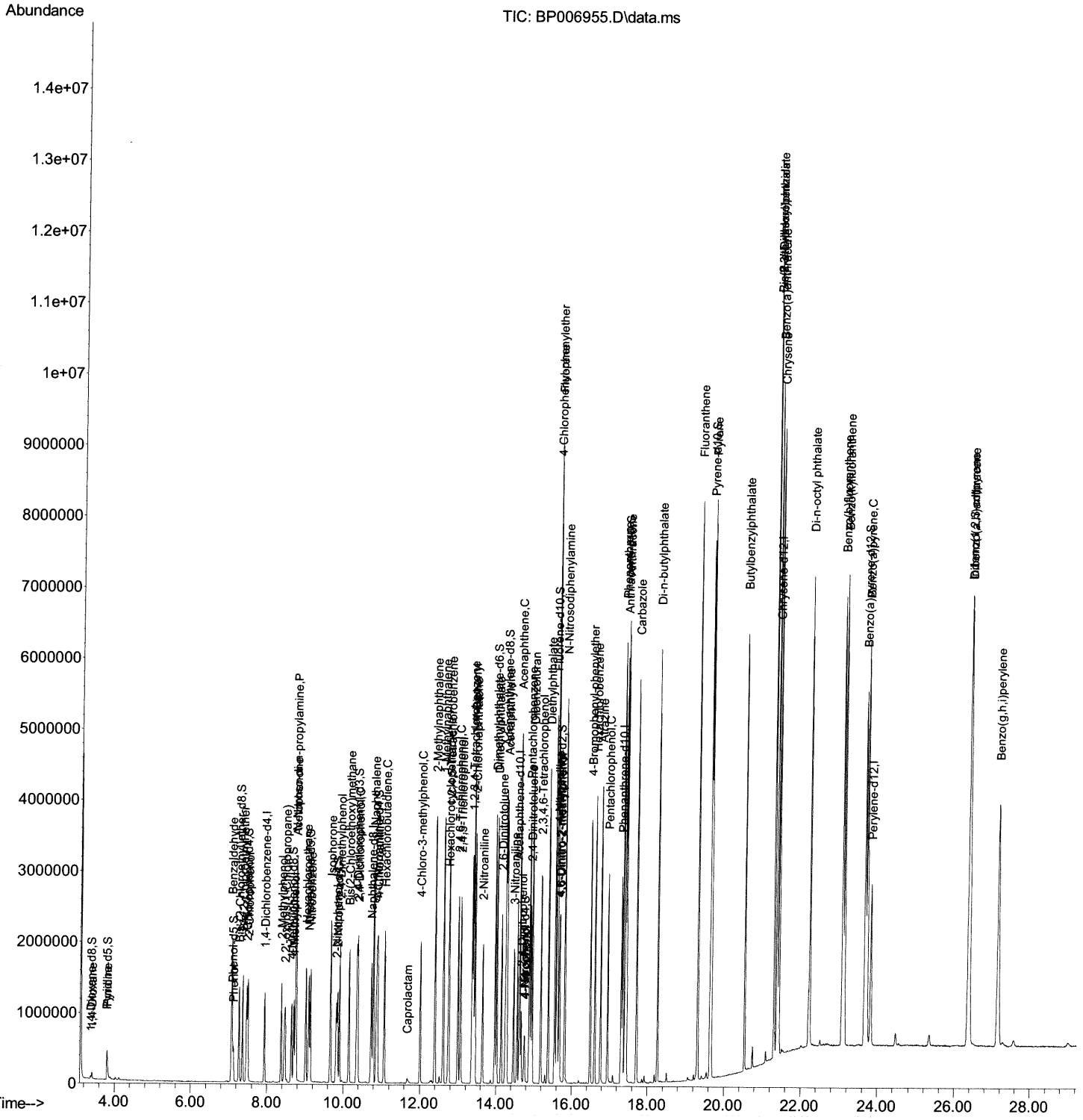
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006955.D
Acq On : 10 Sep 2021 23:10
Operator : CG/JU
Sample : M3651-09MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Quant Time: Sep 11 00:35:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBKM3MSD

Manual Integrations APPROVED
mohammad
9/13/2021 10:22:28 AM



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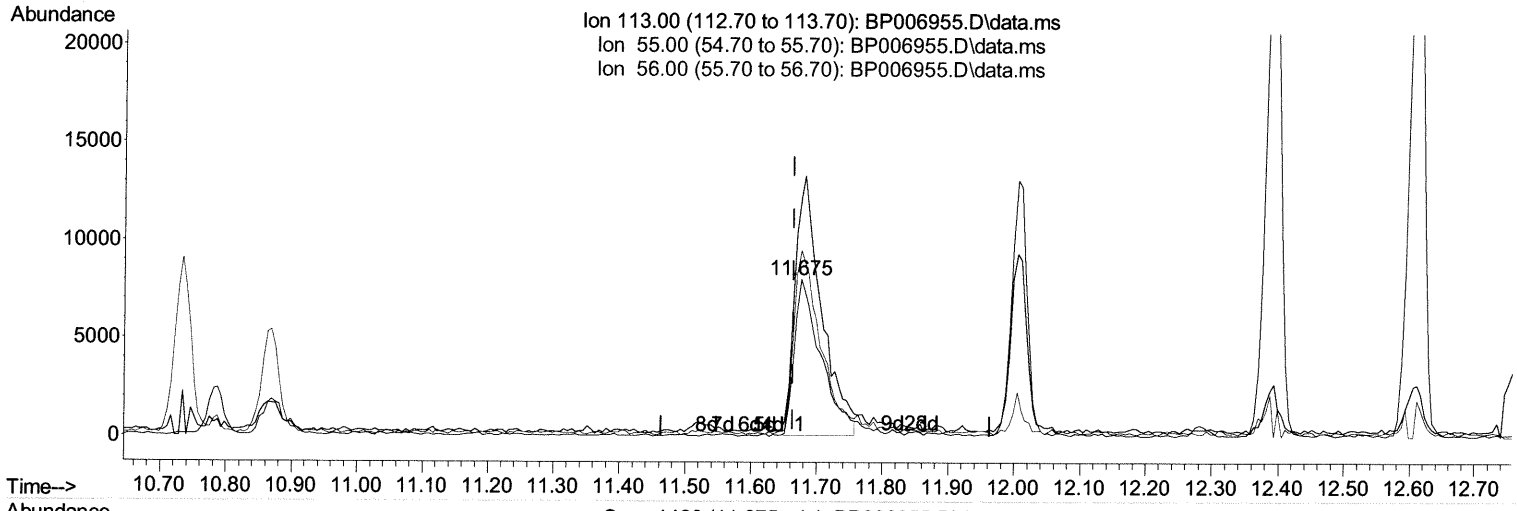

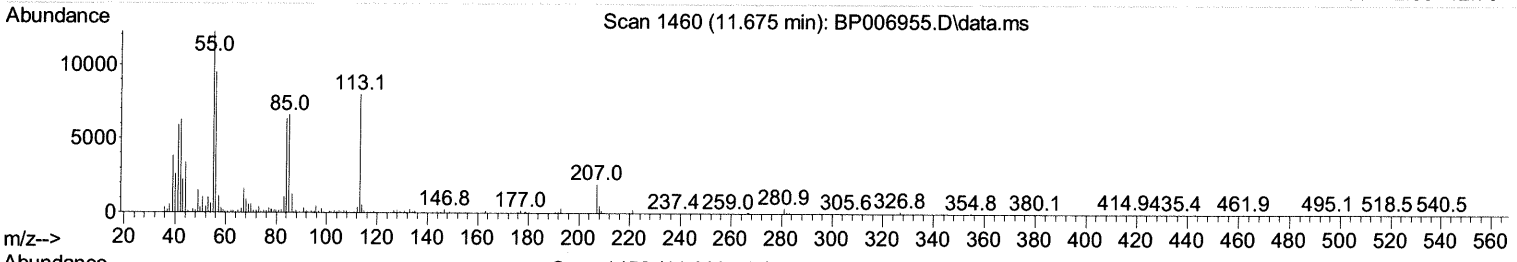

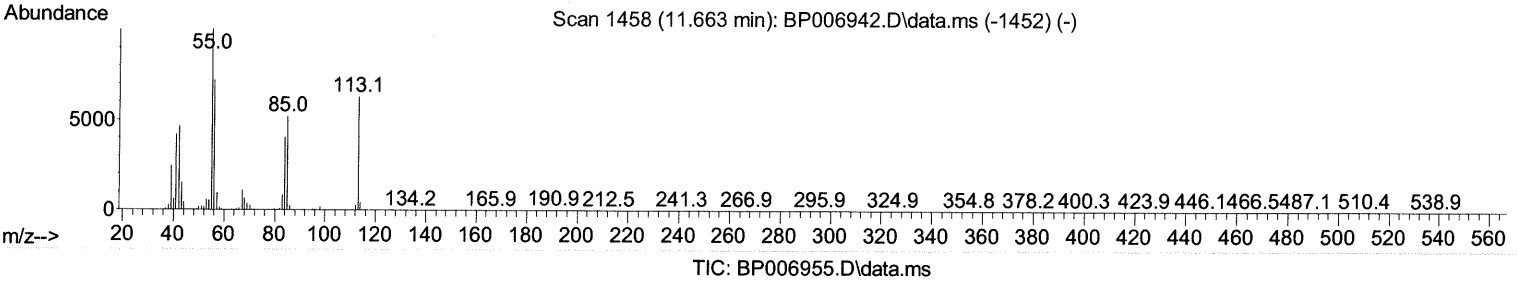

TIC: BP006955.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 3.85 ng/ul

response 22520

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	152.71
56.00	122.70	118.45
0.00	0.00	0.00

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mohammad
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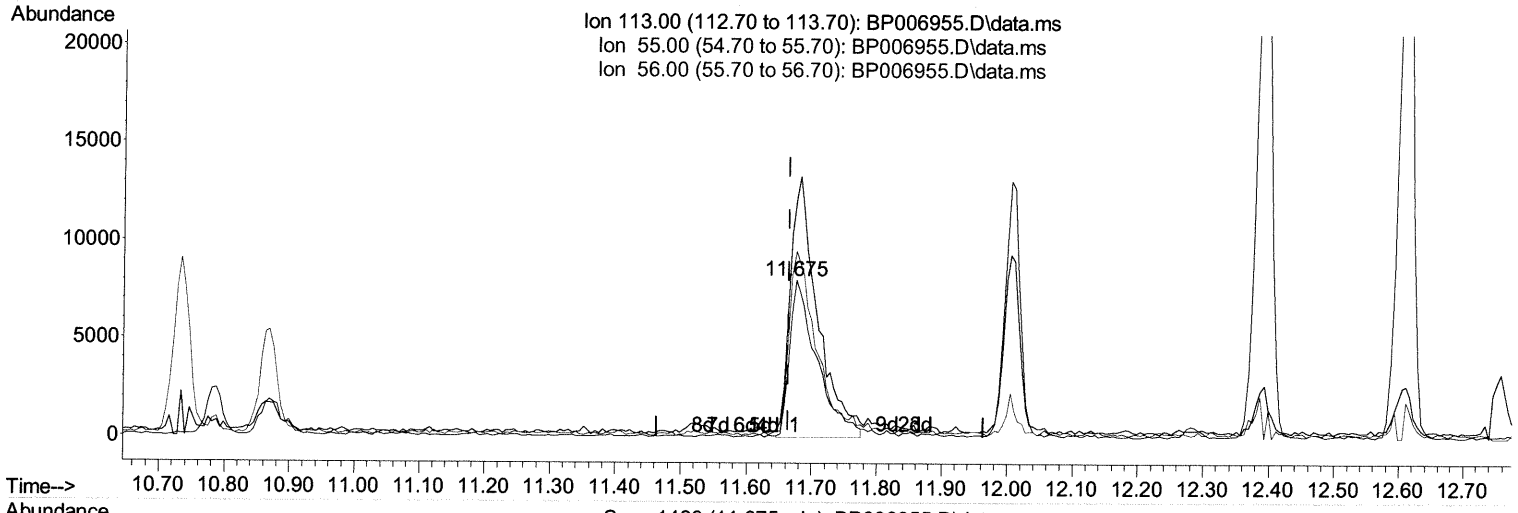

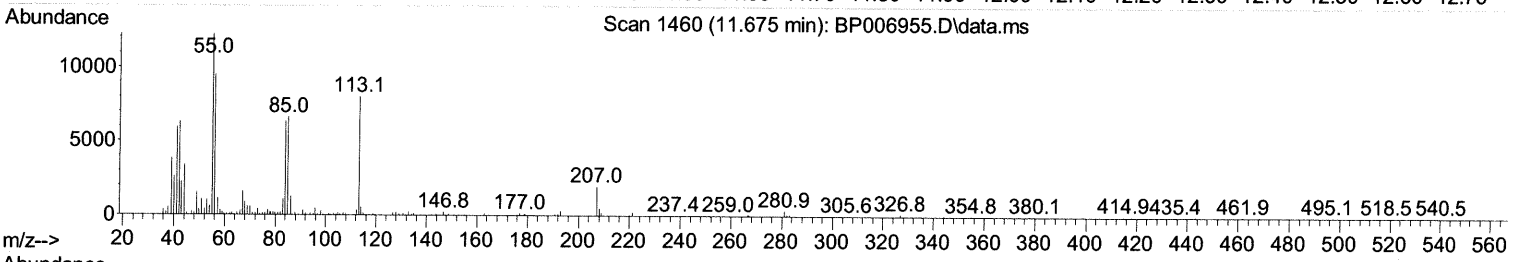

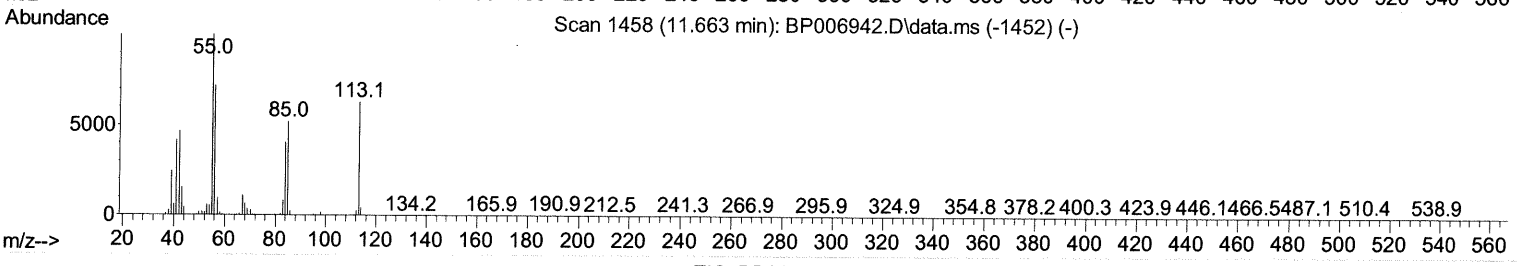

TIC: BP006955.D\data.ms

(34) Caprolactam

11.675min (+ 0.012) 4.00 ng/ul m 09/14/2130

response 23399

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	152.71
56.00	122.70	118.45
0.00	0.00	0.00

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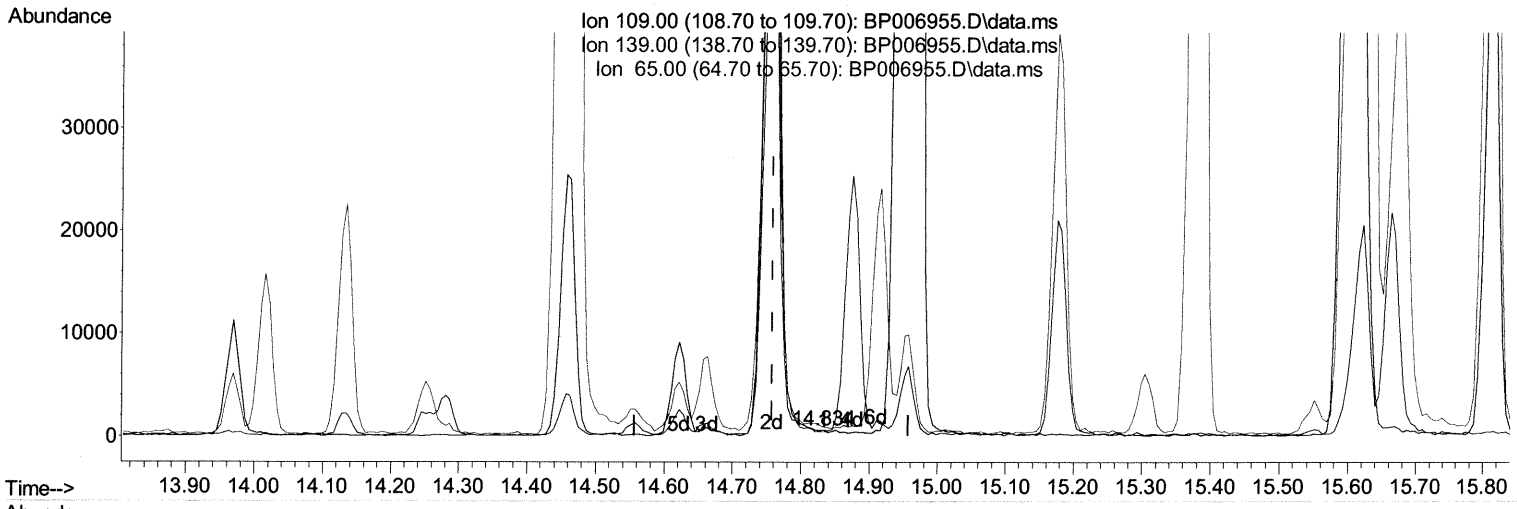

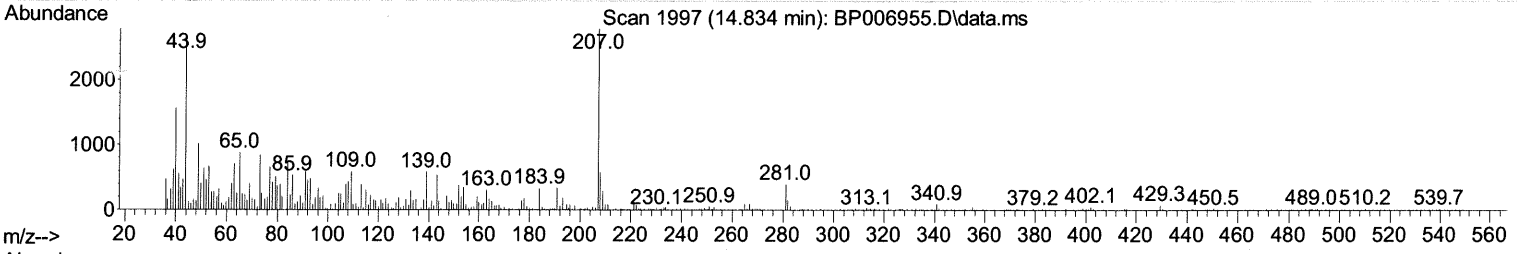

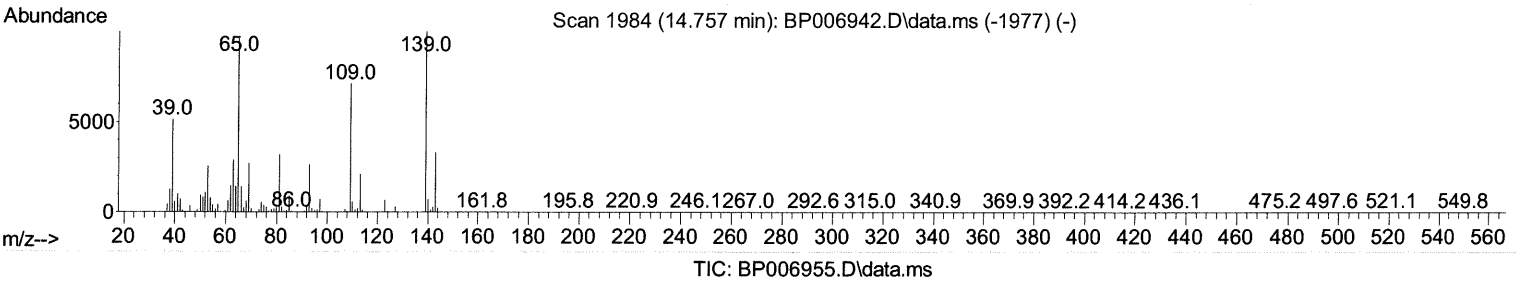

TIC: BP006955.D\data.ms

(55) 4-Nitrophenol

14.834min (+ 0.076) 0.02 ng/ul

response 115

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	112.90	98.82
65.00	127.70	148.90
0.00	0.00	0.00

Quantitation Report (Qedit)

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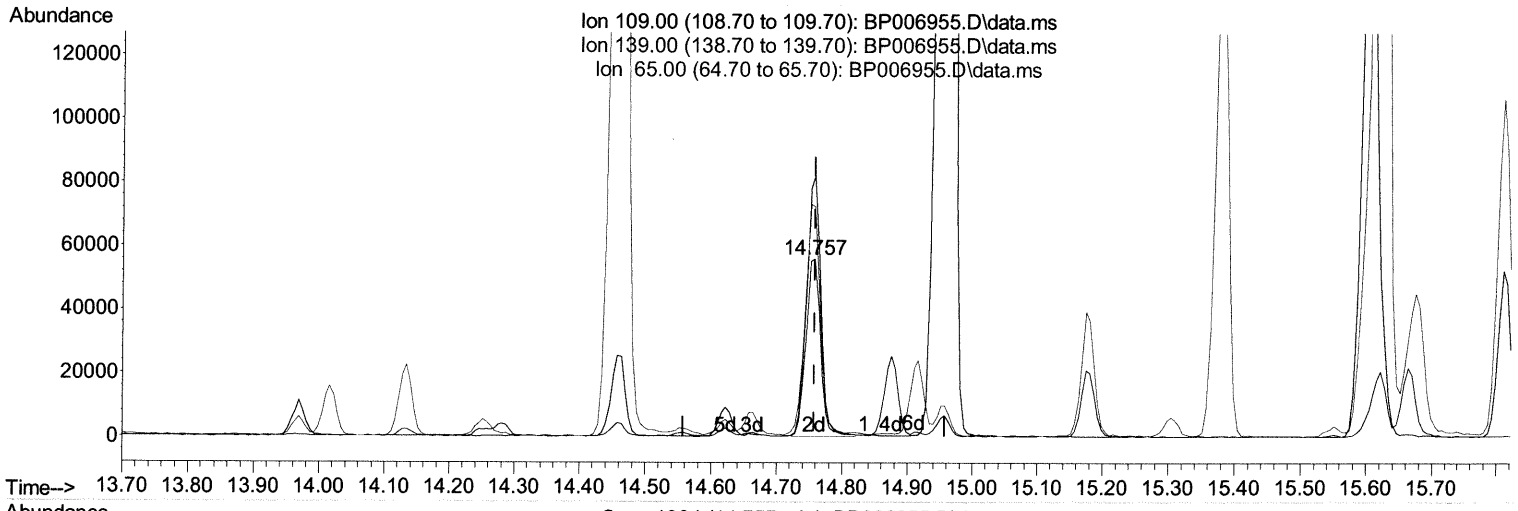
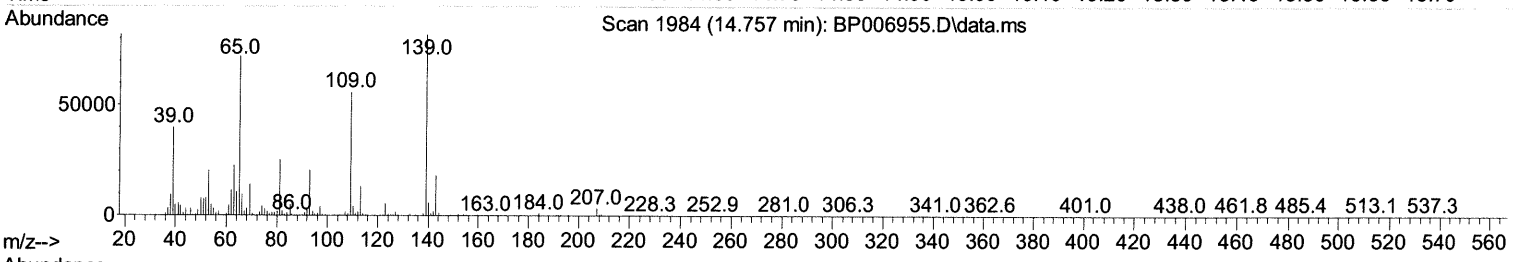
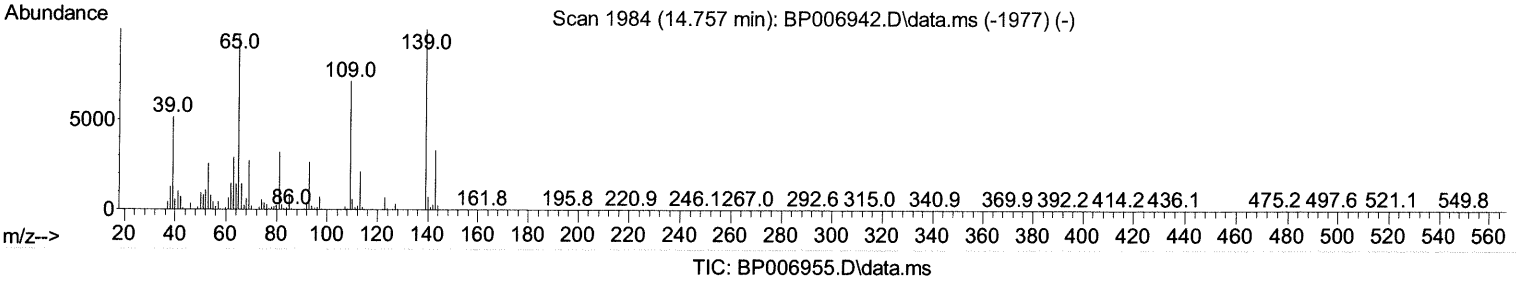
mohammad
9/13/2021 10:22:28 AM







TIC: BP006955.D\data.ms

(55) 4-Nitrophenol

14.757min (-0.000) 12.21 ng/ul m 09/14/21 JU

response 86498

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	112.90	146.52#
65.00	127.70	129.38
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	347420	20.000	ng/ul	0.00
20) Naphthalene-d8	10.734	136	1409210	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.557	164	856387	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	1727728	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.386	240	1671238	20.000	ng/ul	-0.01
88) Perylene-d12	23.821	264	1697046	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	22406	2.566	ng/uL	0.01
4) Pyridine-d5	3.793	84	189951	8.349	ng/ul	0.01
7) Phenol-d5	7.093	99	247687	9.700	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	578781	39.467	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	650282	31.546	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	428253	21.357	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	382835	44.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	381599	45.409	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.351	165	742230	37.458	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	959540	35.017	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	2481213	44.734	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	2941931	41.879	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	111805	11.603	ng/ul	0.00
60) Fluorene-d10	15.551	176	2103351	42.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	386081	50.514	ng/ul	0.00
73) Anthracene-d10	17.404	188	3388736	47.376	ng/ul	-0.01
81) Pyrene-d10	19.633	212	3928997	50.199	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.663	264	3834109	46.832	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	52075	5.360	ng/uL	91
5) Pyridine	3.811	79	204353	8.954	ng/ul#	80
6) Benzaldehyde	7.075	77	655954	40.314	ng/ul	86
8) Phenol	7.116	94	279586	10.592	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.358	93	811927	38.421	ng/ul	98
12) 2-Chlorophenol	7.499	128	671497	31.752	ng/ul	92
13) 2-Methylphenol	8.375	108	501544	25.021	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.469	45	981624	40.216	ng/ul	98
16) Acetophenone	8.757	105	1232614	40.083	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.746	70	583497	40.725	ng/ul#	97
18) 4-Methylphenol	8.699	108	478865	22.274	ng/ul	99
19) Hexachloroethane	9.016	117	293273	34.054	ng/ul#	82
22) Nitrobenzene	9.134	77	879090	42.560	ng/ul#	89
23) Isophorone	9.663	82	1650072	40.223	ng/ul	95
25) 2-Nitrophenol	9.846	139	426812	45.441	ng/ul#	85
26) 2,4-Dimethylphenol	9.904	107	671516	29.510	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.146	93	1072382	39.490	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	729462	37.173	ng/ul#	94
30) Naphthalene	10.787	128	2538275	37.133	ng/ul	100
32) 4-Chloroaniline	10.893	127	974183	34.905	ng/ul	99
33) Hexachlorobutadiene	11.075	225	455554	33.651	ng/ul	98
34) Caprolactam	11.675	113	23399m	4.000	ng/ul	90
35) 4-Chloro-3-methylphenol	12.004	107	705199	35.431	ng/ul	90

CG/9/14/21 JU

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mohammad
9/13/2021 10:22:28 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	1832455	39.983	ng/ul	98
37) 1-Methylnaphthalene	12.610	142	1763462	37.720	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.757	216	965353	39.366	ng/ul#	94
40) Hexachlorocyclopentadiene	12.740	237	417779	26.397	ng/ul	98
41) 2,4,6-Trichlorophenol	12.993	196	621721	43.803	ng/ul	99
42) 2,4,5-Trichlorophenol	13.057	196	680260	42.993	ng/ul	96
43) 1,1'-Biphenyl	13.398	154	2364623	39.657	ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	1820195	39.594	ng/ul	91
45) 2-Nitroaniline	13.640	65	506051	54.160	ng/ul#	78
47) Dimethylphthalate	14.016	163	2470076	44.156	ng/ul	99
48) 2,6-Dinitrotoluene	14.134	165	494952	52.978	ng/ul#	75
50) Acenaphthylene	14.281	152	2773911	38.057	ng/ul	99
51) 3-Nitroaniline	14.457	138	495376	46.256	ng/ul	84
52) Acenaphthene	14.622	153	2009713	41.640	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	216132	41.181	ng/ul#	75
55) 4-Nitrophenol	14.757	109	86498m	> 12.212	ng/ul	≥ 09/14/21 JD
56) Dibenzofuran	14.957	168	2850299	40.925	ng/ul#	86
57) 2,4-Dinitrotoluene	14.916	165	718351	53.804	ng/ul#	76
58) 2,3,4,6-Tetrachlorophenol	15.181	232	595752	46.727	ng/ul#	77
59) Diethylphthalate	15.381	149	2498230	45.867	ng/ul	95
61) Fluorene	15.604	166	2392298	43.096	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.598	204	1192073	42.124	ng/ul#	80
63) 4-Nitroaniline	15.622	138	550345	51.472	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.681	198	393149	50.522	ng/ul#	76
67) N-Nitrosodiphenylamine	15.810	169	2106374	46.290	ng/ul	99
68) 4-Bromophenyl-phenylether	16.492	248	738369	45.204	ng/ul#	85
69) Hexachlorobenzene	16.610	284	849432	44.847	ng/ul#	87
70) Atrazine	16.769	200	781729	45.364	ng/ul	95
71) Pentachlorophenol	16.951	266	479422	44.191	ng/ul	98
72) Phenanthrene	17.351	178	3918576	45.530	ng/ul	99
74) Anthracene	17.439	178	3985245	46.585	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	999689	41.283	ng/uL	99
76) Pentachlorobenzene	14.875	250	948942	40.484	ng/uL	99
77) Carbazole	17.710	167	3625179	47.681	ng/ul	98
78) Di-n-butylphthalate	18.263	149	4237464	49.175	ng/ul#	98
80) Fluoranthene	19.310	202	4651582	47.784	ng/ul	95
82) Pyrene	19.663	202	4774252	47.814	ng/ul	95
83) Butylbenzylphthalate	20.533	149	1842585	52.996	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.304	252	1541074	44.439	ng/ul	98
85) Benzo(a)anthracene	21.374	228	4626867	47.551	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.298	149	2783518	53.703	ng/ul#	94
87) Chrysene	21.427	228	4442283	46.134	ng/ul	99
89) Di-n-octyl phthalate	22.233	149	4772235	54.411	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	4707780	47.410	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	4783739	51.466	ng/ul	97
93) Benzo(a)pyrene	23.715	252	4296536	44.971	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.368	276	5473525	49.386	ng/ul	97
95) Dibenzo(a,h)anthracene	26.386	278	4605237	48.025	ng/ul	97
96) Benzo(g,h,i)perylene	27.151	276	4517475	47.526	ng/ul	96

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