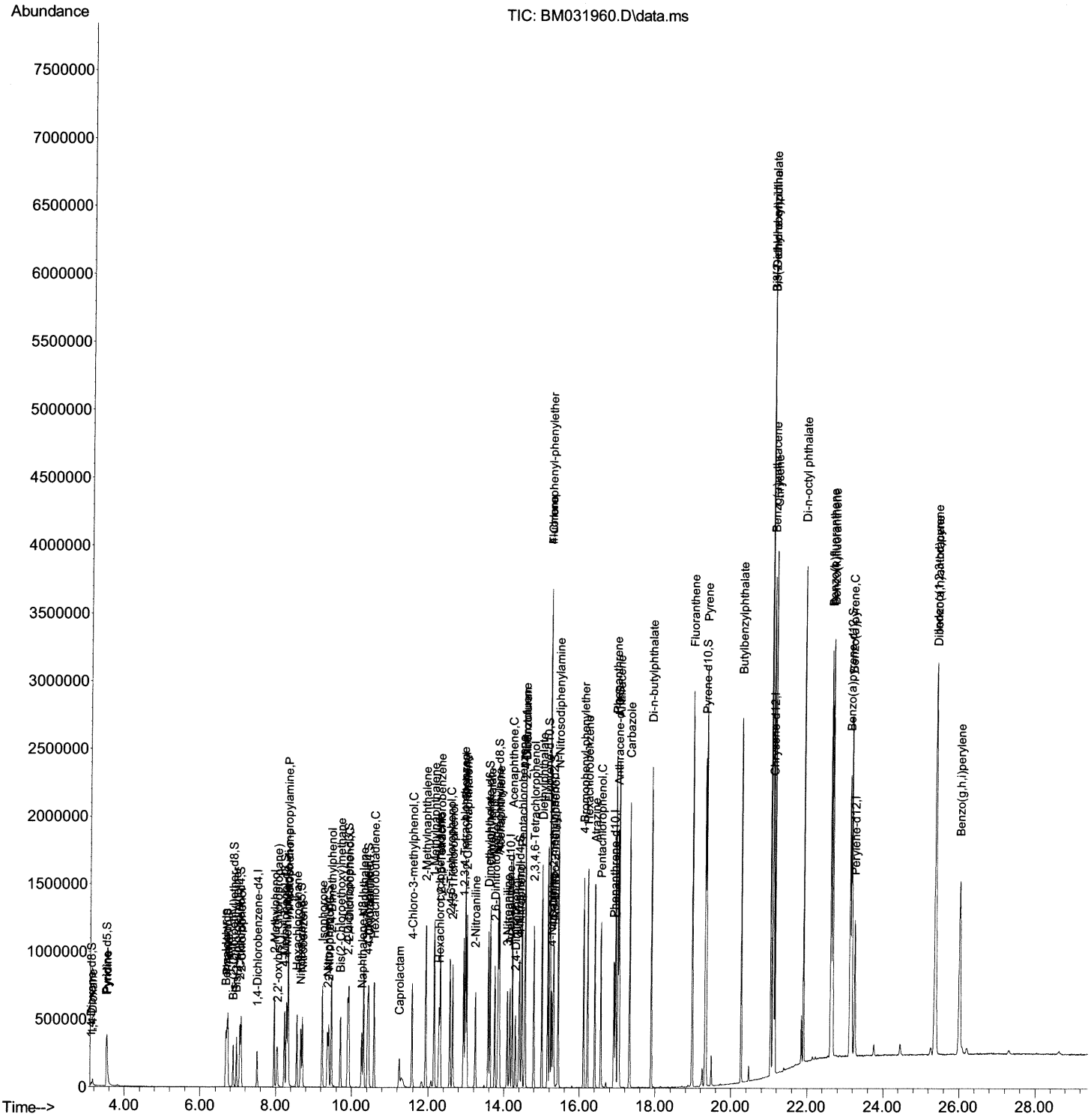
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031960.D
Acq On : 30 Aug 2021 21:36
Operator : CG/JU
Sample : PB138566BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 31 02:37:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS566

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:26 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031960.D
Acq On : 30 Aug 2021 21:36
Operator : CG/JU
Sample : PB138566BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 31 02:37:06 2021
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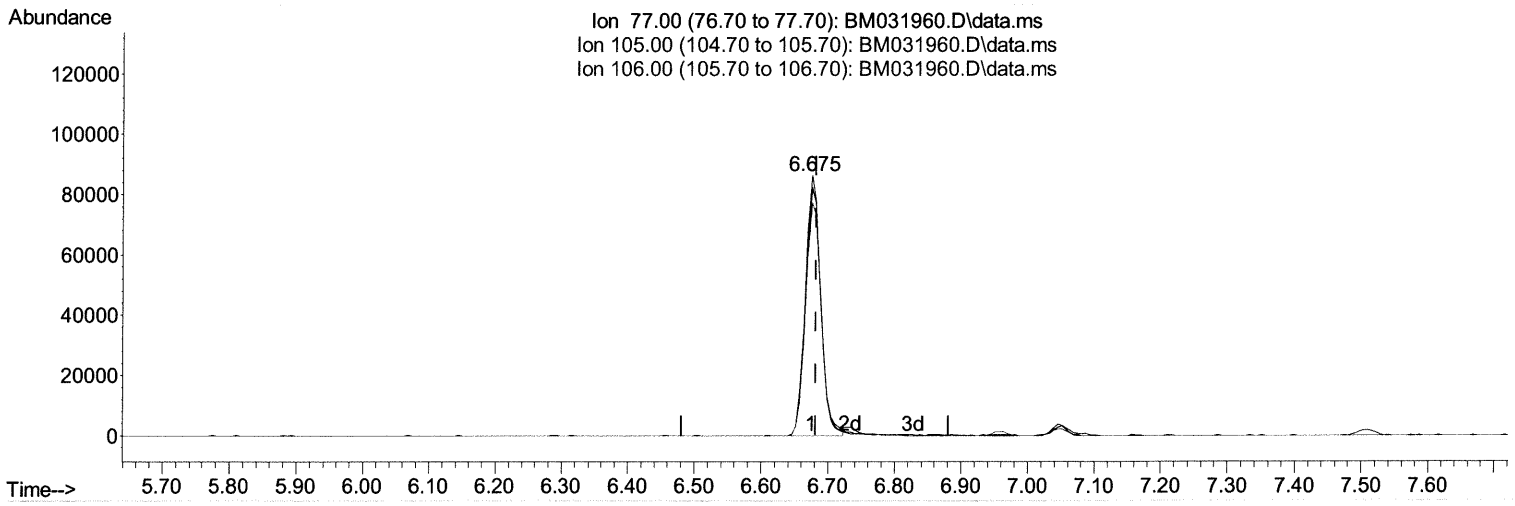

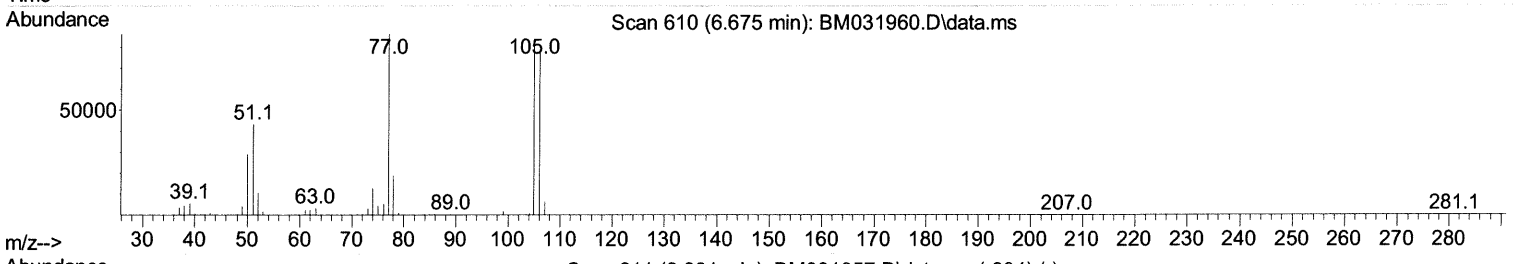

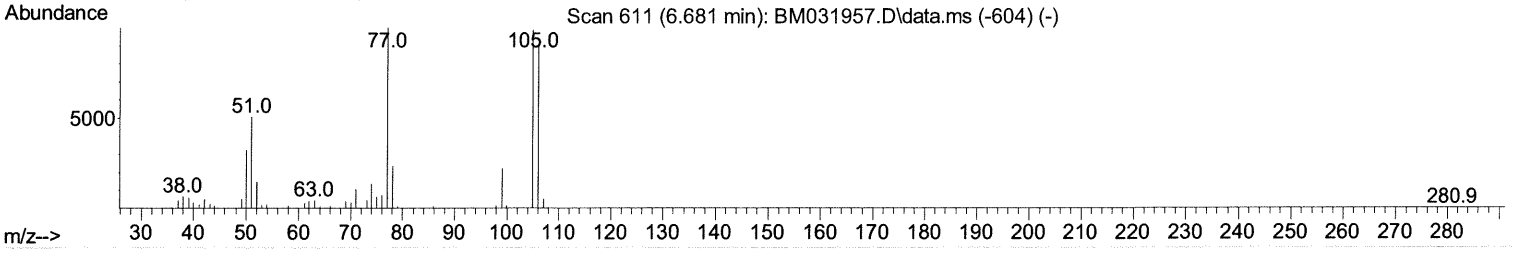

TIC: BM031960.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 52.63 ng/ul

response 138870

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	95.48
106.00	93.70	89.53
0.00	0.00	0.00

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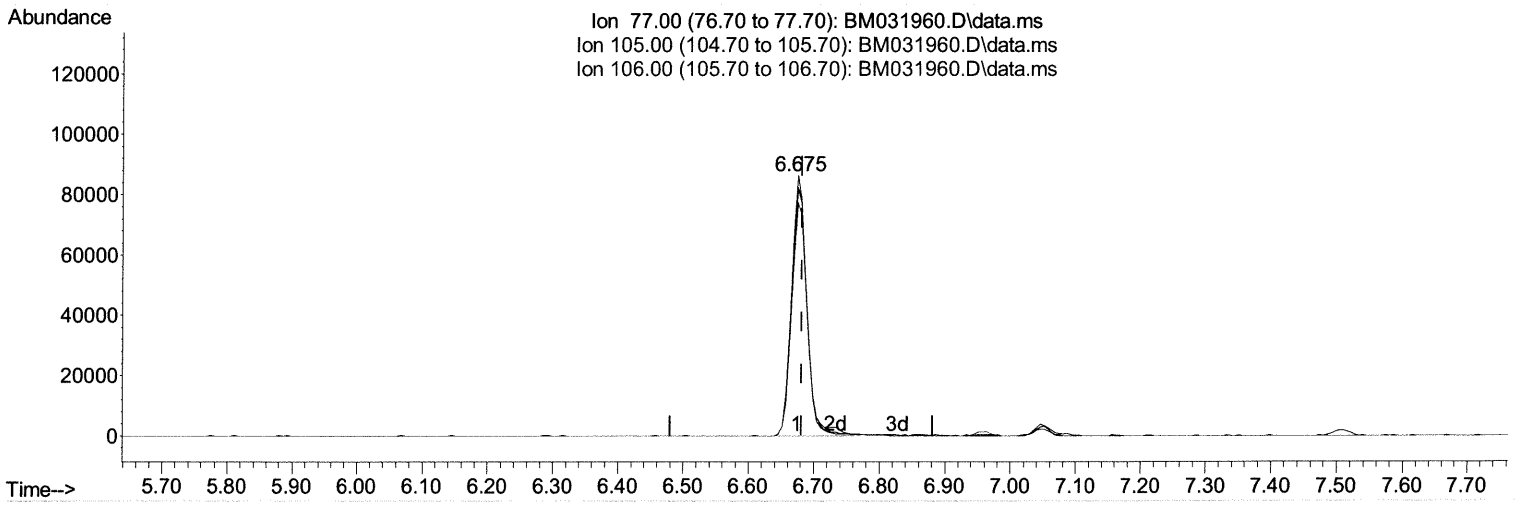
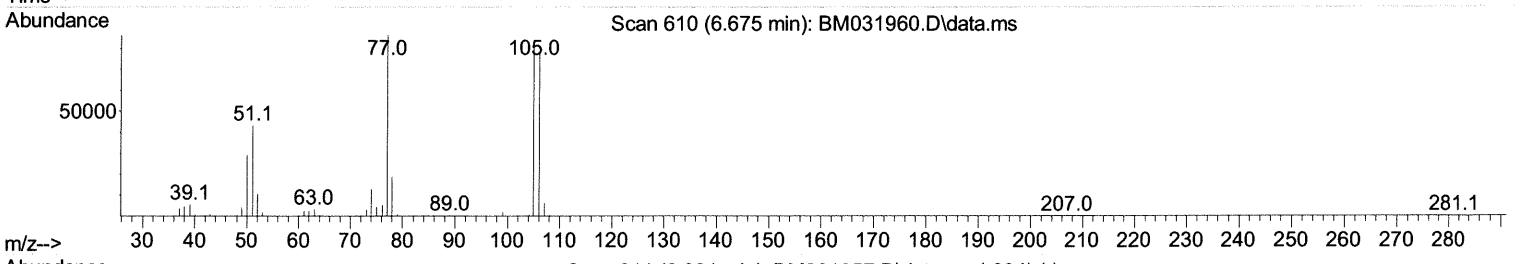
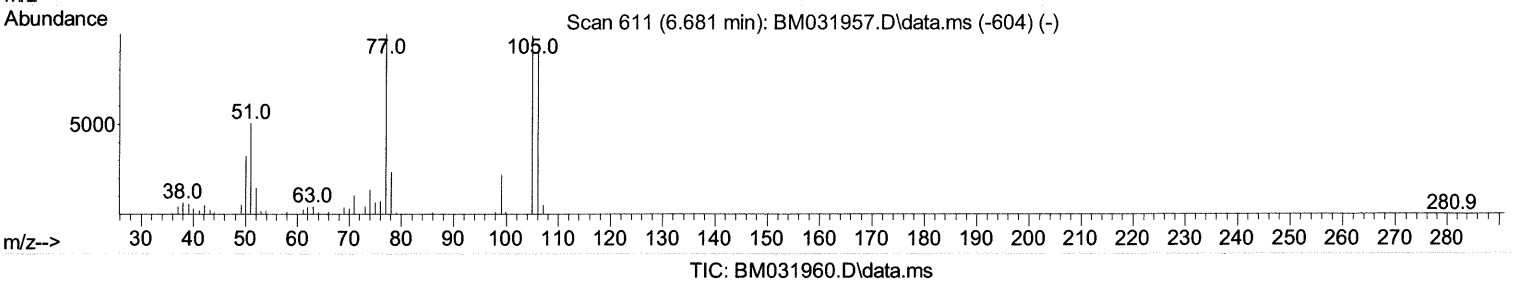
Manual Integrations APPROVED
mohammad
8/31/2021 11:37:26 AM







TIC: BM031960.D\data.ms

(6) Benzaldehyde

6.675min (-0.006) 54.04 ng/ul m 09/01/21 JU

response 142588

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	102.80	95.48
106.00	93.70	89.53
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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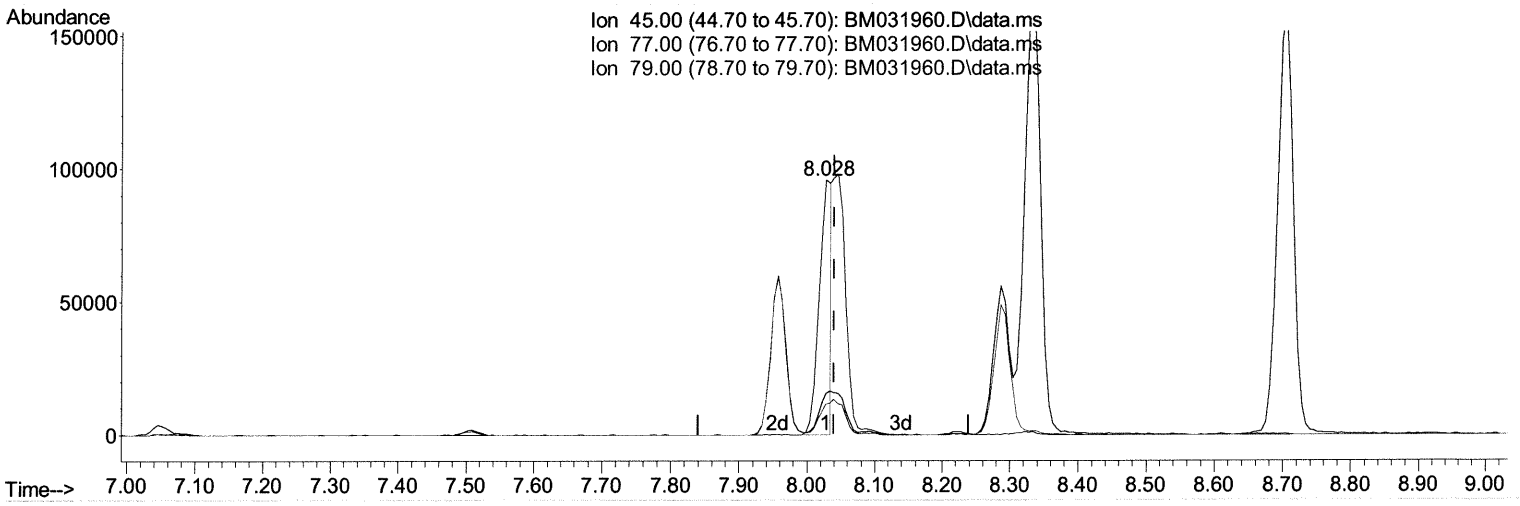

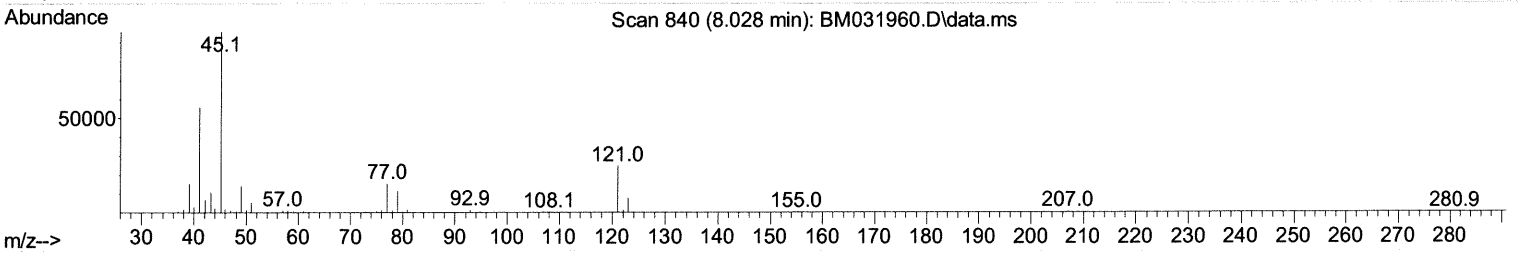

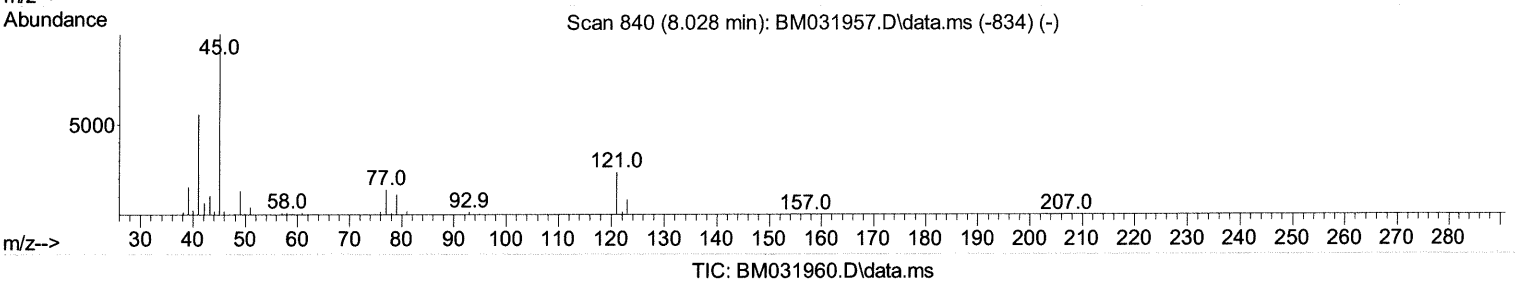

TIC: BM031960.D\data.ms

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

8.028min (-0.012) 20.36 ng/ul

response 118185

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	16.12#
79.00	9.80	11.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM031960.D
Acq On : 30 Aug 2021 21:36
Operator : CG/JU
Sample : PB138566BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 31 02:37:06 2021
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BNA_M
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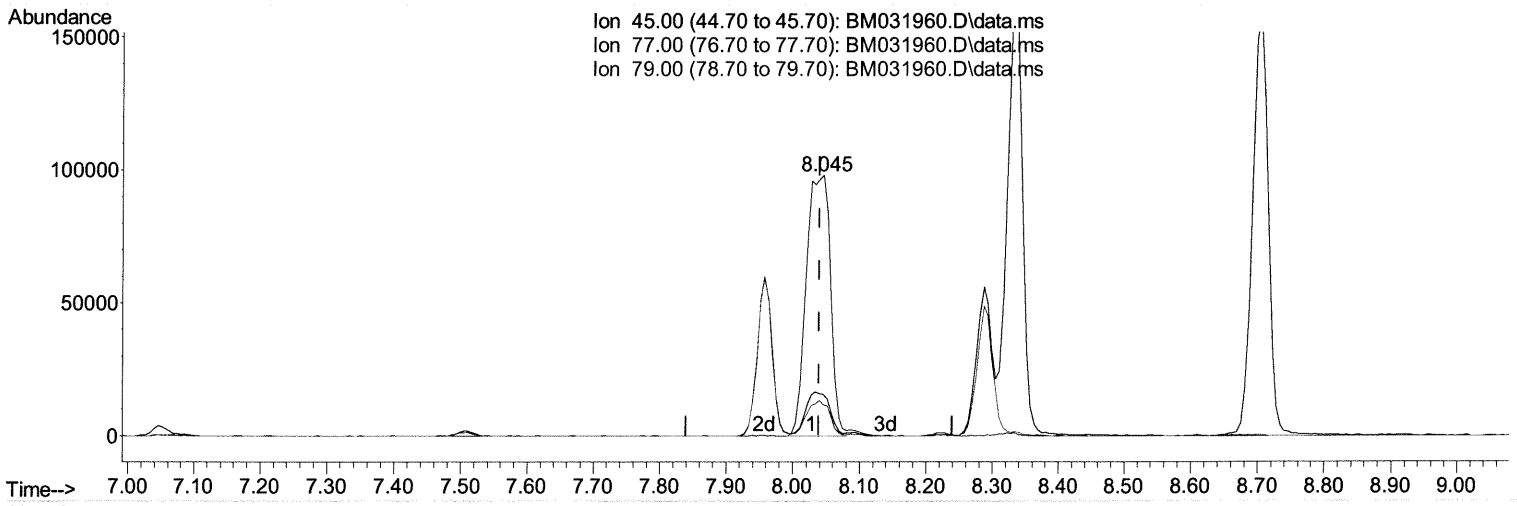
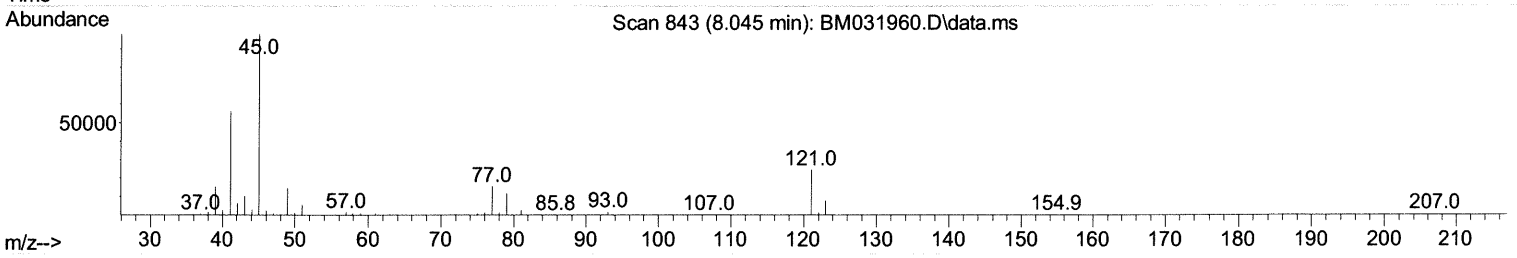
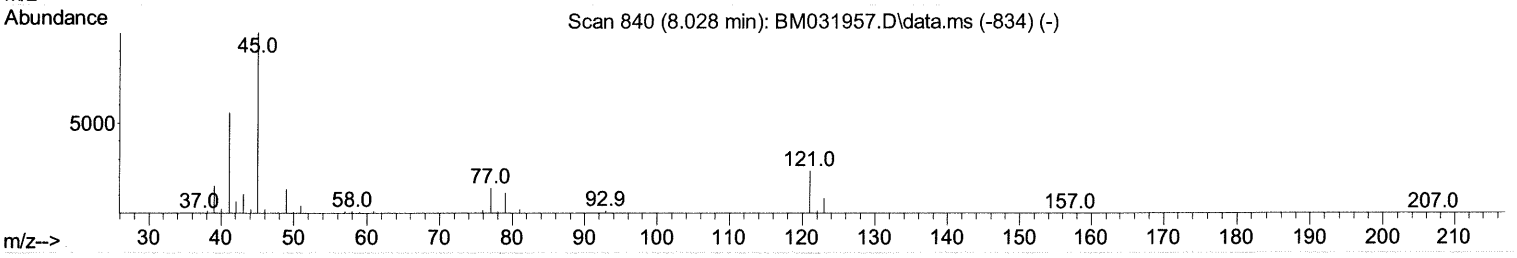
Manual Integrations APPROVED
mohammad
8/31/2021 11:37:26 AM







TIC: BM031960.D\data.ms

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

8.045min (+ 0.006) 42.21 ng/ul m 09/01/21 JU

response 245030

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	12.80	16.05#
79.00	9.80	11.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 30 Aug 2021 21:36
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Sample : PB138566BS
Misc :
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Manual Integrations APPROVED
mohammad
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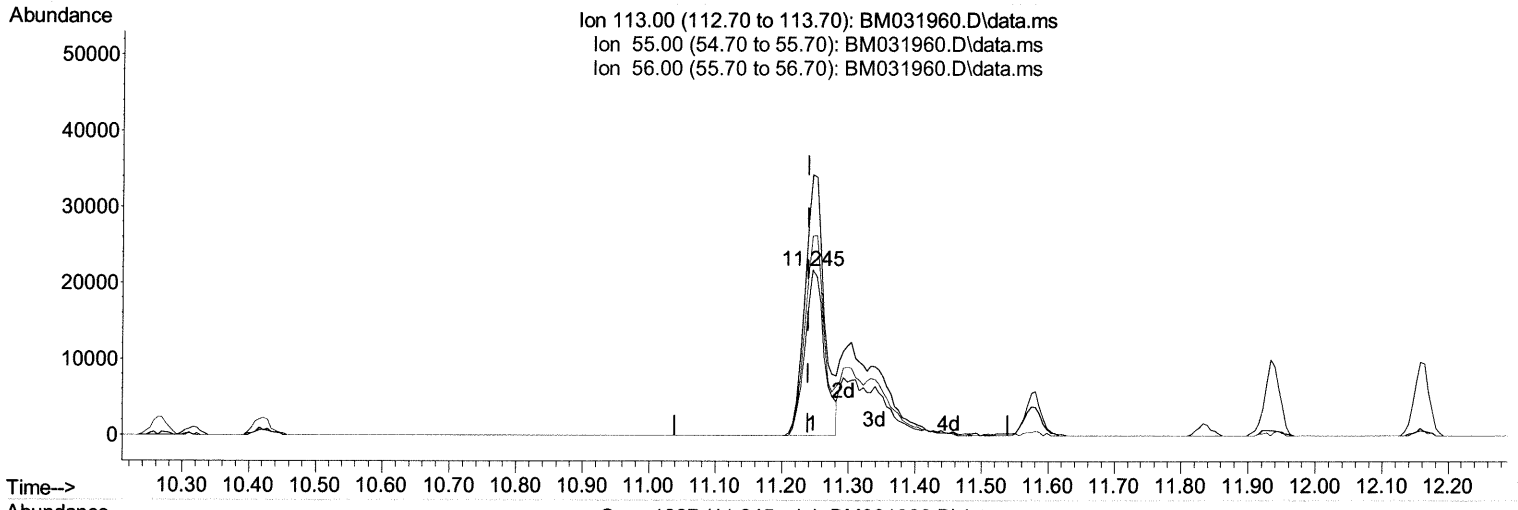

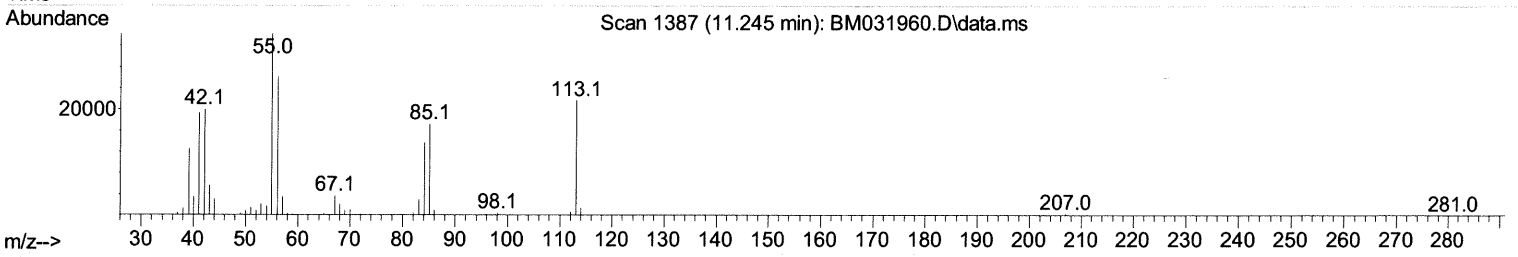

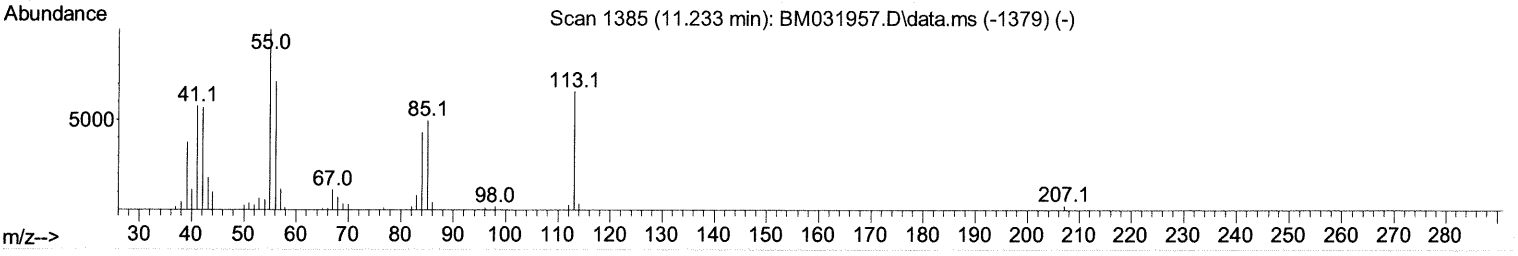

TIC: BM031960.D\data.ms

(34) Caprolactam

11.245min (+ 0.006) 25.40 ng/ul

response 43960

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	157.59
56.00	127.40	120.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM031960.D
Acq On : 30 Aug 2021 21:36
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Instrument :
BNA_M
ClientSampleId :
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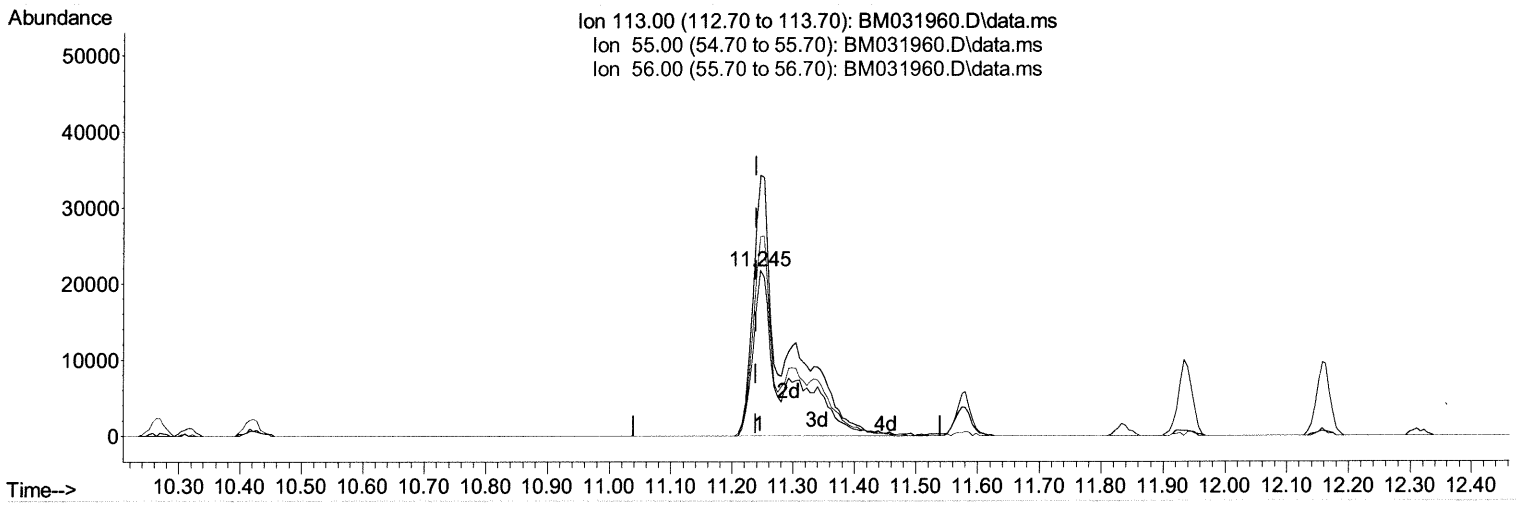
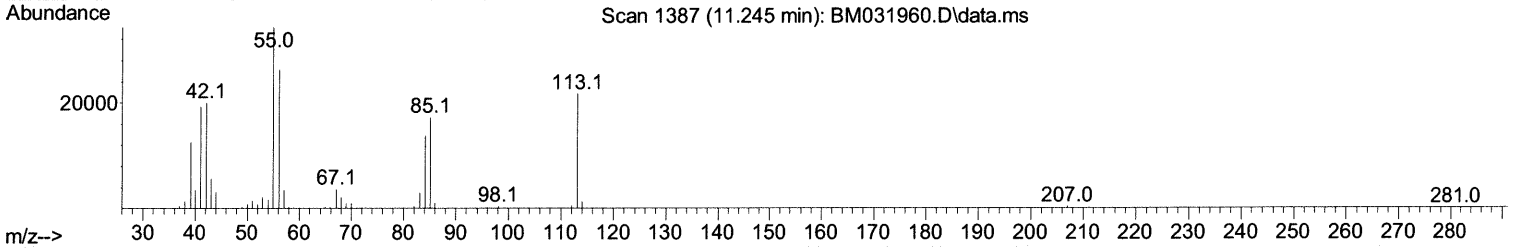
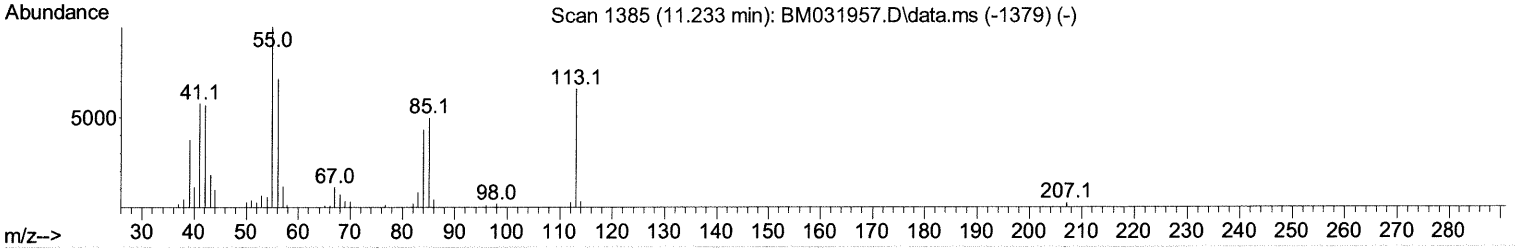
Manual Integrations APPROVED
mohammad
8/31/2021 11:37:26 AM







TIC: BM031960.D\data.ms

(34) Caprolactam

11.245min (+ 0.006) 45.10 ng/ul m 09/01/21 JU

response 78036

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	194.00	157.59
56.00	127.40	120.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
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mohammad
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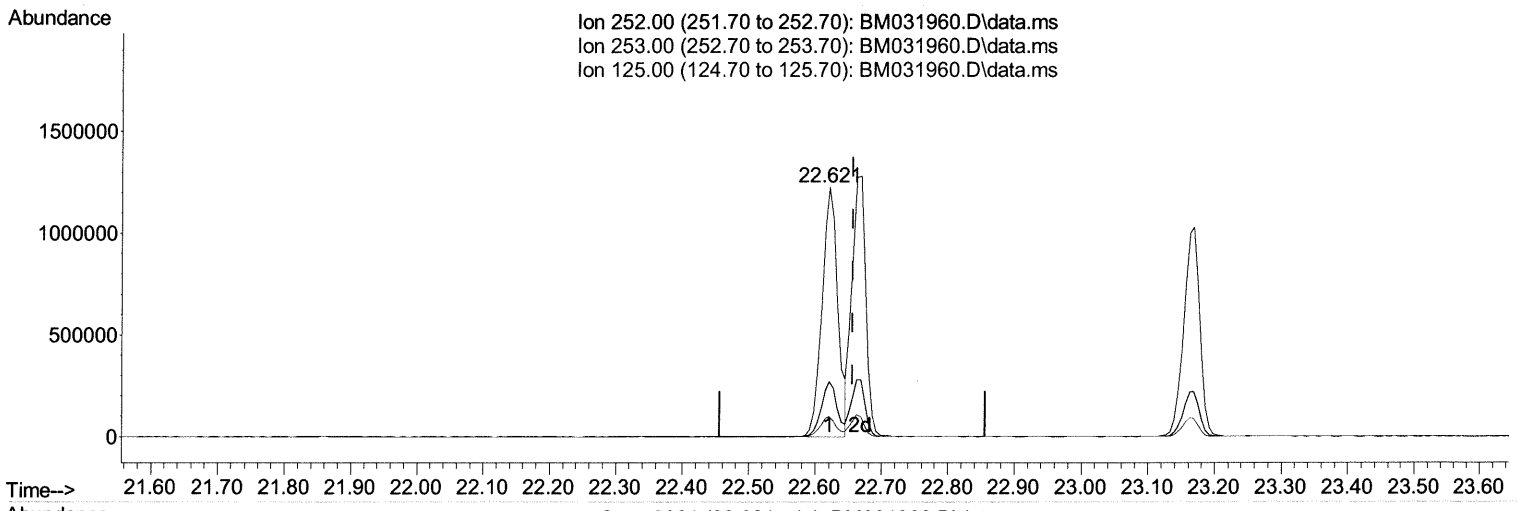

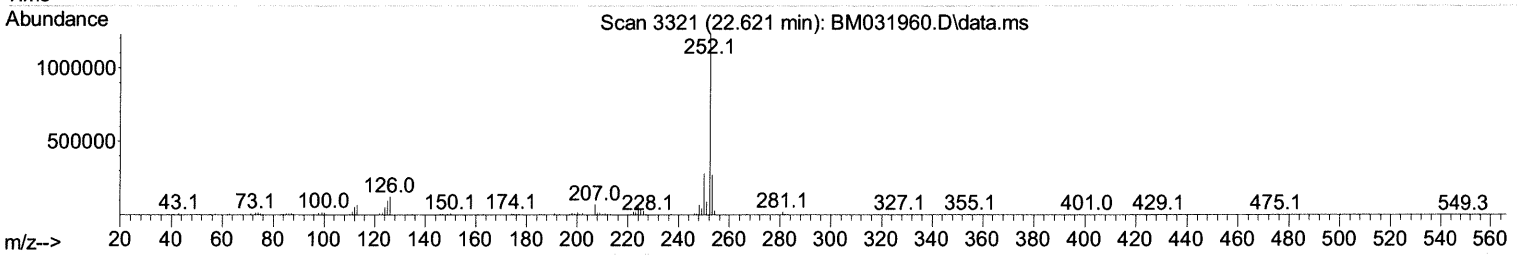

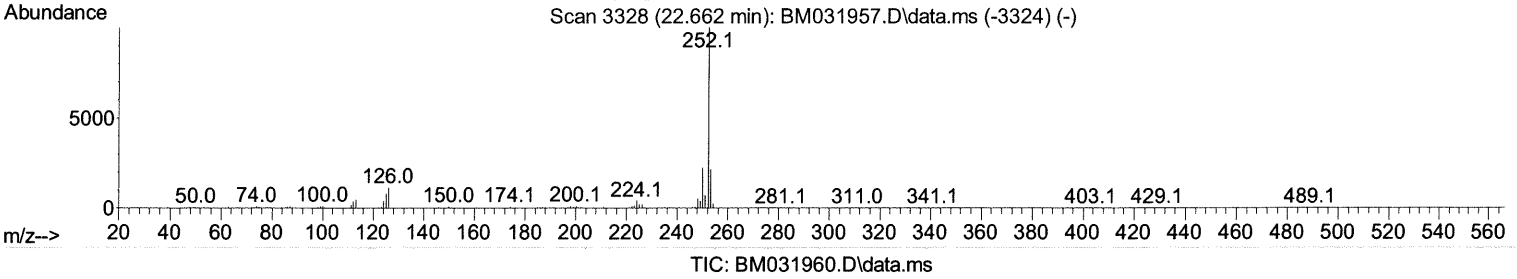

TIC: BM031960.D\data.ms

(91) Benzo(k)fluoranthene

22.621min (-0.035) 51.68 ng/ul

response 2020088

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.08
125.00	9.90	7.98
0.00	0.00	0.00

Quantitation Report (Qedit)

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mohammad
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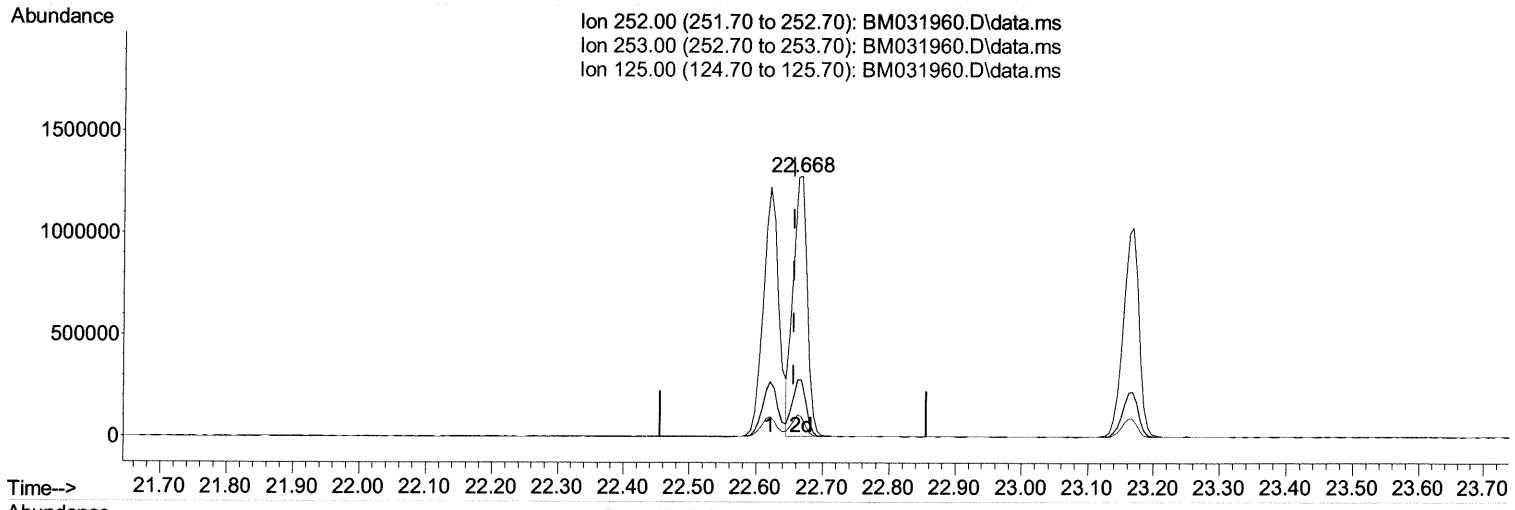

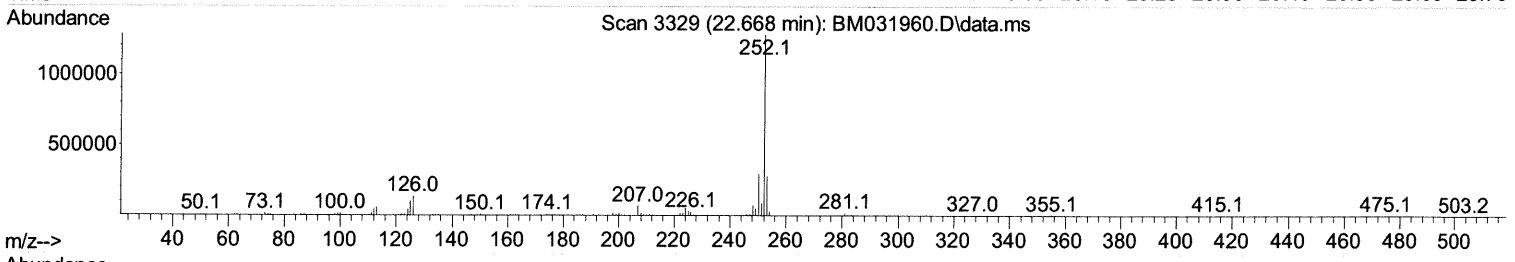

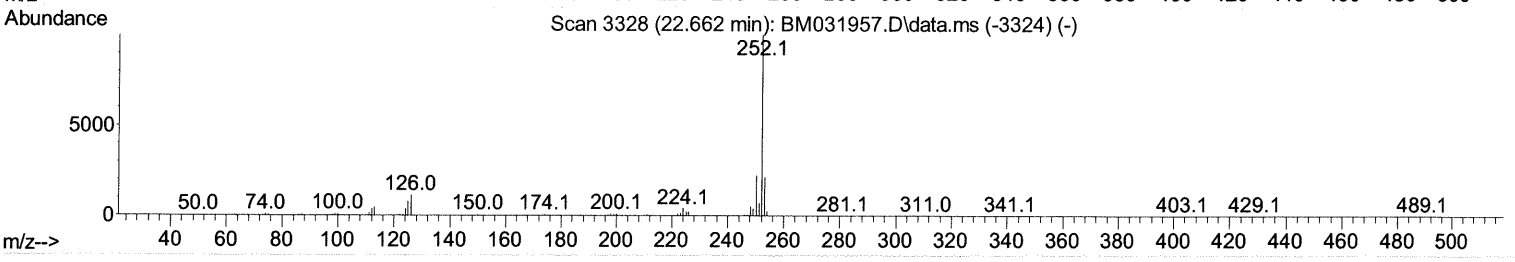

TIC: BM031960.D\data.ms

(91) Benzo(k)fluoranthene

22.668min (+ 0.012) 47.80 ng/ul m 09/01/21 JU

response 1868483

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	21.77
125.00	9.90	7.72#
0.00	0.00	0.00

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8/31/2021 11:37:26 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	70284	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	316464	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	244434	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	550153	20.000	ng/ul	0.00
79) Chrysene-d12	21.115	240	630664	20.000	ng/ul	# 0.00
88) Perylene-d12	23.250	264	633752	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	11849	7.779	ng/uL	0.00
4) Pyridine-d5	3.522	84	165722	38.311	ng/ul	0.00
7) Phenol-d5	6.704	99	232488	39.890	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	130351	38.655	ng/ul	0.00
11) 2-Chlorophenol-d4	7.051	132	191891	42.786	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	198588	39.715	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	98029	42.648	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	116218	42.723	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	230151	42.169	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	288812	37.514	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	760543	41.120	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	935593	42.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	137782	41.156	ng/ul	0.00
60) Fluorene-d10	15.151	176	684461	42.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	149245	39.480	ng/ul	0.00
73) Anthracene-d10	17.009	188	1109901	42.504	ng/ul	0.00
81) Pyrene-d10	19.315	212	1287297	43.579	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	1414205	42.459	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	25282	13.767	ng/uL	97
5) Pyridine	3.540	79	180774	40.650	ng/ul	91
6) Benzaldehyde	6.675	77	142588m	> 54.042	ng/ul	> 09/01/21 JU
8) Phenol	6.734	94	258157	44.018	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	191013	42.763	ng/ul	92
12) 2-Chlorophenol	7.081	128	208610	46.580	ng/ul	95
13) 2-Methylphenol	7.957	108	196682	43.495	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.045	45	245030m	> 42.211	ng/ul	> 09/01/21 JU
16) Acetophenone	8.334	105	336909	43.020	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.322	70	175192	45.853	ng/ul	95
18) 4-Methylphenol	8.286	108	220575	43.926	ng/ul	95
19) Hexachloroethane	8.557	117	88586	46.175	ng/ul	90
22) Nitrobenzene	8.704	77	255516	44.032	ng/ul	96
23) Isophorone	9.228	82	481279	45.062	ng/ul#	97
25) 2-Nitrophenol	9.404	139	133348	47.057	ng/ul#	93
26) 2,4-Dimethylphenol	9.469	107	258556	44.823	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.710	93	282531	44.626	ng/ul	99
29) 2,4-Dichlorophenol	9.928	162	242066	46.629	ng/ul	99
30) Naphthalene	10.316	128	704632	44.477	ng/ul	99
32) 4-Chloroaniline	10.445	127	314981	41.014	ng/ul	100
33) Hexachlorobutadiene	10.592	225	155765	45.229	ng/ul	97
34) Caprolactam	11.245	113	78036m	> 45.097	ng/ul	> 09/01/21 JU
35) 4-Chloro-3-methylphenol	11.580	107	257431	47.287	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031960.D
Acq On : 30 Aug 2021 21:36
Operator : CG/JU
Sample : PB138566BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 31 02:37:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SLCS566

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:26 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.933	142	566122	45.321	ng/ul	98
37) 1-Methylnaphthalene	12.157	142	543634	42.729	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.316	216	318439	45.384	ng/ul	99
40) Hexachlorocyclopentadiene	12.280	237	148048	39.201	ng/ul	95
41) 2,4,6-Trichlorophenol	12.569	196	221180	47.054	ng/ul	99
42) 2,4,5-Trichlorophenol	12.639	196	238201	46.664	ng/ul	99
43) 1,1'-Biphenyl	12.974	154	773202	44.970	ng/ul	98
44) 2-Chloronaphthalene	13.010	162	615291	45.170	ng/ul	100
45) 2-Nitroaniline	13.239	65	180040	47.974	ng/ul	98
47) Dimethylphthalate	13.627	163	812918	44.761	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	174655	48.747	ng/ul	97
50) Acenaphthylene	13.868	152	912394	45.269	ng/ul	100
51) 3-Nitroaniline	14.080	138	162583	48.490	ng/ul	99
52) Acenaphthene	14.215	153	660417	45.116	ng/ul	98
53) 2,4-Dinitrophenol	14.298	184	111348	44.449	ng/ul	94
55) 4-Nitrophenol	14.410	109	142706	46.172	ng/ul	85
56) Dibenzofuran	14.557	168	983690	45.568	ng/ul	98
57) 2,4-Dinitrotoluene	14.545	165	264155	49.157	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	14.786	232	220208	48.055	ng/ul	99
59) Diethylphthalate	15.004	149	864154	46.556	ng/ul	99
61) Fluorene	15.210	166	843308	46.168	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.210	204	424570	45.385	ng/ul	97
63) 4-Nitroaniline	15.257	138	162400	54.072	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.315	198	161551	43.951	ng/ul#	98
67) N-Nitrosodiphenylamine	15.433	169	740952	46.898	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	263718	46.777	ng/ul	95
69) Hexachlorobenzene	16.209	284	304798	46.564	ng/ul	99
70) Atrazine	16.404	200	287198	48.246	ng/ul	99
71) Pentachlorophenol	16.562	266	194394	45.414	ng/ul	100
72) Phenanthrene	16.951	178	1394838	46.421	ng/ul	99
74) Anthracene	17.039	178	1433262	46.607	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.933	216	326369	45.587	ng/uL	98
76) Pentachlorobenzene	14.468	250	334508	44.538	ng/uL	98
77) Carbazole	17.321	167	1269419	45.103	ng/ul	100
78) Di-n-butylphthalate	17.892	149	1597613	49.537	ng/ul	99
80) Fluoranthene	18.974	202	1708242	47.591	ng/ul#	95
82) Pyrene	19.339	202	1792735	47.173	ng/ul	96
83) Butylbenzylphthalate	20.262	149	762927	51.127	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.044	252	661476	46.589	ng/ul	95
85) Benzo(a)anthracene	21.097	228	1843002	46.980	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.044	149	1254669	52.135	ng/ul	98
87) Chrysene	21.150	228	1779494	47.160	ng/ul	99
89) Di-n-octyl phthalate	21.903	149	2148109	49.683	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	2020088	50.029	ng/ul	98
91) Benzo(k)fluoranthene	22.668	252	1868483m	47.799	ng/ul	09/01/21 JU
93) Benzo(a)pyrene	23.168	252	1727062	47.366	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.368	276	1944567	41.670	ng/ul	95
95) Dibenzo(a,h)anthracene	25.379	278	1670744	42.570	ng/ul#	97
96) Benzo(g,h,i)perylene	26.009	276	1525129	39.467	ng/ul	96

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