

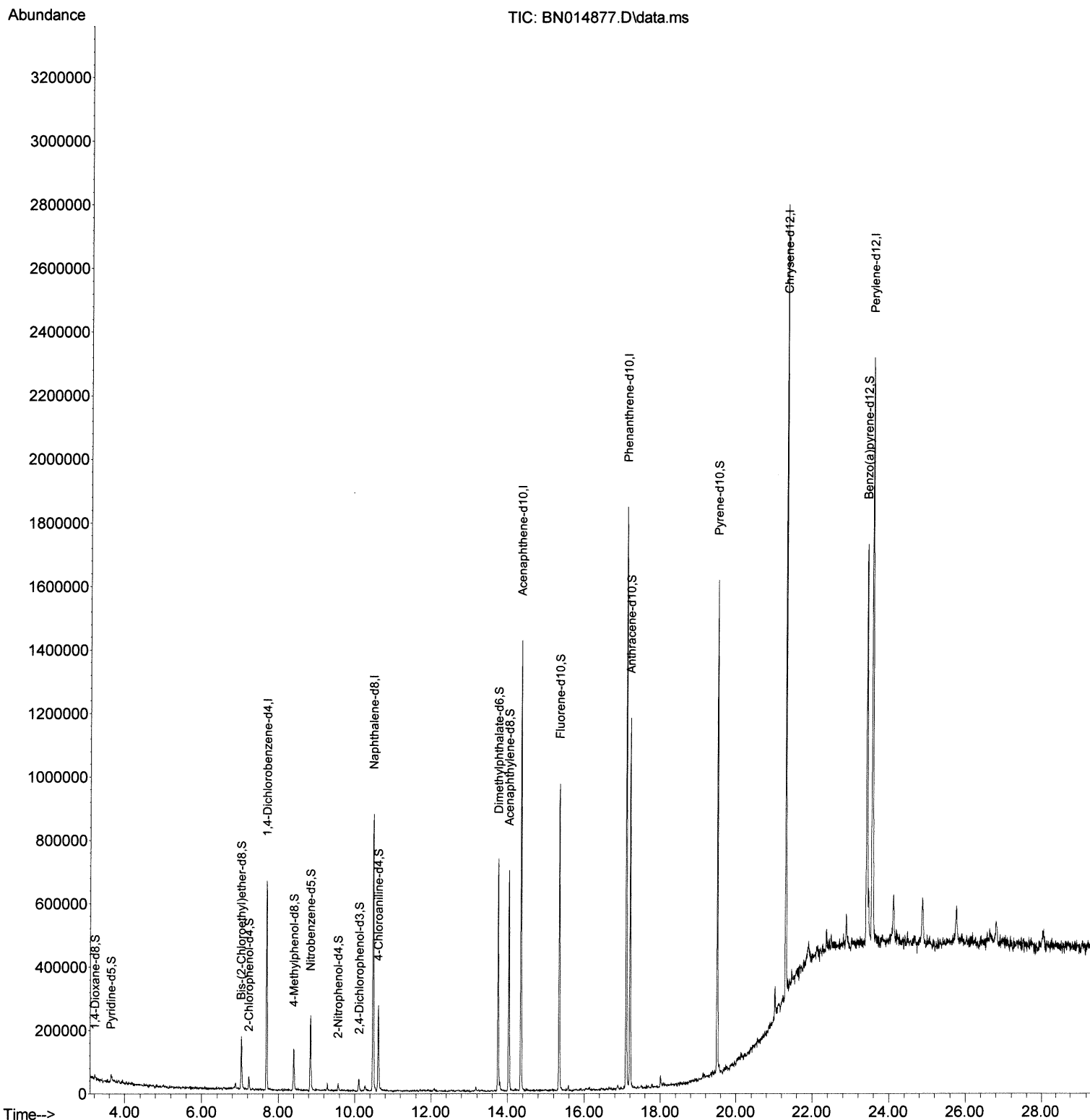
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014877.D
Acq On : 11 Jun 2021 00:24
Operator : CG/JU
Sample : M2618-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG5S8

Quant Time: Jun 11 01:50:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 10 11:55:23 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

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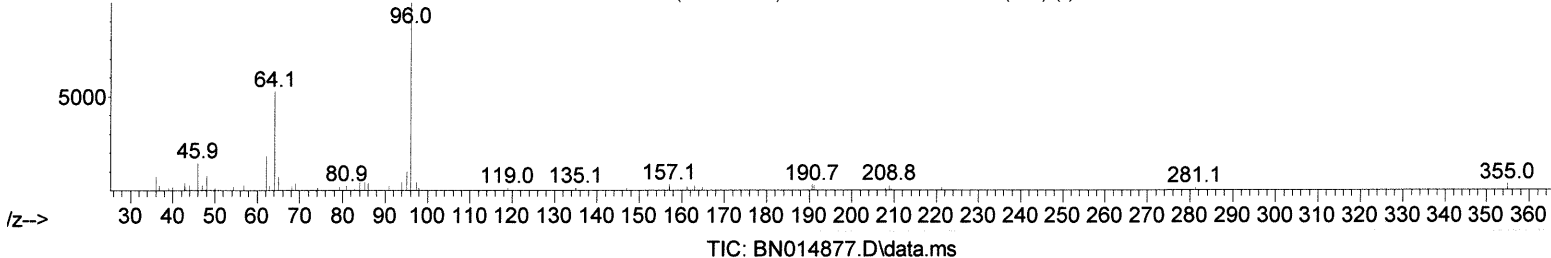
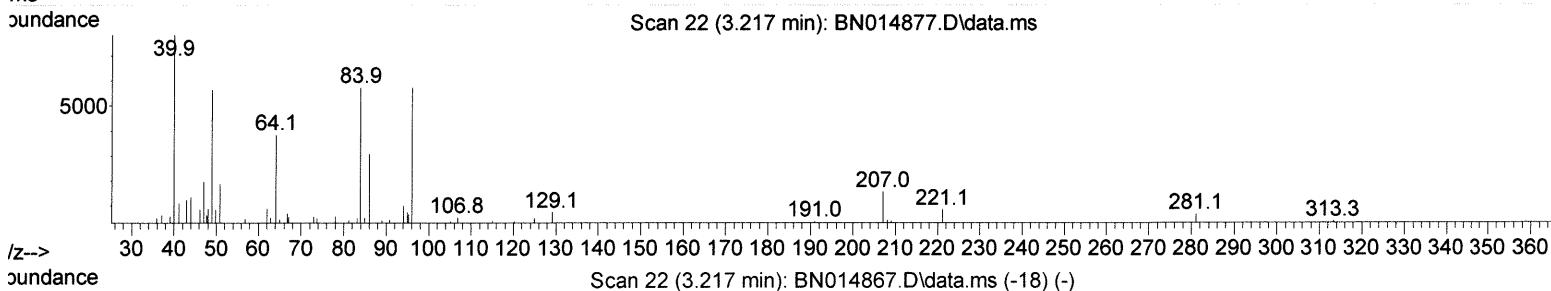
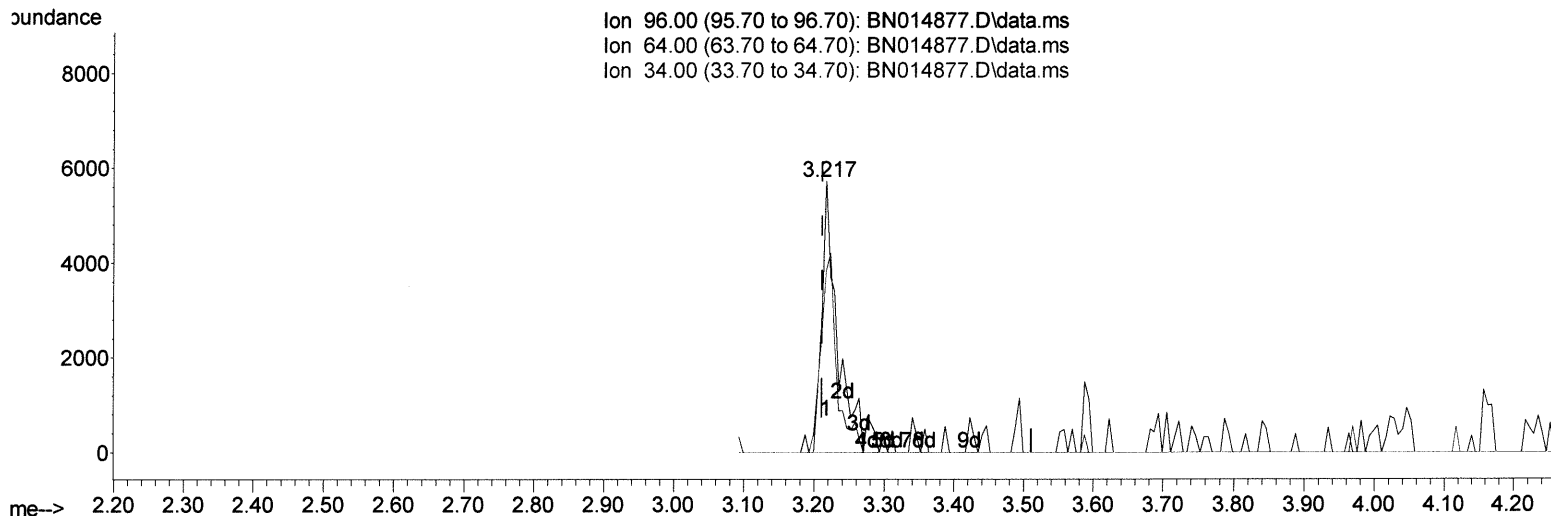
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(3) 1,4-Dioxane-d8 (S)

3.217min (+ 0.006) 1.28 ng/uL

response 5094

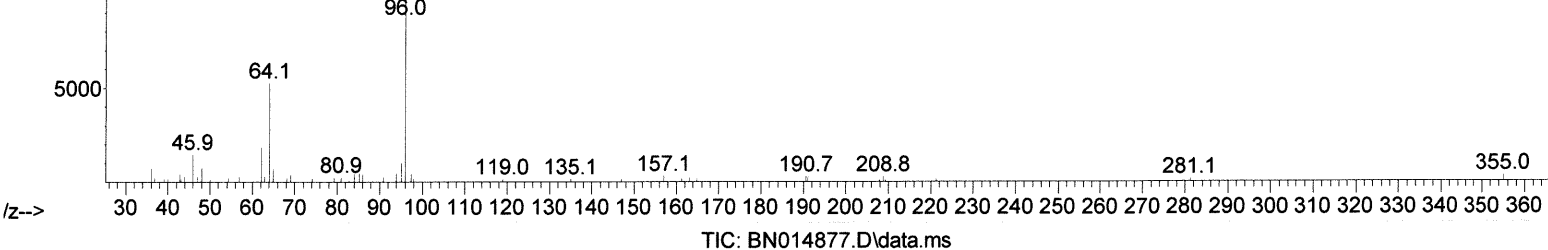
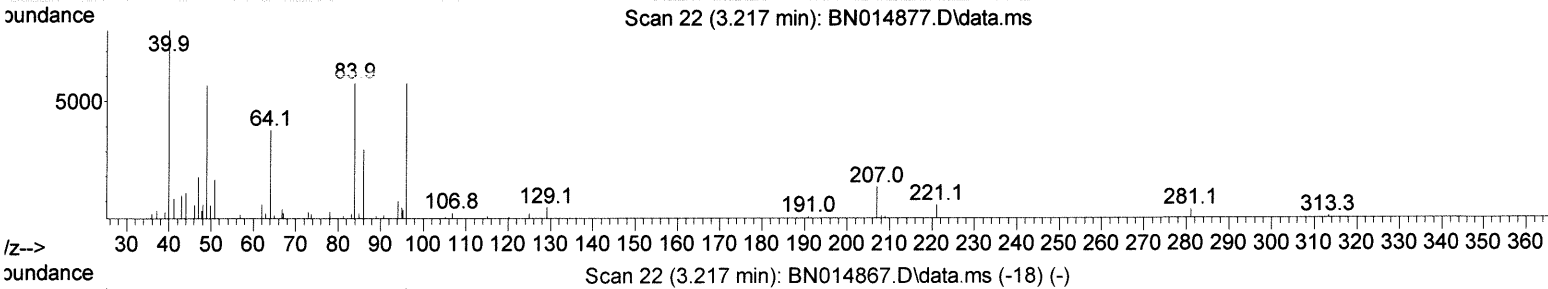
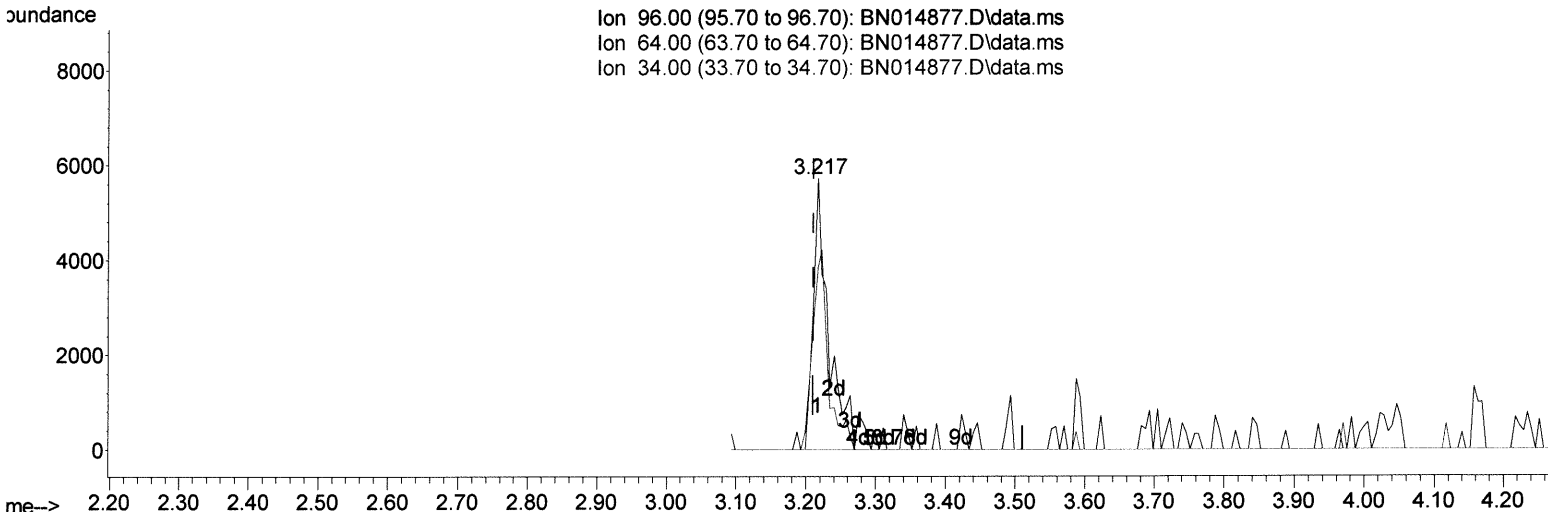
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	67.07
34.00	0.00	0.00
0.00	0.00	0.00

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

3.217min (+ 0.006) 2.18 ng/uL m *JG 6/14/21*

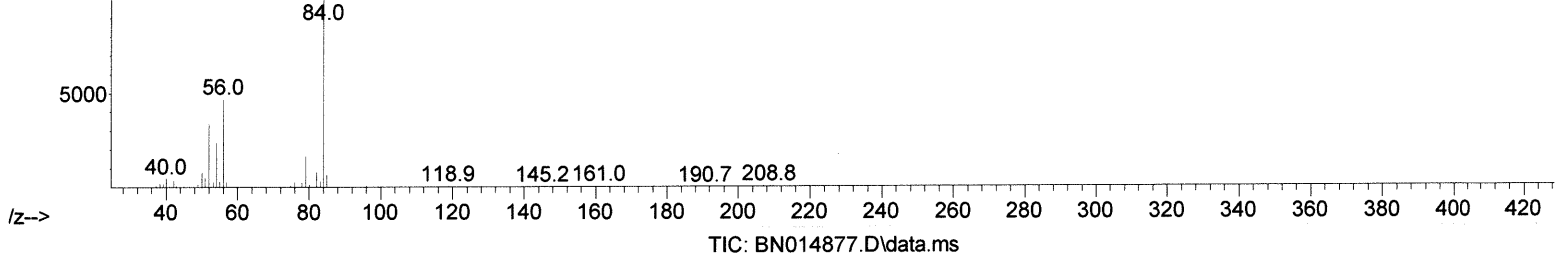
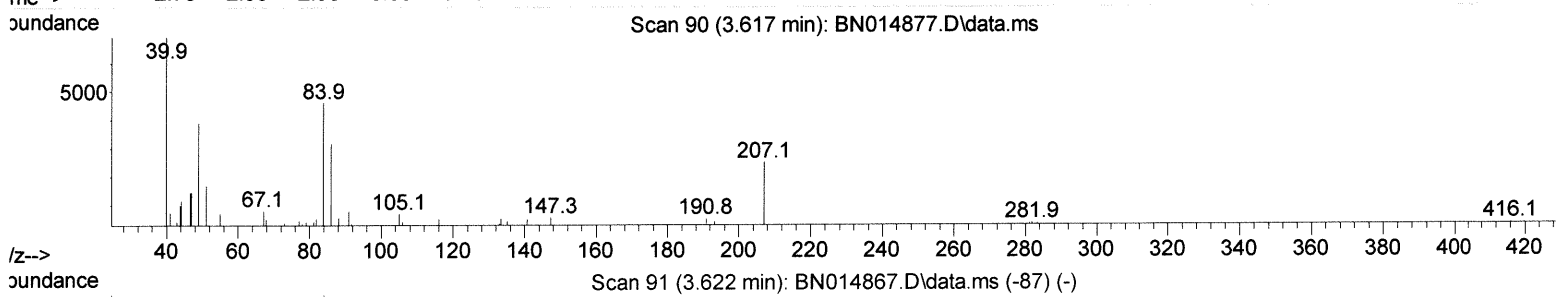
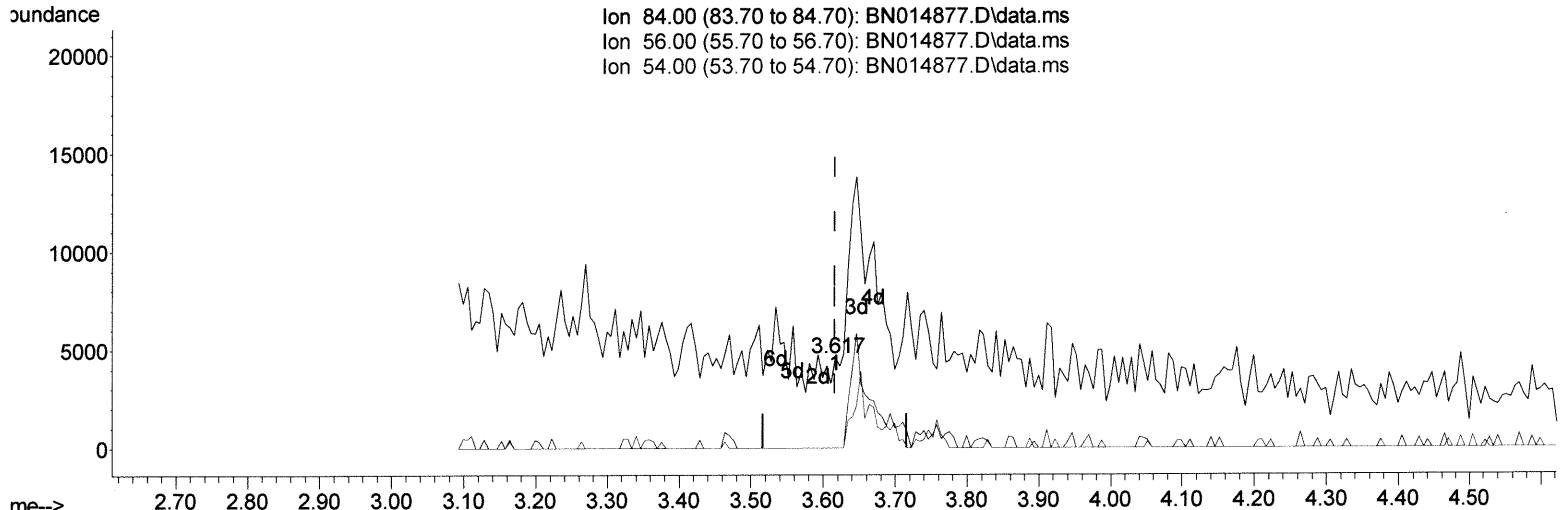
response	8650	
Ion	Exp%	Act%
96.00	100.00	100.00
64.00	64.30	67.07
34.00	0.00	0.00
0.00	0.00	0.00

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 ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations
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(4) Pyridine-d5 (S)

3.617min (+ 0.000) 0.05 ng/ul

response	483
Ion	Exp% Act%
84.00	100.00 100.00
56.00	44.70 0.00#
54.00	24.70 0.00#
0.00	0.00 0.00

Instrument :
BNA_N
ClientSampleId :
BG5S8

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Scan 95 (3.646 min): BN014877.D\data.ms

Mass spectrum plot showing relative abundance versus m/z. The x-axis ranges from 30 to 220 m/z. The y-axis represents relative abundance from 0 to 10000. The base peak is at m/z 84.0. Other significant peaks are labeled at m/z 39.8, 47.8, 55.9, 69.0, 93.1, 104.4, 115.0, 144.9, 161.9, 193.0, 207.1, and 221.0.

m/z	Relative Abundance (approx)
39.8	6000
47.8	1000
55.9	5500
69.0	1000
84.0	10000
93.1	1000
104.4	1000
115.0	1000
144.9	1000
161.9	1000
193.0	1000
207.1	3000
221.0	1000

Scan 91 (3.622 min): BN014867.D\data.ms (-87) (-)

Mass spectrum plot showing abundance versus m/z. The x-axis ranges from 30 to 220 m/z. The y-axis shows abundance up to 5000. The base peak is at m/z 84.0. Other significant peaks are at m/z 56.0 and 40.0.

m/z	Relative Abundance (approx)
40.0	1000
56.0	4500
84.0	5500

TIC: BN014877.D\data.ms

3.646min (+ 0.029) 2.59 ng/ul m *Ju 6/16/21*

response 25877

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	44.70	42.41
54.00	24.70	15.37#
0.00	0.00	0.00

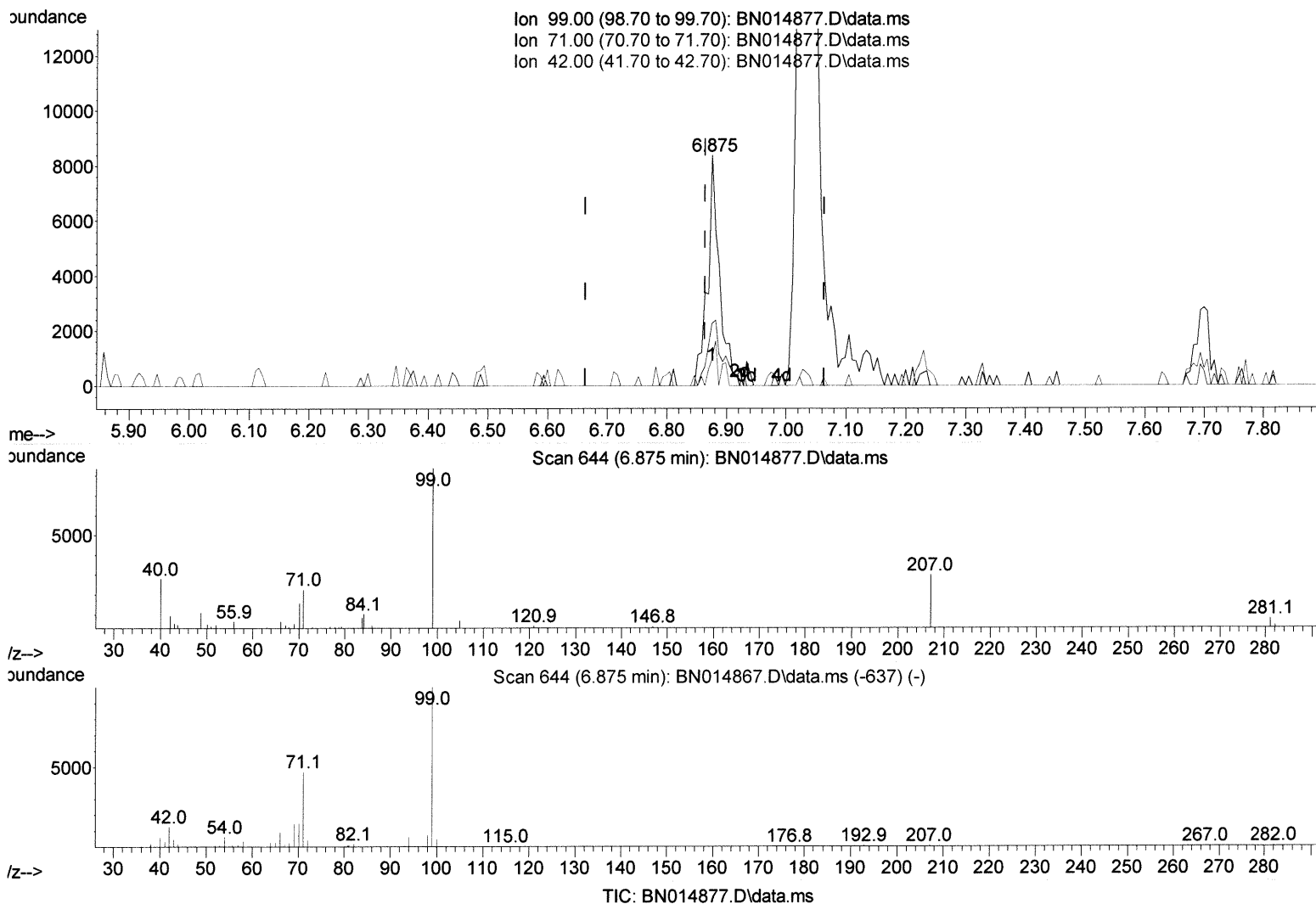
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014877.D
 Acq On : 11 Jun 2021 00:24
 Operator : CG/JU
 Sample : M2618-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S8

Manual Integrations
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Quant Time: Jun 11 01:50:09 2021
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 Response via : Initial Calibration



(7) Phenol-d5 (S)

6.875min (+ 0.012) 0.53 ng/ul

response 8433

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	46.20	26.92#
42.00	11.20	11.23
0.00	0.00	0.00

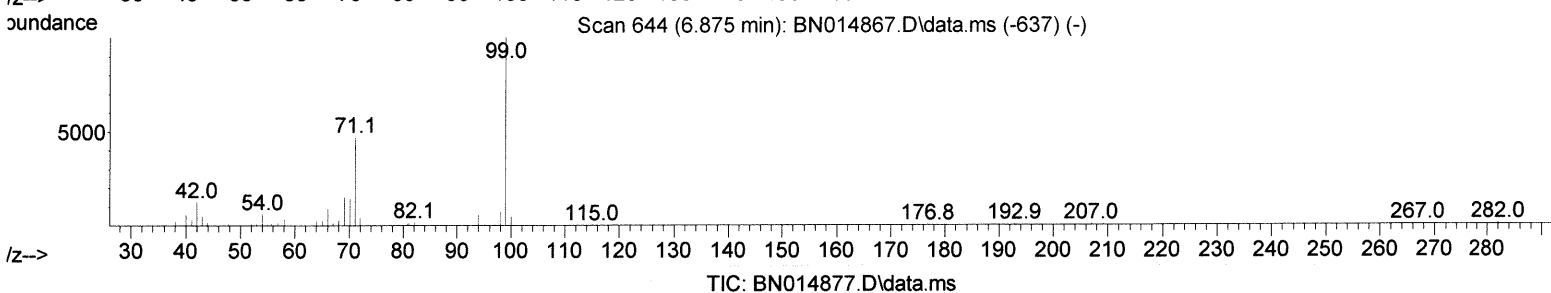
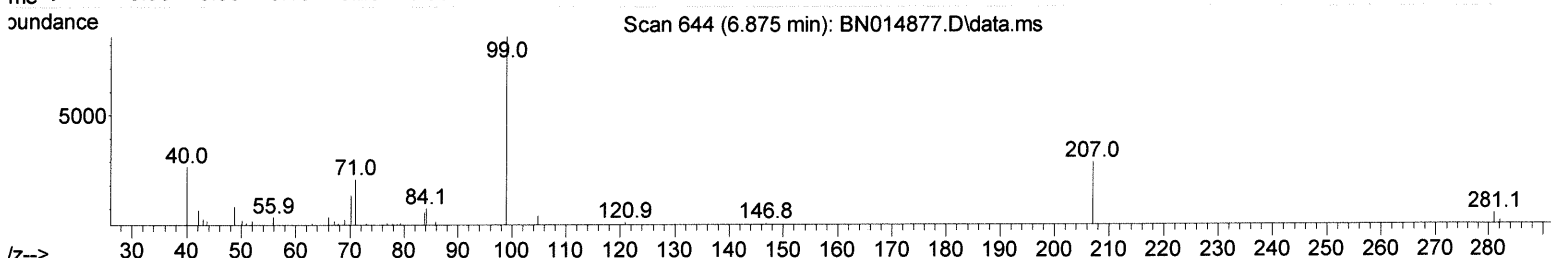
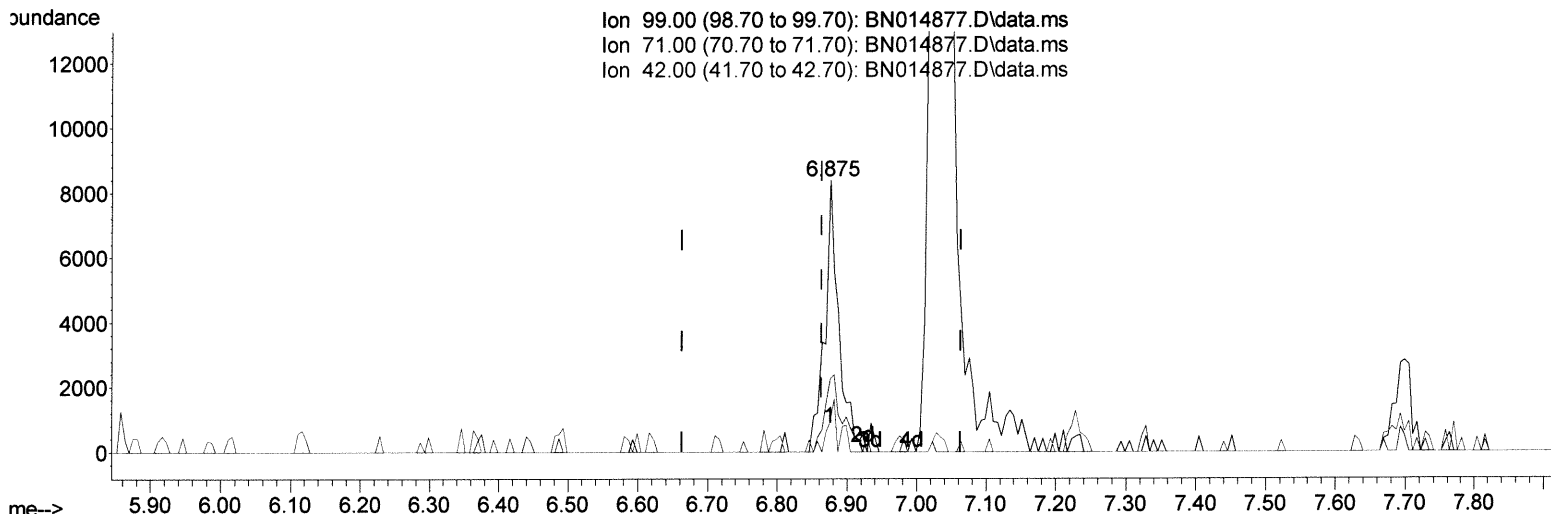
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 Data File : BN014877.D
 Acq On : 11 Jun 2021 00:24
 Operator : CG/JU
 Sample : M2618-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S8

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:13:45 PM

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 Response via : Initial Calibration



(7) Phenol-d5 (S)

6.875min (+ 0.012) 0.74 ng/ul *me 6/14/21*

response 11655

Ion	Exp%	Act%
99.00	100.00	100.00
71.00	46.20	26.92#
42.00	11.20	11.23
0.00	0.00	0.00

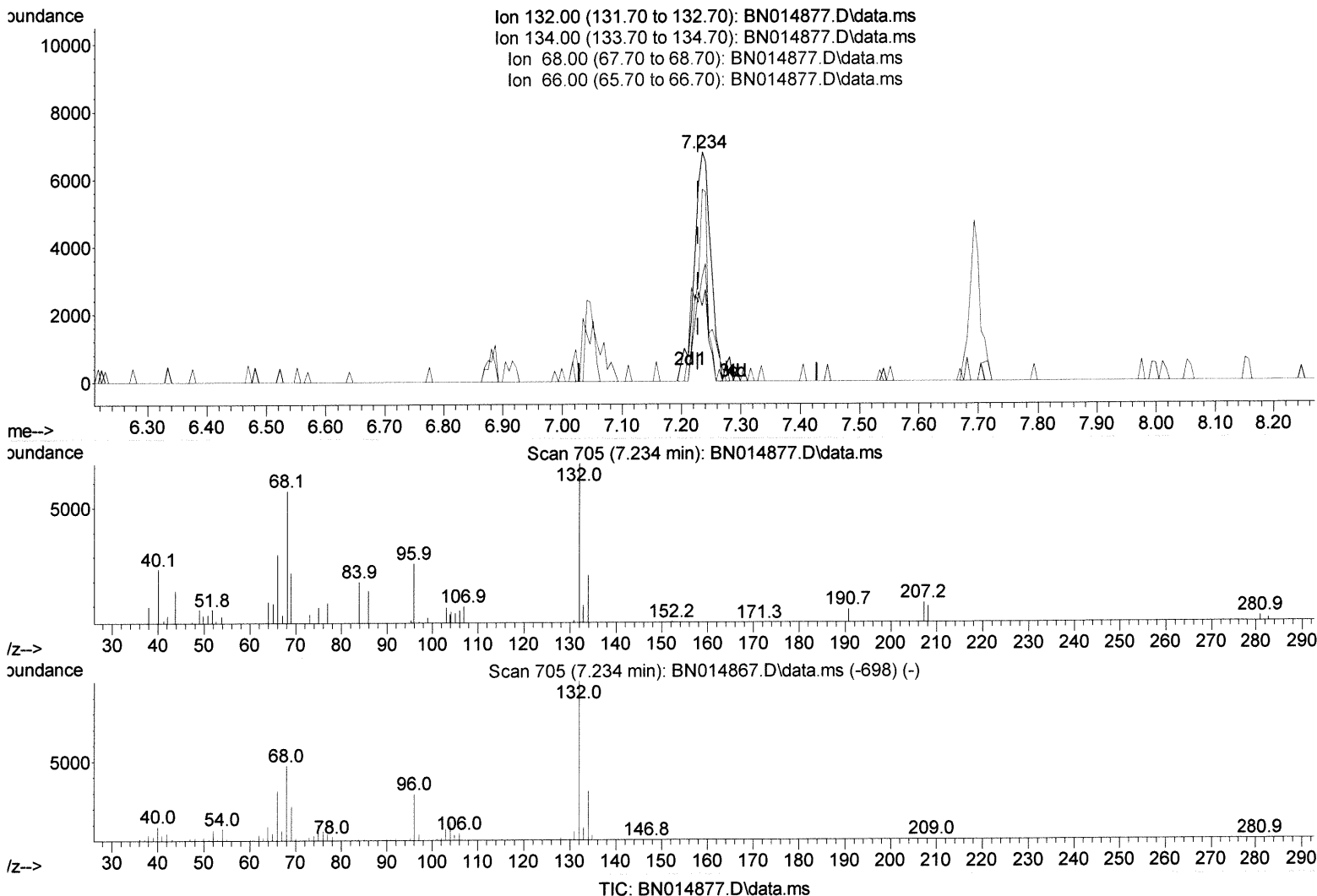
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 Operator : CG/JU
 Sample : M2618-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S8

Manual Integrations
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(11) 2-Chlorophenol-d4 (S)

7.234min (+ 0.006) 1.12 ng/ul

response 11034

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	29.00	32.90
68.00	50.00	83.83#
66.00	33.30	45.71#

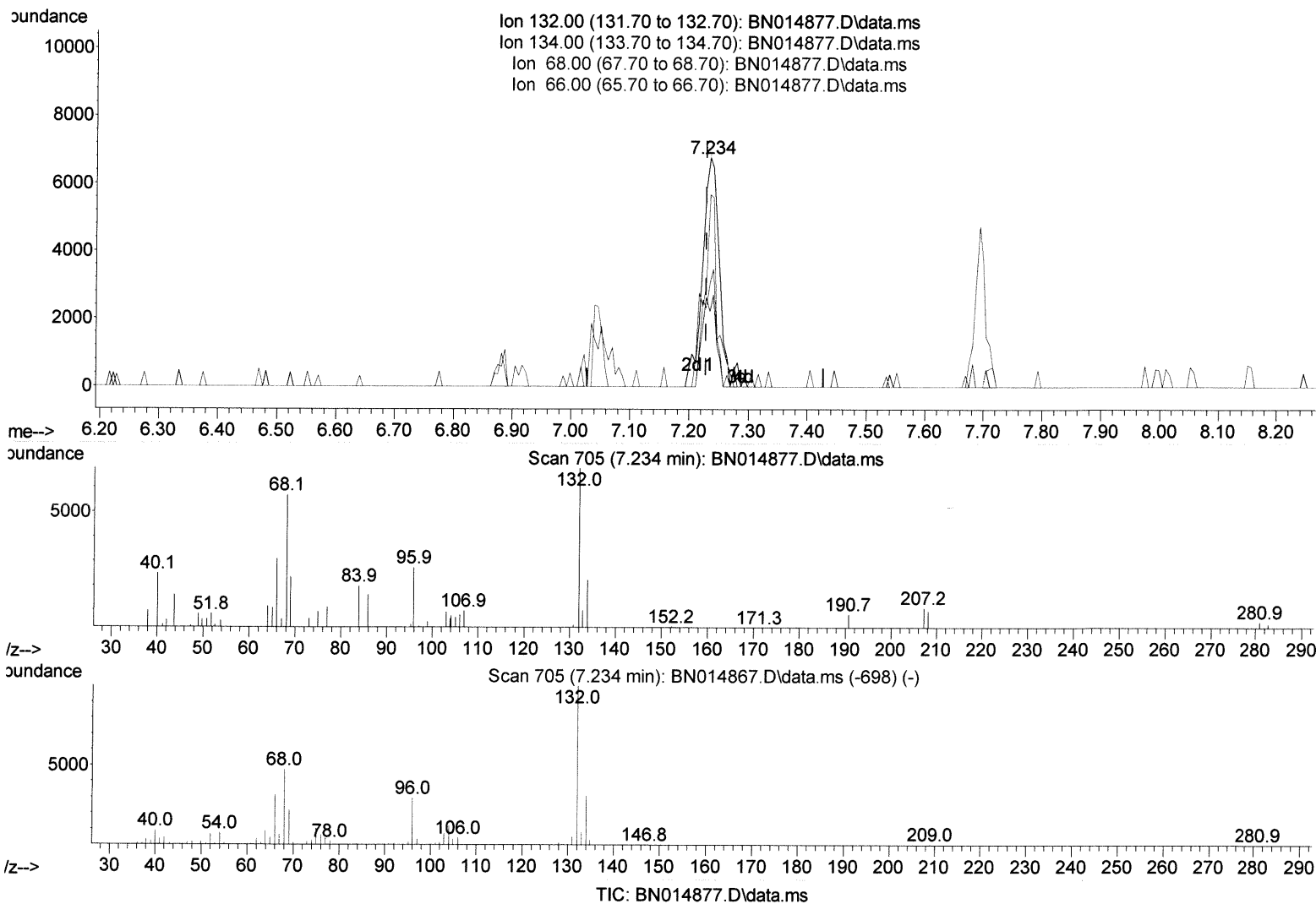
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 Data File : BN014877.D
 Acq On : 11 Jun 2021 00:24
 Operator : CG/JU
 Sample : M2618-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S8

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:13:45 PM

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 Response via : Initial Calibration



(11) 2-Chlorophenol-d4 (S)

7.234min (+ 0.006) 1.33 ng/ul m *Je 6/11/21*

response 13027

Ion	Exp%	Act%
132.00	100.00	100.00
134.00	29.00	32.90
68.00	50.00	83.83#
66.00	33.30	45.71#

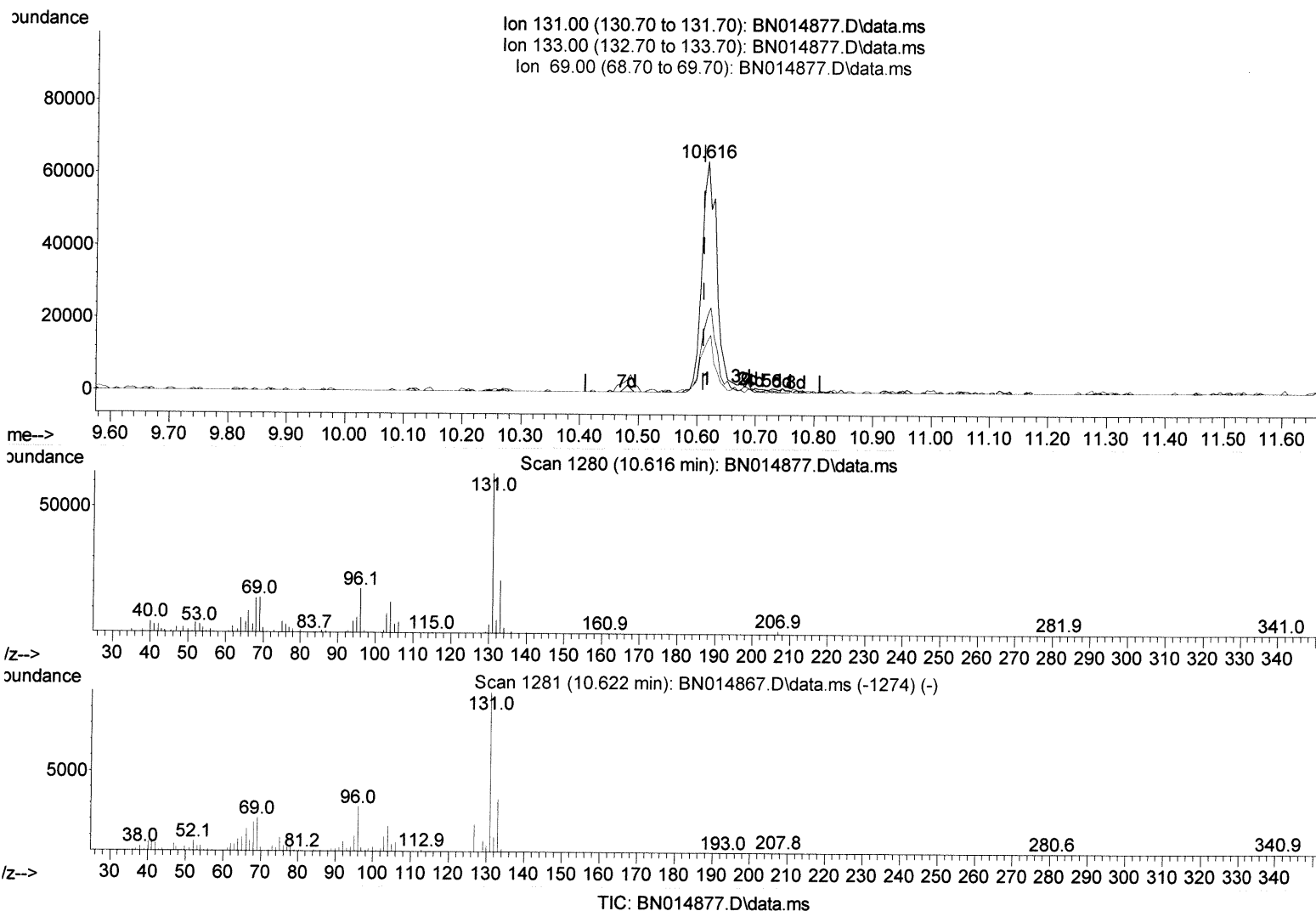
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
 Data File : BN014877.D
 Acq On : 11 Jun 2021 00:24
 Operator : CG/JU
 Sample : M2618-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S8

Manual Integrations
 APPROVED

mohammad
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(31) 4-Chloroaniline-d4 (S)

10.616min (+ 0.006) 7.93 ng/ul

response 108526

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.30	33.17
69.00	22.90	22.03
0.00	0.00	0.00

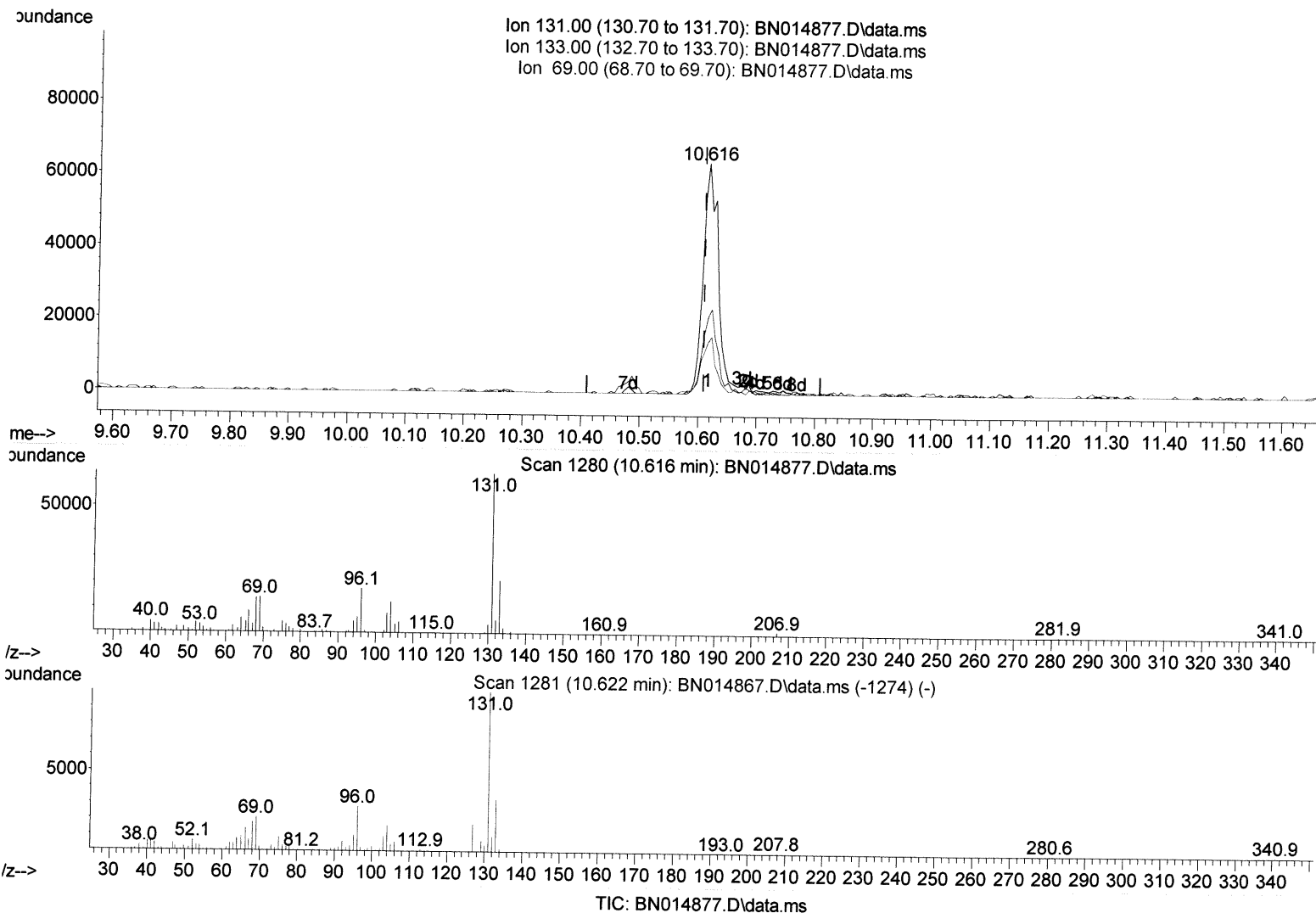
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 Acq On : 11 Jun 2021 00:24
 Operator : CG/JU
 Sample : M2618-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG5S8

Manual Integrations
 APPROVED

mohammad
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(31) 4-Chloroaniline-d4 (S)

10.616min (+ 0.006) 8.31 ng/ul m *54 6/16/21*

response 113761

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	33.30	33.17
69.00	22.90	22.03
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	7.693	152	161736	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	628810	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.345	164	451336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1020330	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	1231364	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	1348783	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	8650m	2.178	ng/uL	0.00
4) Pyridine-d5	3.646	84	25877m	2.587	ng/ul	0.03
7) Phenol-d5	6.875	99	11655m	0.736	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	62648	7.955	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	13027m	1.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113	47433	3.852	ng/ul	0.01
21) Nitrobenzene-d5	8.846	128	47556	10.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.569	143	5606	1.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	15060	1.297	ng/ul	0.01
31) 4-Chloroaniline-d4	10.616	131	113761m	8.312	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	434694	12.123	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	490635	11.833	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
60) Fluorene-d10	15.345	176	366653	11.867	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/ul	
73) Anthracene-d10	17.198	188	606228	12.719	ng/ul	0.00
81) Pyrene-d10	19.498	212	799142	13.764	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	907814	12.636	ng/ul	0.00

Target Compounds Qvalue

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