/ul	> 06/16/21 JU
16) Acetophenone	8.504	105	222952	20.90	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.493	70	101518	20.14	ng/ul#	89
18) 4-Methylphenol	8.457	108	128063	19.47	ng/ul	100
19) Hexachloroethane	8.757	117	62170	18.91	ng/ul#	78
22) Nitrobenzene	8.881	77	158474	21.03	ng/ul	95
23) Isophorone	9.399	82	283643	20.87	ng/ul#	95
25) 2-Nitrophenol	9.587	139	69176	21.33	ng/ul#	88
26) 2,4-Dimethylphenol	9.657	107	186620	21.39	ng/ul	90
27) Bis(2-Chloroethoxy)met...	9.893	93	159604	21.48	ng/ul#	96
29) 2,4-Dichlorophenol	10.122	162	134626	21.95	ng/ul	98
30) Naphthalene	10.522	128	379947	20.11	ng/ul	97
32) 4-Chloroaniline	10.634	127	157378	20.87	ng/ul#	87
33) Hexachlorobutadiene	10.816	225	131860	21.80	ng/ul	98
34) Caprolactam	11.387	113	31588m	16.68	ng/ul	> 06/16/21 JU
35) 4-Chloro-3-methylphenol	11.769	107	162078	20.37	ng/ul#	96
36) 2-Methylnaphthalene	12.145	142	287376	20.75	ng/ul	100

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 6/15/2021 2:42:08 PM

Quant Time: Jun 15 09:25:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 10:46:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	298556	21.35	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.522	216	207958	20.60	ng/ul	93
40) Hexachlorocyclopentadiene	12.498	237	148204	19.81	ng/ul	94
41) 2,4,6-Trichlorophenol	12.763	196	118089	20.16	ng/ul	98
42) 2,4,5-Trichlorophenol	12.840	196	127494	19.79	ng/ul	95
43) 1,1'-Biphenyl	13.169	154	387821	19.44	ng/ul#	92
44) 2-Chloronaphthalene	13.204	162	313866	19.70	ng/ul	95
45) 2-Nitroaniline	13.410	65	85796	18.39	ng/ul#	76
47) Dimethylphthalate	13.798	163	435202	20.00	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	85133	20.19	ng/ul#	93
50) Acenaphthylene	14.057	152	450530	19.68	ng/ul	96
51) 3-Nitroaniline	14.245	138	62413	17.90	ng/ul	95
52) Acenaphthene	14.404	153	338503	19.91	ng/ul	95
53) 2,4-Dinitrophenol	14.457	184	45260	19.47	ng/ul	84
55) 4-Nitrophenol	14.563	109	98881	18.27	ng/ul#	76
56) Dibenzofuran	14.739	168	491536	19.84	ng/ul#	78
57) 2,4-Dinitrotoluene	14.710	165	129805	19.88	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	14.975	232	121745	20.01	ng/ul#	94
59) Diethylphthalate	15.175	149	424642	19.20	ng/ul	100
61) Fluorene	15.392	166	392922	19.84	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.392	204	220631	20.03	ng/ul#	83
63) 4-Nitroaniline	15.416	138	62121m	18.09	ng/ul	06/16/2021
66) 4,6-Dinitro-2-methylph...	15.475	198	74807	19.56	ng/ul	99
67) N-Nitrosodiphenylamine	15.610	169	341478	20.07	ng/ul	96
68) 4-Bromophenyl-phenylether	16.286	248	167101	21.22	ng/ul#	83
69) Hexachlorobenzene	16.404	284	213081	20.90	ng/ul	94
70) Atrazine	16.563	200	152785	19.85	ng/ul	94
71) Pentachlorophenol	16.751	266	93618	18.74	ng/ul#	86
72) Phenanthrene	17.139	178	683486	20.84	ng/ul	99
74) Anthracene	17.228	178	683608	20.66	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	209294	21.03	ng/ul	94
76) Pentachlorobenzene	14.663	250	236803	21.61	ng/ul	94
77) Carbazole	17.498	167	560411	20.26	ng/ul	98
78) Di-n-butylphthalate	18.075	149	688277	19.94	ng/ul	97
80) Fluoranthene	19.163	202	862722	19.46	ng/ul#	92
82) Pyrene	19.522	202	919552	19.55	ng/ul#	95
83) Butylbenzylphthalate	20.433	149	316957	18.29	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.216	252	281117	18.34	ng/ul	98
85) Benzo(a)anthracene	21.274	228	962898	19.65	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	474854	18.60	ng/ul	99
87) Chrysene	21.333	228	968017	19.93	ng/ul	99
89) Di-n-octyl phthalate	22.098	149	899824	18.52	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1140063	21.08	ng/ul	96
91) Benzo(k)fluoranthene	22.910	252	1038546	19.54	ng/ul	97
93) Benzo(a)pyrene	23.445	252	989305	20.14	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.821	276	1306530	20.65	ng/ul	97
95) Dibenzo(a,h)anthracene	25.833	278	1017389	19.65	ng/ul#	97
96) Benzo(g,h,i)perylene	26.515	276	1078759m	19.42	ng/ul	06/16/2021

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