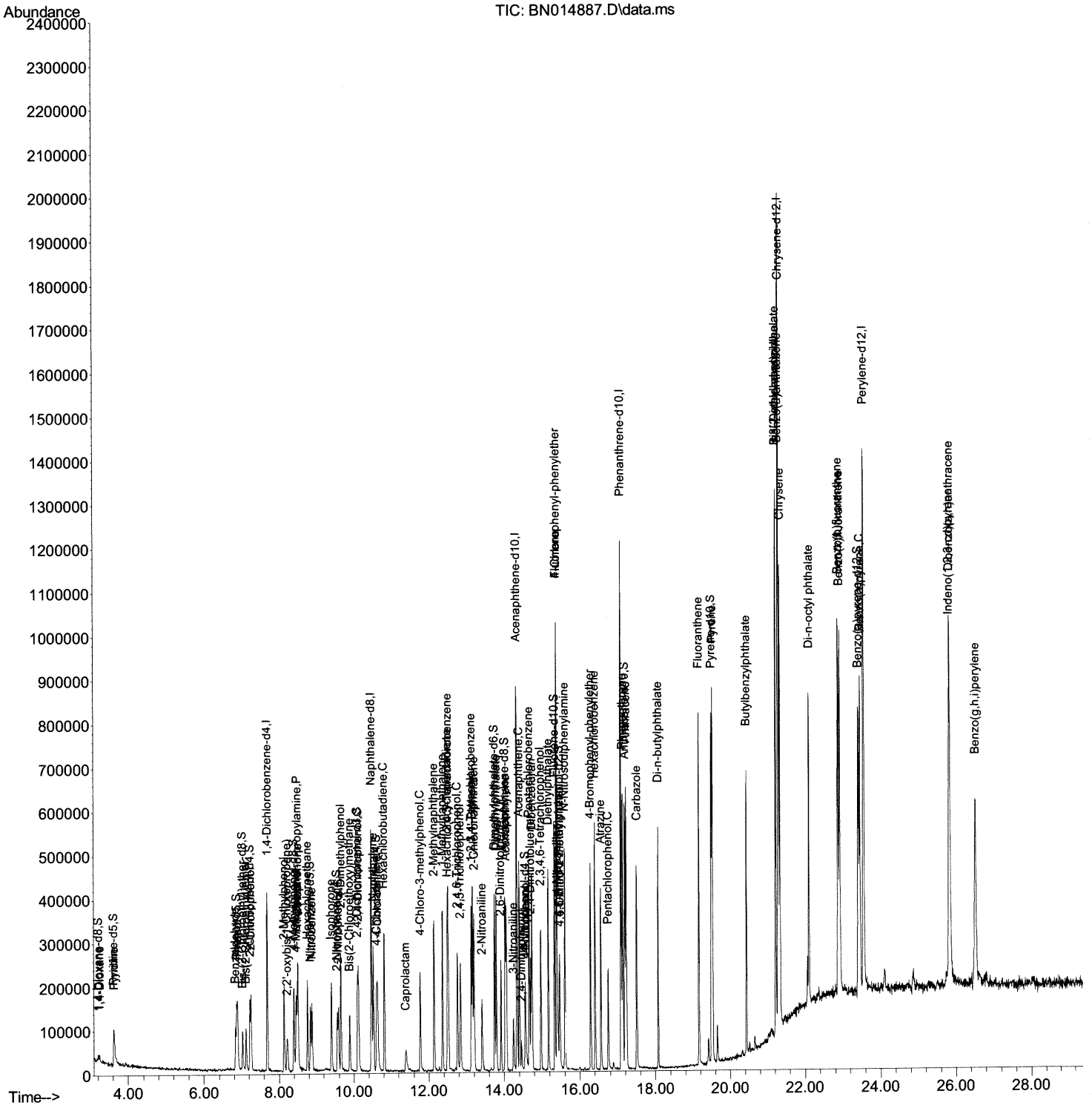
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014887.D
Acq On : 12 Jun 2021 10:38
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 01:50:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010052

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:18 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014887.D
Acq On : 12 Jun 2021 10:38
Operator : CG/JU
Sample : SSTD01052
Misc :
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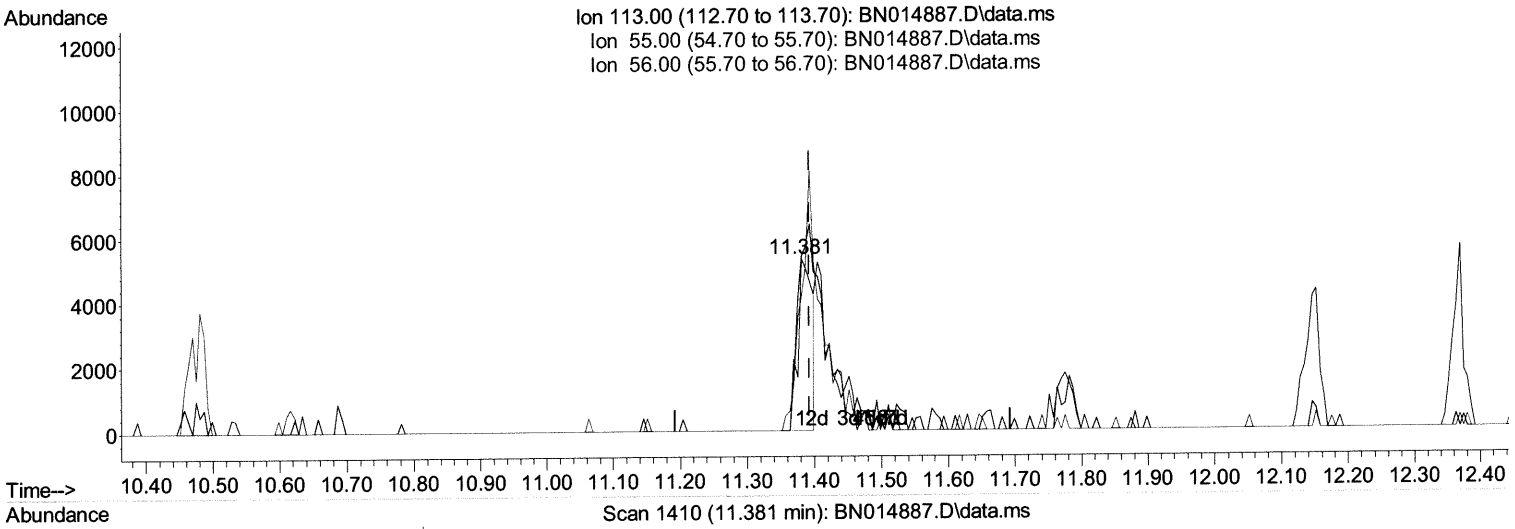

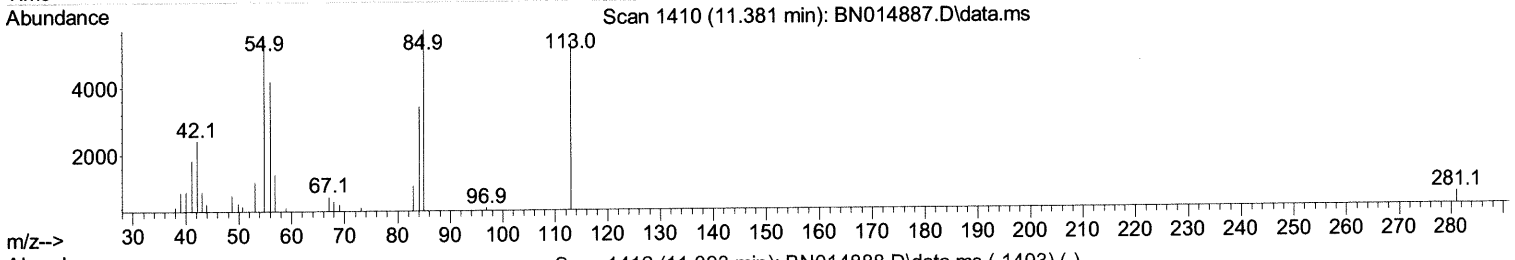

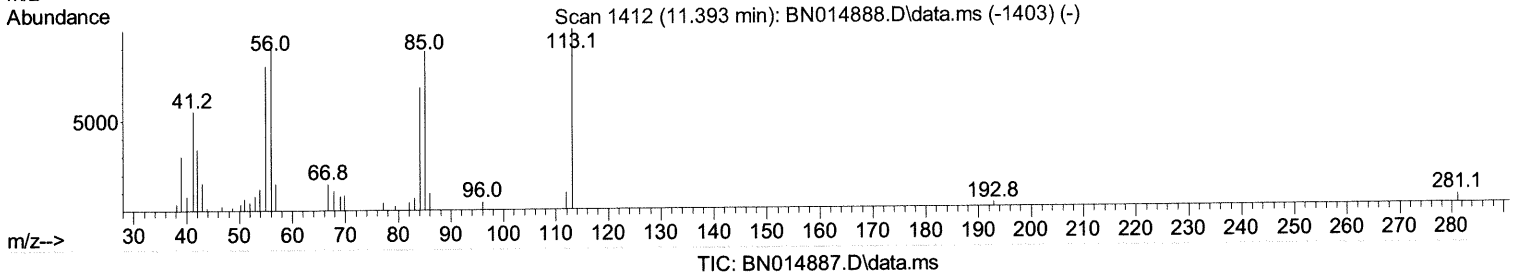

TIC: BN014887.D\data.ms

(34) Caprolactam

11.381min (-0.012) 3.72 ng/ul

response 8127

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	101.62
56.00	73.20	78.42
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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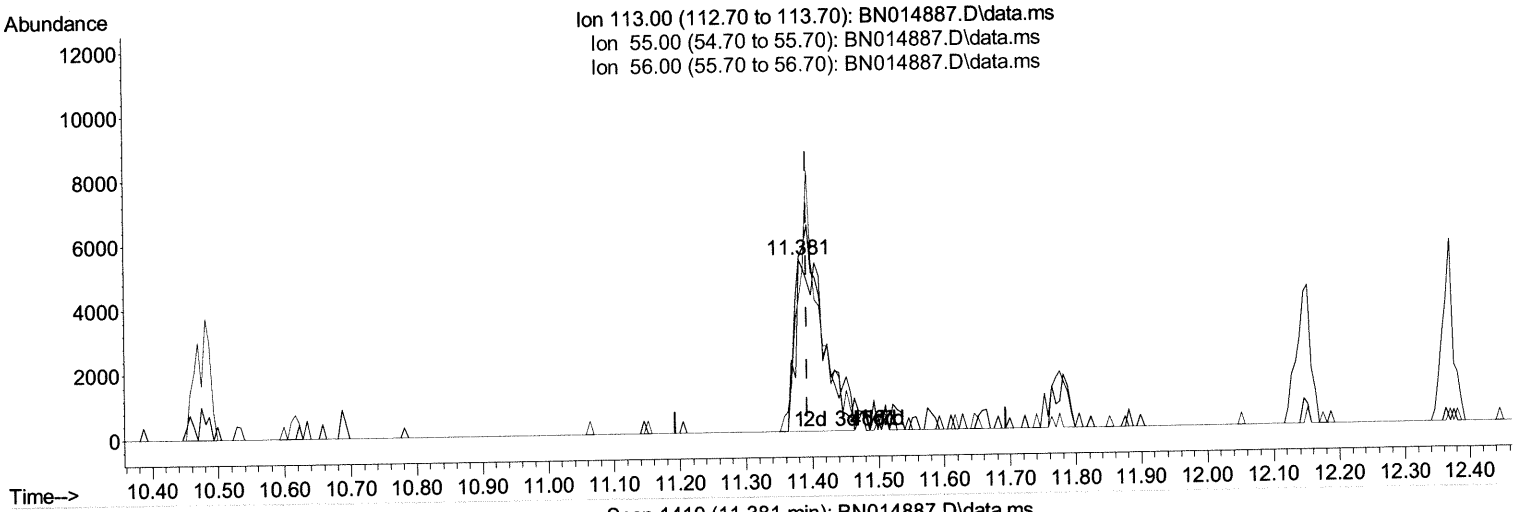
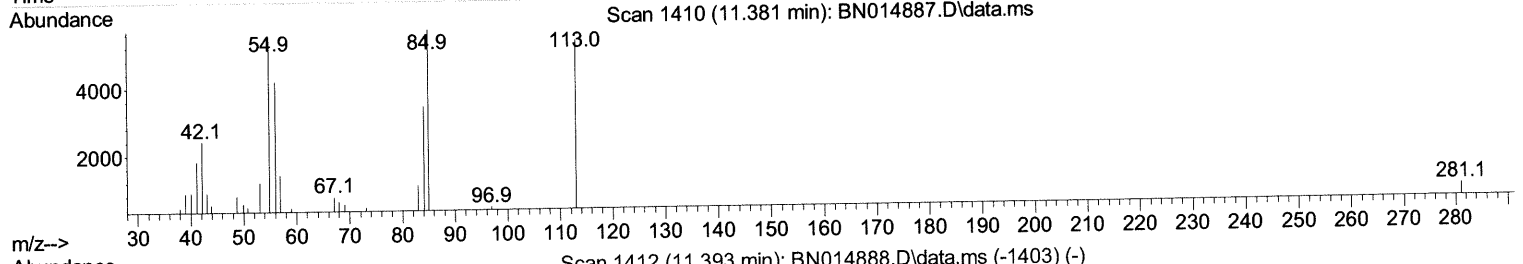
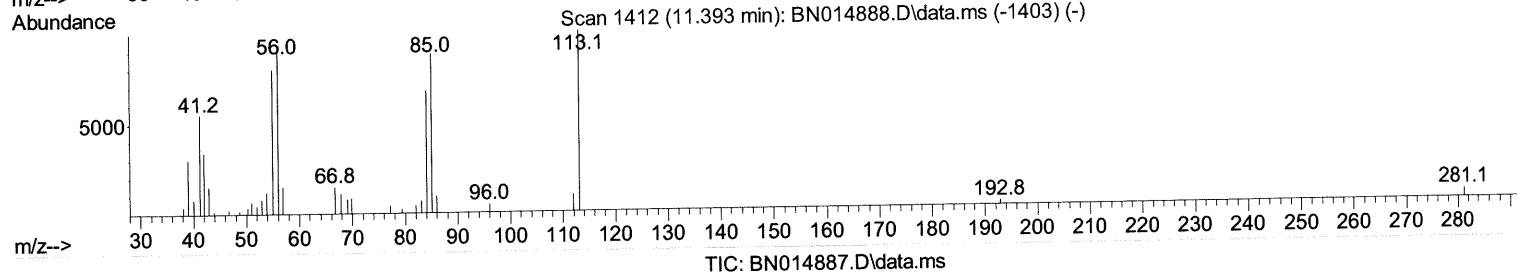
Manual Integrations APPROVED
mohammad
6/14/2021 5:49:18 PM







TIC: BN014887.D\data.ms

(34) Caprolactam

11.381min (-0.012) 7.49 ng/ul m 06/15/21 JU

response 16341

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	118.50	101.62
56.00	73.20	78.42
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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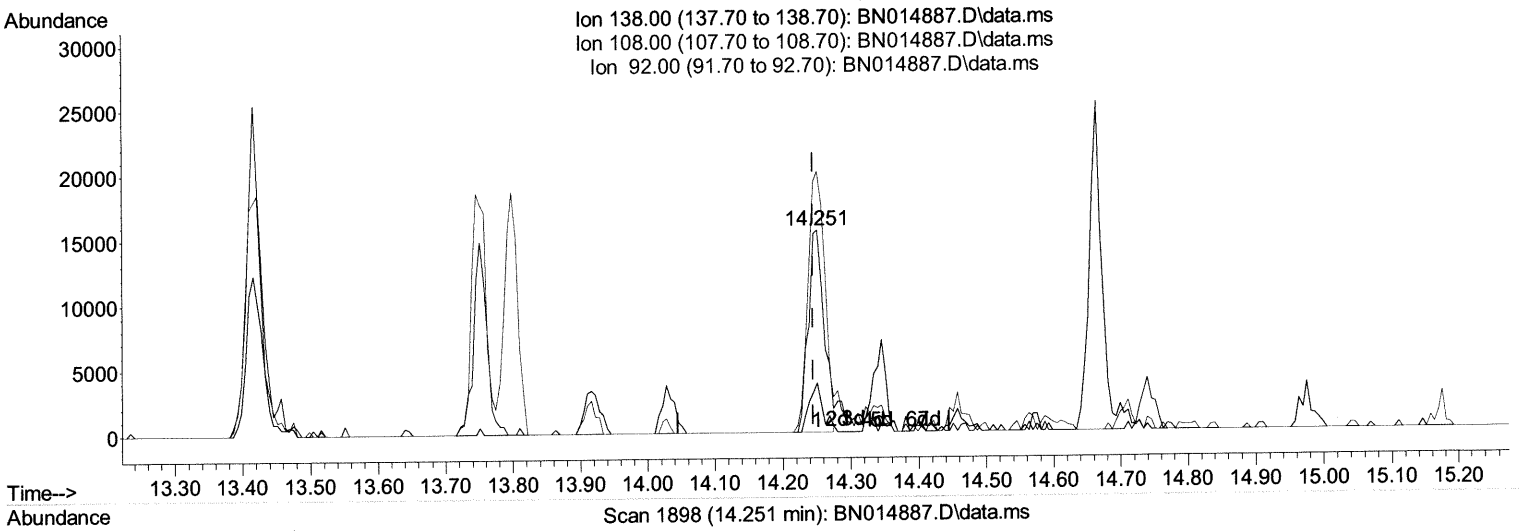

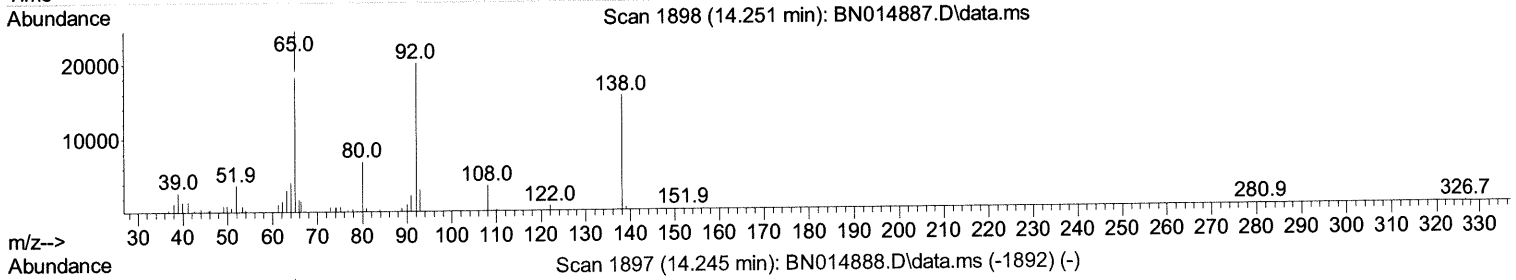

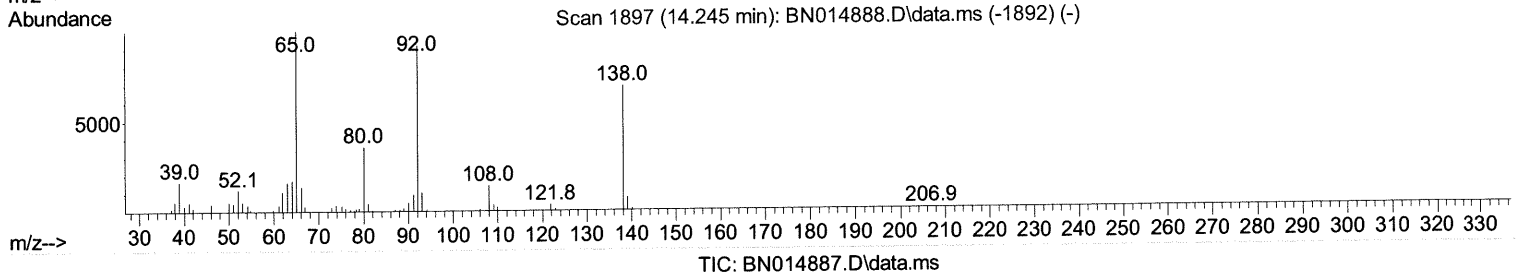

TIC: BN014887.D\data.ms

(51) 3-Nitroaniline

14.251min (+ 0.006) 6.41 ng/ul

response 25224

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	21.20	24.07
92.00	167.00	128.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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Acq On : 12 Jun 2021 10:38
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 01:50:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
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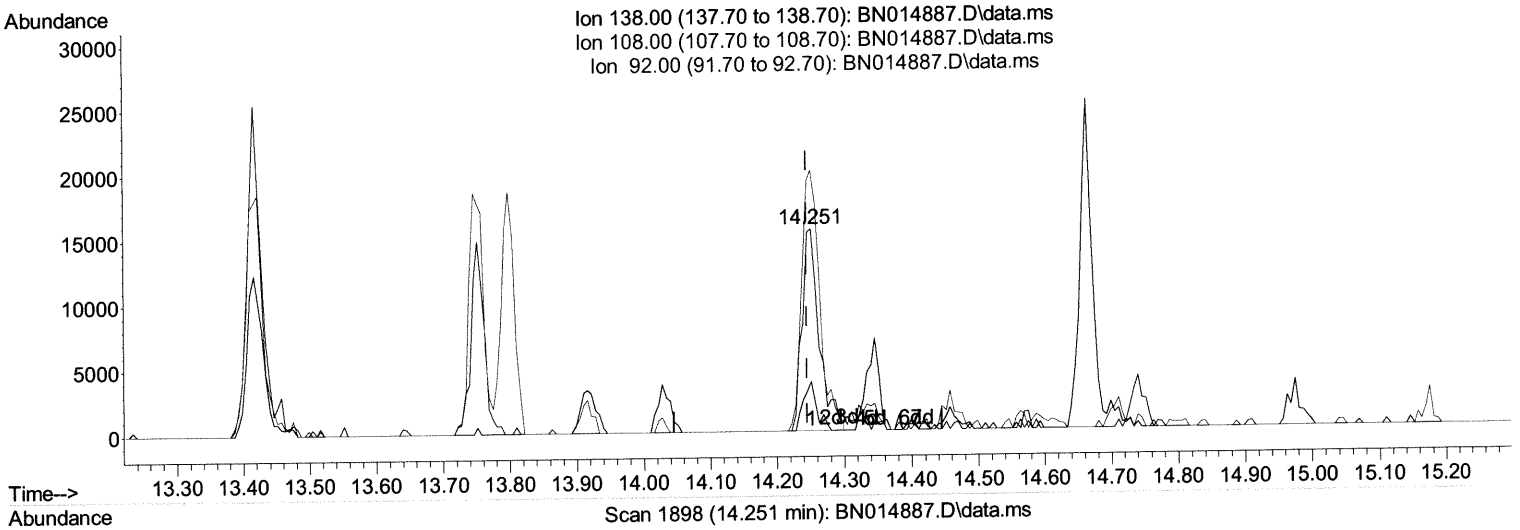
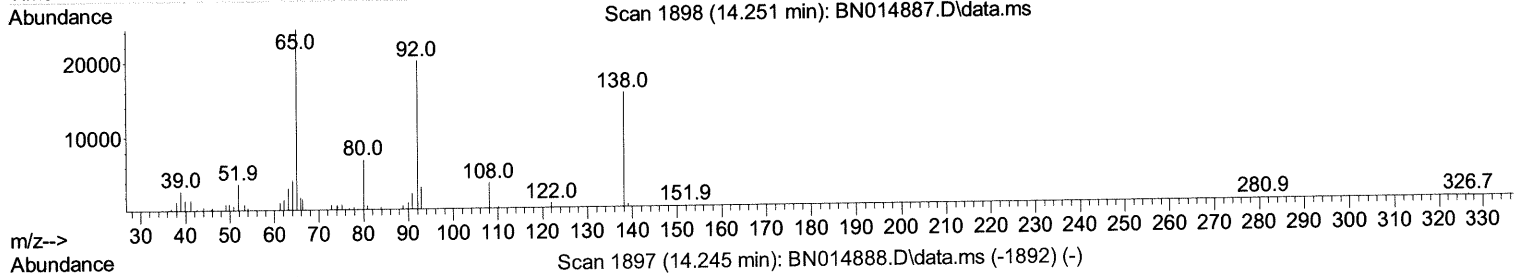
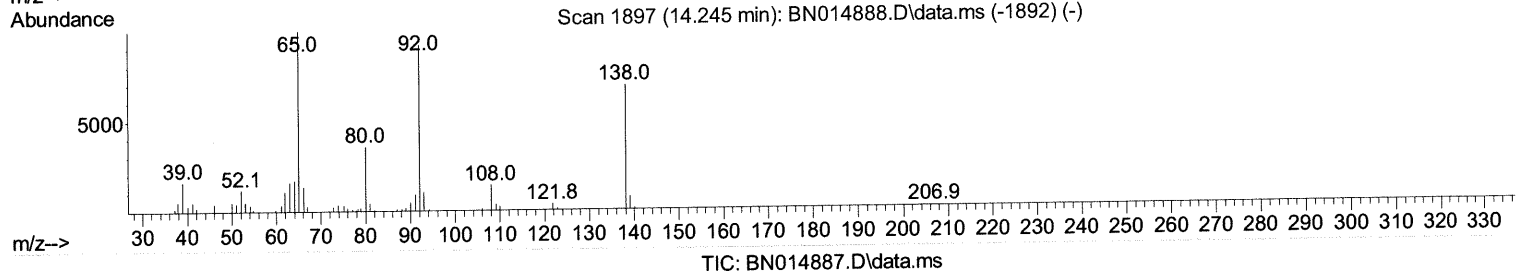
Instrument :
BNA_N
ClientSampleId :
SSTD010052

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:18 PM







TIC: BN014887.D\data.ms

(51) 3-Nitroaniline

14.251min (+ 0.006) 6.97 ng/ul m 06/15/21 JU

response 27418

Ion	Exp%	Act%
138.00	100.00	100.00
108.00	21.20	24.07
92.00	167.00	128.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
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Acq On : 12 Jun 2021 10:38
Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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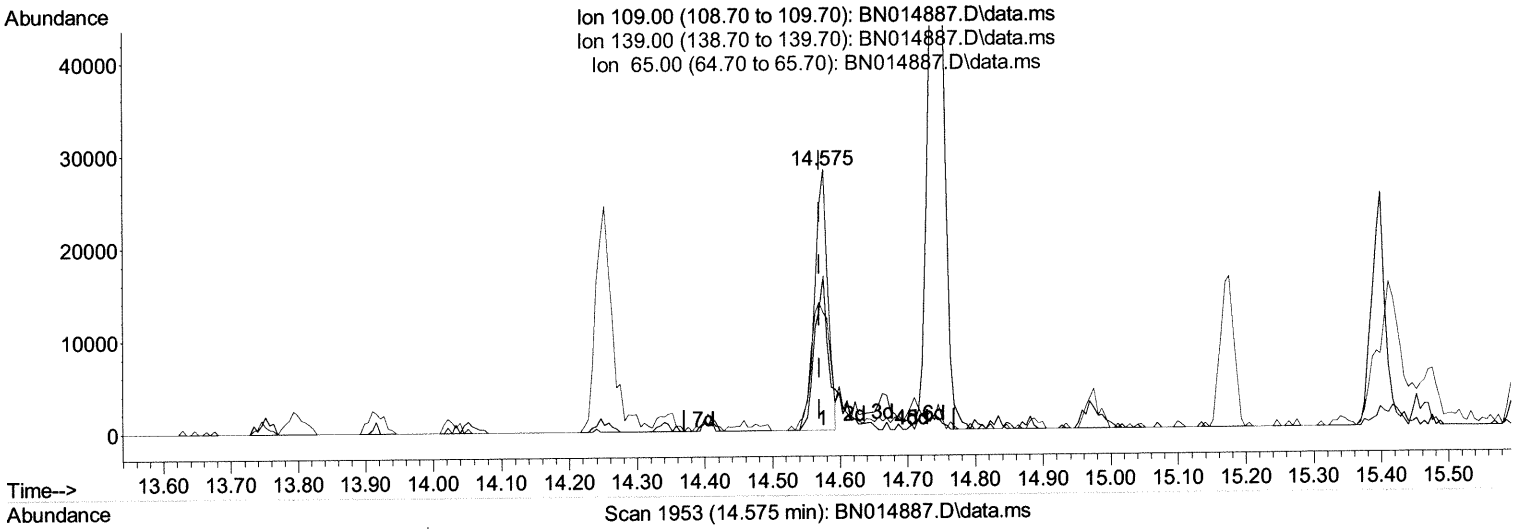
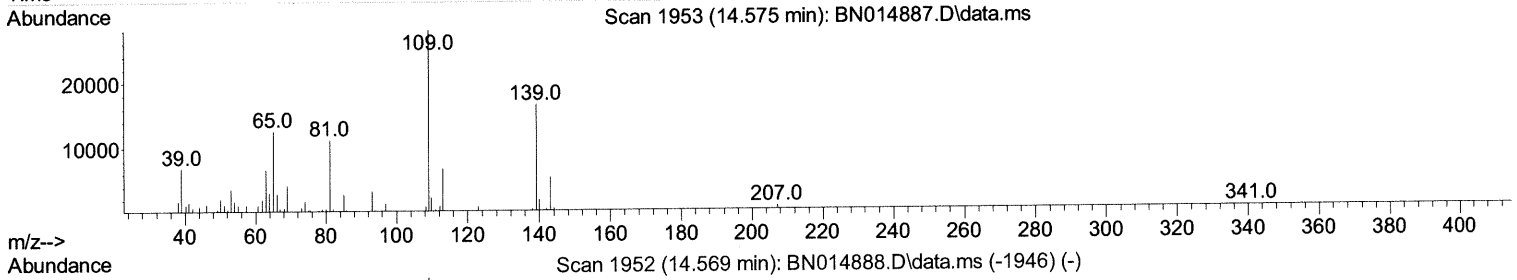
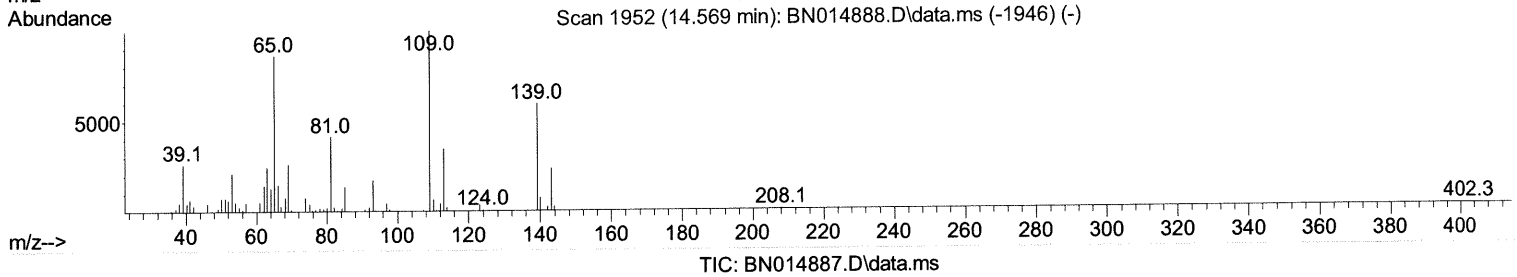
Instrument :
BNA_N
ClientSampleId :
SSTD010052

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:18 PM







TIC: BN014887.D\data.ms

(55) 4-Nitrophenol

14.575min (+ 0.006) 5.66 ng/ul

response 38027

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	74.80	59.12#
65.00	85.70	44.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 12 Jun 2021 10:38
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 14 01:50:22 2021
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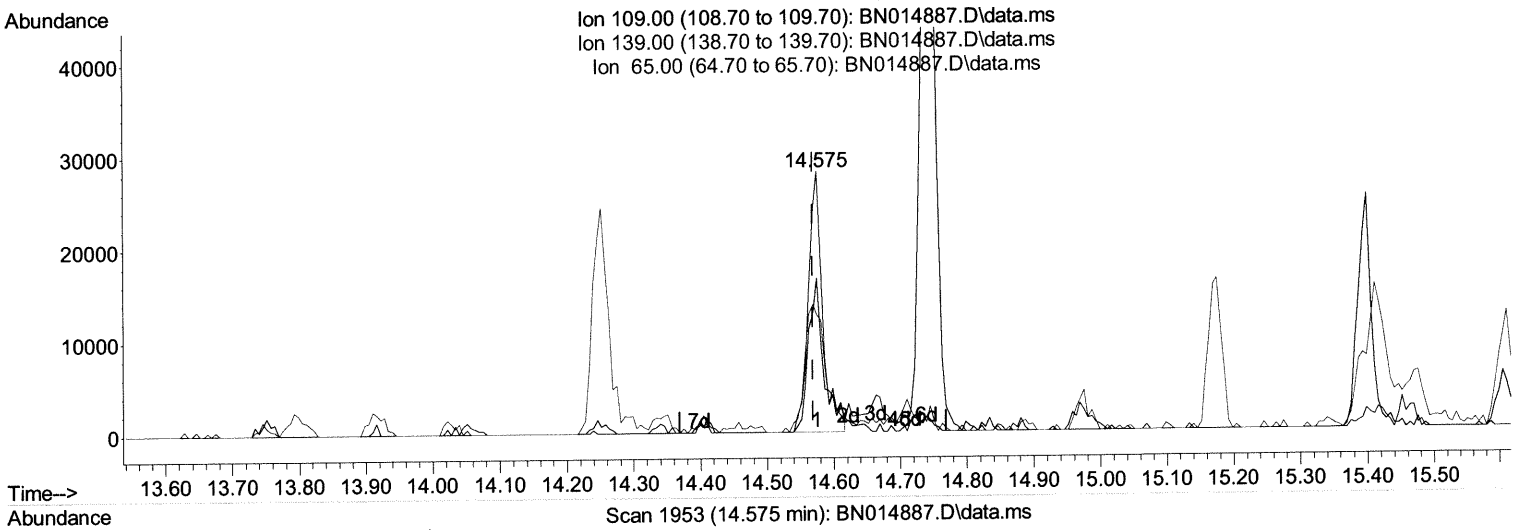
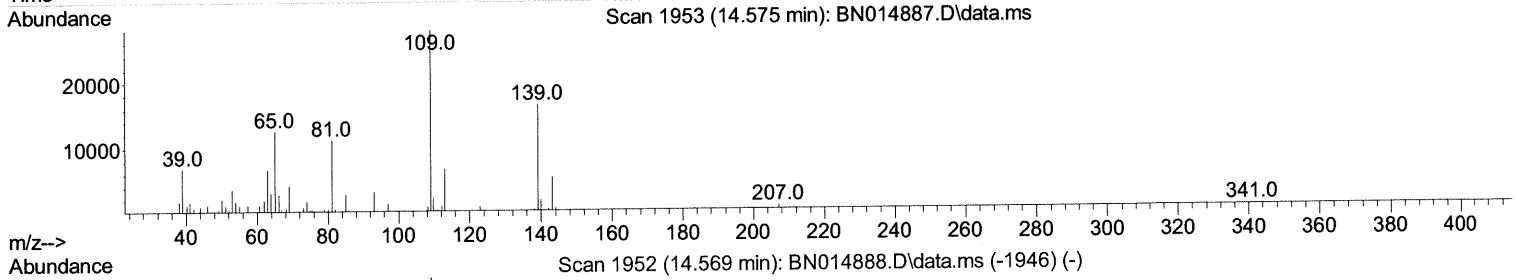
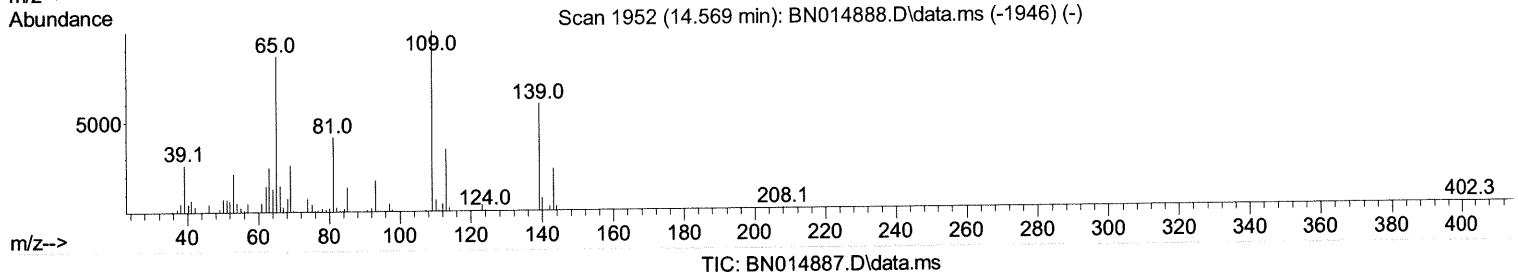
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010052

Manual Integrations APPROVED
mohammad
6/14/2021 5:49:18 PM







TIC: BN014887.D\data.ms

(55) 4-Nitrophenol

14.575min (+ 0.006) 6.18 ng/ul m 06/15/21 JU

response 41506

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	74.80	59.12#
65.00	85.70	44.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061221\
Data File : BN014887.D
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Operator : CG/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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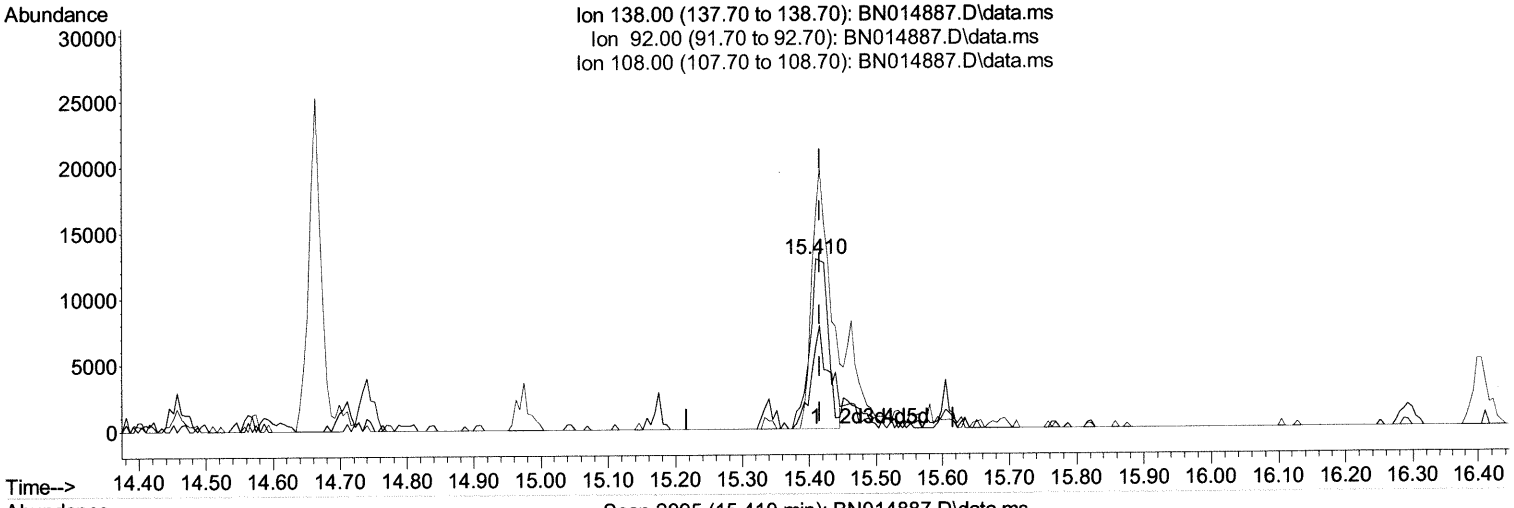

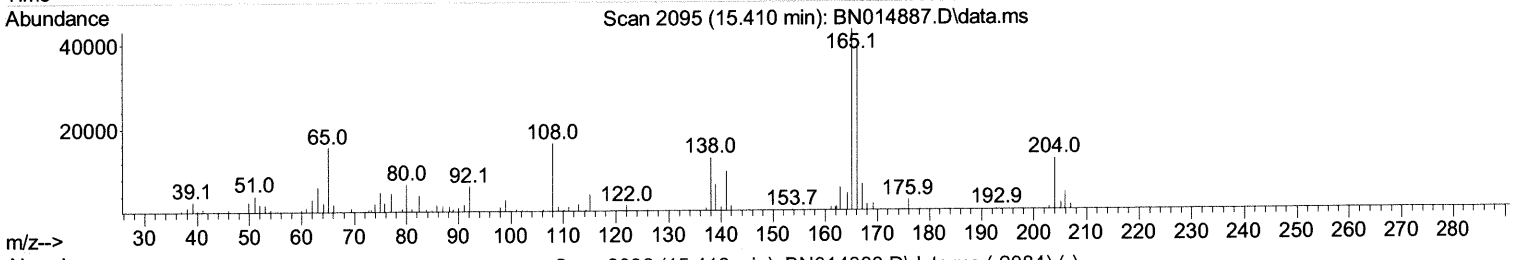

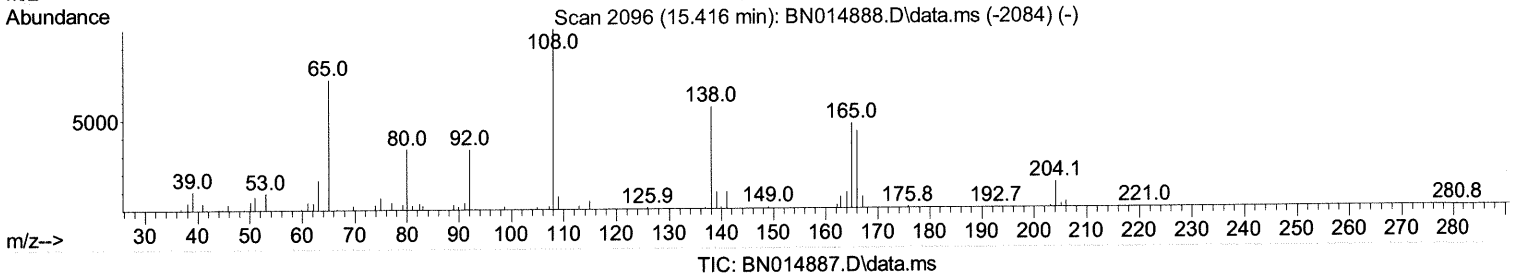

TIC: BN014887.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.006) 6.56 ng/ul

response 26207

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	71.90	48.47#
108.00	136.60	127.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 12 Jun 2021 10:38
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ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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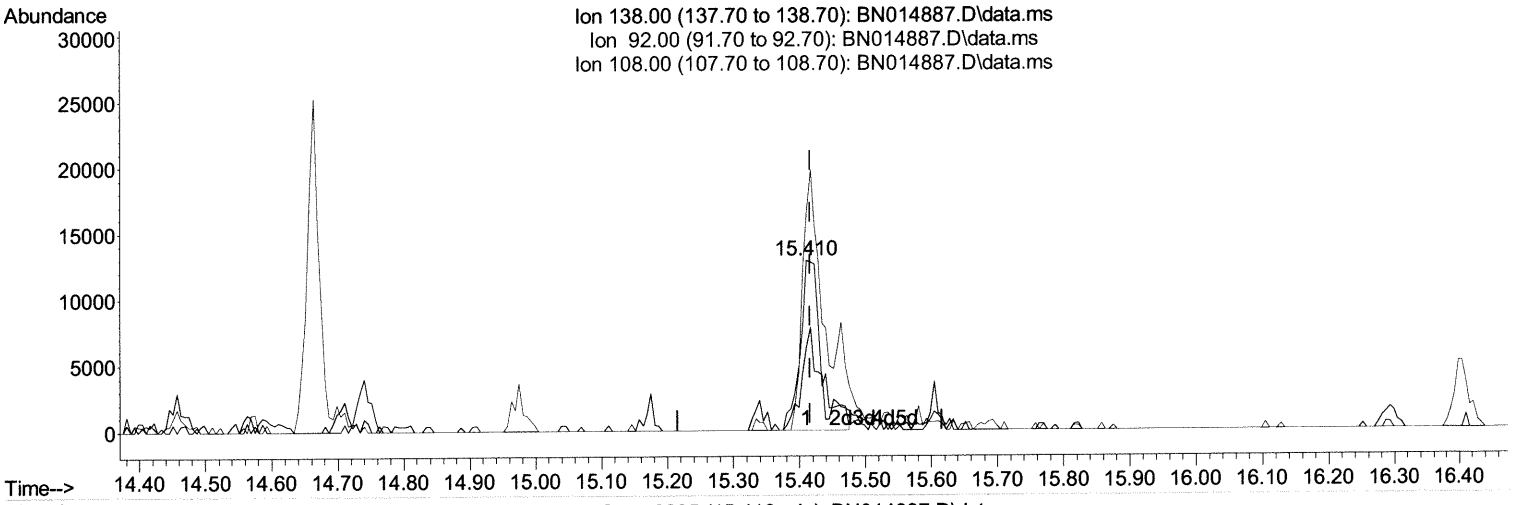
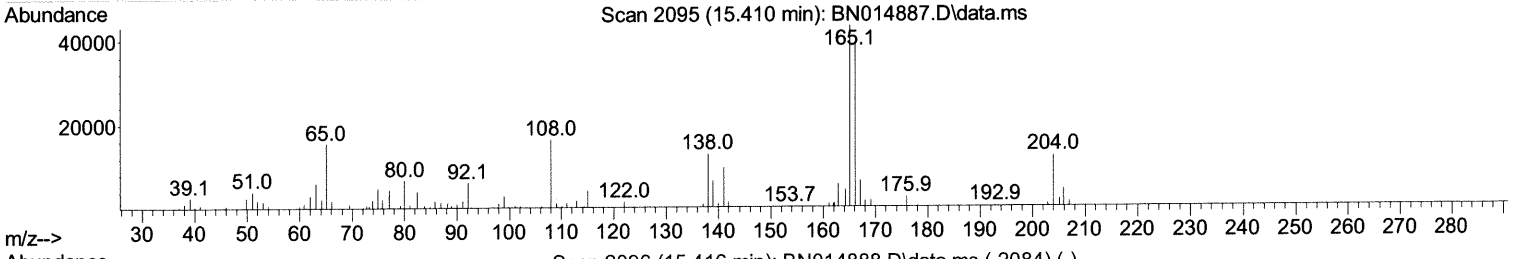
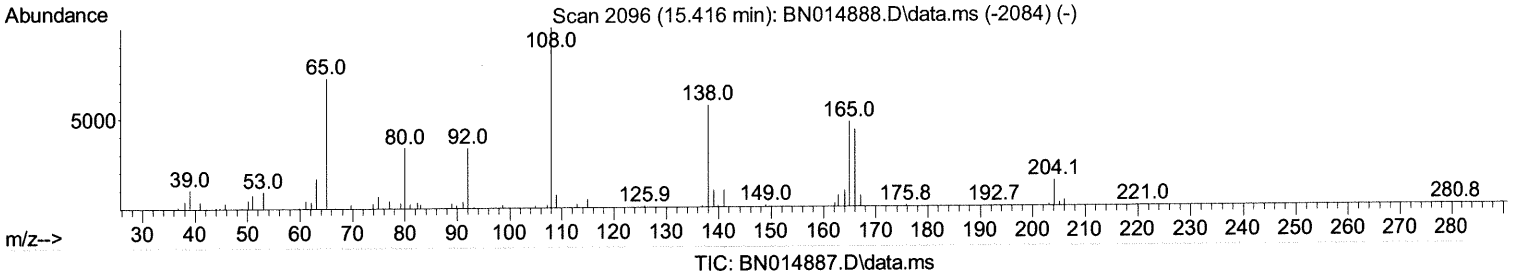
Manual Integrations APPROVED
mohammad
6/14/2021 5:49:18 PM







TIC: BN014887.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.006) 7.23 ng/ul m 06/13/21 JU

response 28883

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	71.90	48.47#
108.00	136.60	127.72
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	101022	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	381527	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.339	164	277693	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	643767	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.298	240	793997	20.000	ng/ul	0.00
88) Perylene-d12	23.551	264	927160	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	8300	3.346	ng/uL	0.00
4) Pyridine-d5	3.617	84	33500	5.362	ng/ul	0.00
7) Phenol-d5	6.863	99	70776	7.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	34532	7.020	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	58160	9.494	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	61332	7.975	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	29245	10.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	31643	10.243	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	69194	9.824	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	77914	9.383	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	237002	10.742	ng/ul	0.00
49) Acenaphthylene-d8	14.028	160	250795	9.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	23426	6.684	ng/ul	0.00
60) Fluorene-d10	15.339	176	190442	10.018	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	32314	9.177	ng/ul	0.00
73) Anthracene-d10	17.192	188	317949	10.573	ng/ul	0.00
81) Pyrene-d10	19.498	212	394639	10.541	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.410	264	464939	9.414	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	9481	3.255	ng/uL#	76
5) Pyridine	3.634	79	39907	6.096	ng/ul#	89
6) Benzaldehyde	6.834	77	32822	6.162	ng/ul	95
8) Phenol	6.887	94	69185	6.797	ng/ul#	78
10) Bis(2-Chloroethyl)ether	7.116	93	55814	7.105	ng/ul	95
12) 2-Chlorophenol	7.258	128	60411	9.421	ng/ul	92
13) 2-Methylphenol	8.134	108	54275	7.261	ng/ul#	79
14) 2,2'-oxybis(1-Chloropr...	8.210	45	38359	7.740	ng/ul	97
16) Acetophenone	8.505	105	99269	7.797	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.493	70	48269	7.871	ng/ul#	95
18) 4-Methylphenol	8.463	108	60683	7.444	ng/ul	99
19) Hexachloroethane	8.757	117	34110	10.625	ng/ul	90
22) Nitrobenzene	8.881	77	78979	8.805	ng/ul#	96
23) Isophorone	9.399	82	139620	8.198	ng/ul	95
25) 2-Nitrophenol	9.593	139	33261	10.132	ng/ul#	82
26) 2,4-Dimethylphenol	9.657	107	92022	9.106	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.893	93	76831	7.424	ng/ul#	96
29) 2,4-Dichlorophenol	10.122	162	63290	9.369	ng/ul	90
30) Naphthalene	10.522	128	197355	9.517	ng/ul	99
32) 4-Chloroaniline	10.634	127	75346	8.526	ng/ul	91
33) Hexachlorobutadiene	10.810	225	67421	11.162	ng/ul	85
34) Caprolactam	11.381	113	16341m >	7.487	ng/ul >	06/15/21 JU
35) 4-Chloro-3-methylphenol	11.775	107	78491	8.018	ng/ul	92

Quantitation Report (QT Reviewed)

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ALS Vial : 4 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 14 01:48:30 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010052

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.145	142	148839	9.629	ng/ul	92
37)	1-Methylnaphthalene	12.369	142	150404	9.897	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.516	216	99195	9.448	ng/ul#	89
40)	Hexachlorocyclopentadiene	12.498	237	68268	9.815	ng/ul#	86
41)	2,4,6-Trichlorophenol	12.763	196	53633	9.097	ng/ul	98
42)	2,4,5-Trichlorophenol	12.840	196	59800	9.294	ng/ul	94
43)	1,1'-Biphenyl	13.169	154	197666	9.950	ng/ul#	94
44)	2-Chloronaphthalene	13.210	162	159056	9.993	ng/ul	97
45)	2-Nitroaniline	13.416	65	44981	9.278	ng/ul	88
47)	Dimethylphthalate	13.798	163	222038	10.175	ng/ul	96
48)	2,6-Dinitrotoluene	13.916	165	38521	9.500	ng/ul#	92
50)	Acenaphthylene	14.057	152	232272	9.902	ng/ul	95
51)	3-Nitroaniline	14.251	138	27418m	6.968	ng/ul	06/15/21 JU
52)	Acenaphthene	14.404	153	177512	10.445	ng/ul	97
53)	2,4-Dinitrophenol	14.463	184	12044	4.091	ng/ul	93
55)	4-Nitrophenol	14.575	109	41506m	6.178	ng/ul	06/15/21 JU
56)	Dibenzofuran	14.745	168	250296	9.900	ng/ul#	87
57)	2,4-Dinitrotoluene	14.710	165	61522	9.520	ng/ul#	92
58)	2,3,4,6-Tetrachlorophenol	14.975	232	63172	9.544	ng/ul	94
59)	Diethylphthalate	15.175	149	223822	10.669	ng/ul#	92
61)	Fluorene	15.392	166	204621	10.757	ng/ul	95
62)	4-Chlorophenyl-phenyle...	15.392	204	118507	10.531	ng/ul#	82
63)	4-Nitroaniline	15.410	138	28883m	7.227	ng/ul	06/15/21 JU
66)	4,6-Dinitro-2-methylph...	15.475	198	33402	9.697	ng/ul#	99
67)	N-Nitrosodiphenylamine	15.610	169	183009	10.554	ng/ul	97
68)	4-Bromophenyl-phenylether	16.286	248	86728	10.346	ng/ul#	82
69)	Hexachlorobenzene	16.404	284	108626	10.358	ng/ul	97
70)	Atrazine	16.563	200	79409	11.075	ng/ul#	90
71)	Pentachlorophenol	16.751	266	37901	6.277	ng/ul#	85
72)	Phenanthrene	17.139	178	351361	10.446	ng/ul	98
74)	Anthracene	17.228	178	364173	10.742	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.134	216	104559	9.829	ng/uL	92
76)	Pentachlorobenzene	14.663	250	114377	10.396	ng/uL	97
77)	Carbazole	17.504	167	280658	9.823	ng/ul	98
78)	Di-n-butylphthalate	18.075	149	344149	10.222	ng/ul#	96
80)	Fluoranthene	19.163	202	444845	10.076	ng/ul	96
82)	Pyrene	19.527	202	486917	10.725	ng/ul#	96
83)	Butylbenzylphthalate	20.439	149	158791	10.409	ng/ul	90
84)	3,3'-Dichlorobenzidine	21.221	252	155297	10.374	ng/ul	97
85)	Benzo(a)anthracene	21.280	228	512559	10.356	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.221	149	253535	11.531	ng/ul	97
87)	Chrysene	21.333	228	493823	9.908	ng/ul	98
89)	Di-n-octyl phthalate	22.104	149	475522	11.593	ng/ul	100
90)	Benzo(b)fluoranthene	22.874	252	585536	10.523	ng/ul	94
91)	Benzo(k)fluoranthene	22.916	252	560195	10.105	ng/ul	97
93)	Benzo(a)pyrene	23.451	252	519364	10.314	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	25.815	276	658850	9.549	ng/ul#	92
95)	Dibenzo(a,h)anthracene	25.827	278	540942	9.474	ng/ul	99
96)	Benzo(g,h,i)perylene	26.509	276	564850	9.250	ng/ul#	93

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

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